



Introducing AusIMM

AusIMM is the peak body for people working in the resources sector. We shape careers, showcase leadership, create communities and uphold professional standards. We represent a global community of members and professionals from 100 countries and are committed to improving environmental, social and economic outcomes in the resources sector, now and for generations to come.

AusIMM Chartered Professionals Program

AusIMM offers multi-disciplinary accreditation to highly experienced, competent professionals through its Chartered Professional Program. By demonstrating an ongoing commitment to global best practice and continual learning, AusIMM Chartered Professionals are globally recognised for working to high standards in the resources sector and highly valued by employers, clients, and the broader mining community.

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**Start using Social Performance
and Environment materials**



Social Performance and Environment

Social Performance and Environment practitioners advise on, guide and undertake work activities that seek to minimise harm and maximise benefits from minerals development on social and biophysical landscapes to constructively and sustainably position the minerals industry in society.

AusIMM's Social and Environment Committee has developed materials to support the professional development and assessment of AusIMM members in the disciplines of Social Performance and the Environment.

The Area of Practice descriptors, competency assessment tools, courses and guidelines linked here are designed to support self-directed professional development by Social Performance and Environment practitioners. The materials identified are assessed by AusIMM's Social and Environment Committee to be useful and current in 2023, with no opinion provided nor implied on relative merit or likelihood of future availability.

Social Performance

Social Performance is one of the seven professional disciplines recognised for AusIMM Chartered Professional status. The linked materials provide general advice on professional development that can guide Social Performance practitioners in their career development, however they do not provide a guaranteed pathway to Chartered Professional attainment.

[View Practice Area Descriptors](#)[View Courses](#)[View Guidelines](#)

Environment

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[View Practice Area Descriptors](#)[View Courses](#)[View Guidelines](#)

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Areas of Practice descriptors 13-16 relate to systemic requirements in the minerals sector and can apply to Environment and Social Performance (ESP) and other professional disciplines.

- 1 **Social Science**
- 2 Community and stakeholder communication and engagement
- 3 Cultural competency and training
- 4 Indigenous and land-connected peoples
- 5 Prevention and management of social risk and conflict
- 6 Cultural heritage management
- 7 Local level agreements (LLA)
- 8 Resettlement and population movement
- 9 Local and regional development
- 10 Management, monitoring and evaluation of social projects
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- 16 Workplace and community health, safety and security

1. Social science

Collecting and interpreting social science data relevant to natural resource exploration, development, operations and closure. Competency indicators include:

- 1.1. being proficient in desktop and field based quantitative and qualitative social science research;
- 1.2. knowledge of development and behavioural studies, sociology, anthropology, ethnography and archaeology;
- 1.3. compiling socioeconomic and sociocultural knowledgebase studies, including validation approaches;
- 1.4. understanding and using risk frameworks to determine community and social group priorities;
- 1.5. undertaking Social Impact Assessment (regulatory and business-driven), including human rights assessment;
- 1.6. understanding overarching gender, cultural diversity, vulnerable people and human rights considerations and taking these into account across all areas of practice;
- 1.7. understanding data distorting effects such as 'survey fatigue' and 'observer effect';
- 1.8. familiarity with the 'Capital' frameworks model (e.g. natural, social, human, built and financial), including transfer flows and drivers; and
- 1.9. other social analysis frameworks relevant to natural resource extraction.

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2. Community and stakeholder communication and engagement

Designing and implementing effective communication, consultation and engagement with affected communities and stakeholders. Competency indicators include:

- 2.1. preparing stakeholder engagement plans;
- 2.2. carrying out stakeholder mapping, including their interests, influence and materiality;
- 2.3. identifying communities of direct interest within the stakeholder network;
- 2.4. organising and undertaking engagement activities at individual, small group, medium- and large-scale levels;
- 2.5. sustaining community and stakeholder direct feedback of views and concerns regarding existing operations and proposed projects
- 2.6. preparing community and stakeholder communication plans including key messages; and
- 2.7. skills in social media management.

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3. Cultural competency and training

Understanding the customs, norms and values of different local and minority community groups. Competency indicators include:

- 3.1. knowing how and why these may differ from those of the dominant culture and how this affects how people experience the impacts of extractive activities;
- 3.2. understanding how different world views affect social and business relationships, behaviours and political outcomes;
- 3.3. understanding the difficulties that local, marginalised and other minority groups may experience in the face of development;
- 3.4. demonstrating respect for ethnic, race, gender, class and authority relationships;
- 3.5. exercising the fundamentals of active listening, dialogue and consensus communication;
- 3.6. being able to fit local customs, values, rights, interests and norms into the context of legal and international conventions; and
- 3.7. managing and delivering cross cultural training and induction.

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4. Indigenous and land-connected peoples

Understanding the risks, threats and opportunities when working with land-connected and Indigenous peoples. Competency indicators include:

- 4.1. understanding the social nature of Indigenous recognition;
- 4.2. awareness of traditional and/or legal title and claims to land, water and other natural resources;
- 4.3. knowledge of frameworks of colonisation and national inclusion;
- 4.4. understanding the alienation that disconnection from land and waters can cause;
- 4.5. managing issues associated with competing claims for land, water and other resources;
- 4.6. understanding the role of Indigenous institutions and representative organisations;
- 4.7. understanding within Australasian context the history of minerals sector engagement with Indigenous peoples and how it has changed over time; and
- 4.8. knowledge of relevant national and international context, standards, guidance and laws, such as Free, Prior, Informed Consent (FPIC) and the UN Declaration on the Rights of Indigenous Peoples (UNDRIP).

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5. Prevention and management of social risk and conflict

Identifying and managing social risks, impacts and conflict. Competency indicators include:

- 5.1. being able to analyse the nature and causes of social and related business risk;
- 5.2. identifying conflicting interests and prohibitions between/ within different community groups;
- 5.3. designing systems and action aimed at prevention, management, remediation, resolution and recompense;
- 5.4. designing and managing community concerns, complaints and grievance procedures;
- 5.5. participating in social incident investigation and mitigation;
- 5.6. conversant in active listening, restorative justice, mediation, dialogue and consensus building;
- 5.7. understanding particular issues associated with artisanal mining and how to manage them; and
- 5.8. knowing the importance of civil interface in emergency response procedures and situations.

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6. Cultural heritage management

Identifying and managing the protection of cultural heritage values, rights and interests. Competency indicators include:

- 6.1. recognising the diverse forms of tangible and intangible cultural heritage values and their interaction;
- 6.2. understanding the roles and relationship of archaeology and anthropology in assessing different heritage values, potential impacts upon them and associated business risks;
- 6.3. designing and implementing of cultural heritage management systems;
- 6.4. developing cultural heritage protection approaches with the involvement of communities and stakeholders;
- 6.5. designing mitigation procedures that avoid and minimise potential cultural heritage impacts (e.g. work clearance and chance finds procedures);
- 6.6. integrating cultural heritage considerations, risks, protection procedures and penalties into operational practice;
- 6.7. designing approaches and programs aimed at cultural heritage enhancement; and
- 6.8. working with cultural heritage custodians to identify the limits of acceptable cultural change.

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7. Local level agreements (LLA)

Managing the negotiation and implementation of LLA in various business, land use, recreational, cultural and jurisdictional contexts, recognising that they apply across an entire enterprise with senior management accountability. Competency indicators include being able to:

- 7.1. identify formal and informal land, water and other natural resource tenure;
- 7.2. work with relevant groups to negotiate agreement, in the form of formal contracts which impact the whole of the business, on access to these resources;
- 7.3. design 'fit for purpose' LLA, ranging from simple memoranda of understanding to comprehensive legal agreements
- 7.4. understand and achieve agreement on the difference between compensation and benefits;
- 7.5. build environmental rehabilitation and post-closure options in LLA;
- 7.6. achieve mutual accountability frameworks for management of social impacts and commitments;
- 7.7. design and achieve institutional arrangements and governance structures for durable LLA; and
- 7.8. set up monitoring and evaluation of LLA and contained commitments.

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8. Resettlement and population movement

Identifying and managing the risks associated with population movements arising from natural resource exploration, development and closure. Competency indicators include:

- 8.1. understanding in-migration, resettlement and/or the economic displacement of people and their livelihoods;
- 8.2. being able to identify existing, emerging and latent socio-economic drivers of migration;
- 8.3. knowledge of resettlement, economic displacement and in-migration mitigation approaches;
- 8.4. the ability to align restorative mitigation with resource and asset development schedules;
- 8.5. understanding gender, age, ethnic and other social identity considerations;
- 8.6. preparing resettlement and economic displacement action plans (RAP); and
- 8.7. designing RAP monitoring, evaluation and close-out criteria.

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9. Local and regional development

Understanding the negative impacts and positive influence that natural resource development can have in a region and advise how to leverage this for business and affected community benefit. Competency indicators include understanding:

- 9.1. the fundamentals of local and regional economic development;
- 9.2. economic studies, such as Economic Value Added (EVA) and Input-Output analysis;
- 9.3. understanding the respective roles of communities, business, government, NGO's and philanthropy;
- 9.4. mutual benefit of shared infrastructure (e.g. roads, airports and emergency services), and
- 9.5. applying participatory and partnership approaches that necessarily involve governments, community groups and specialist agencies having different resources and skills, mutual commitments, accountability and reciprocity.

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10. Management, monitoring and evaluation of social projects

Identifying, selecting and effectively managing business-supported social projects. Competency indicators include:

- 10.1. designing business strategy, cost/benefit analysis, control and assurance of social projects;
- 10.2. building sustainable partnerships that include capacity development, respective resource inputs and value alignment;
- 10.3. being able to monitor and evaluate social project viability, risks, progress and outcomes;
- 10.4. designing quantitative and qualitative performance indicators (e.g. education, health and economic metrics);
- 10.5. ensuing the involvement of affected communities and other appropriate organisations; and
- 10.6. understanding different social project and endowment governance structures (e.g. trusts, foundations, managed funds, direct management).

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11. Local employment and workforce development

In conjunction with human resources, operations functions and community representatives, designing processes for improving local employability and employment and brokering this within the business. Competency indicators include:

- 11.1. designing appropriate and effective methods for training local people to be work-ready;
- 11.2. knowing how to identify, recruit, select and employ suitable local people;
- 11.3. ensuring selection processes and criteria match business and community needs;
- 11.4. reviewing performance and reporting on measures to community on a regular basis;
- 11.5. mitigating the potential impact on family life, gender relationships and other local norms; and
- 11.6. understanding how to expand local employment opportunities through contractor activities.

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12. Local enterprise facilitation and development

In conjunction with procurement, other functions and community representatives, facilitating the development of local/regional small and medium enterprises (SME). Competency indicators include:

- 12.1. understanding approaches and methods to identify local entrepreneurs and SME opportunities;
- 12.2. designing business processes for sourcing of local goods and services including optimal invoicing arrangements;
- 12.3. being able to foster SME development programs, business incubators and advisory services;
- 12.4. brokering SME development partnerships with government, civil society and other enterprises;
- 12.5. understanding the principles of micro-financing and other SME funding models; and
- 12.6. monitoring performance outcomes and reporting these internally and externally.

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Areas of Practice descriptors 13-16 relate to systemic requirements in the minerals sector and can apply to Environment and Social Performance (ESP) and other professional disciplines.

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13. Mining enterprise management systems

Familiarity with enterprise governance and management systems and using these in the course of ESP work to create business value. Competency indicators include:

- 13.1. understanding overarching business context, needs and strategies, and positioning ESP accordingly;
- 13.2. using risk and materiality assessments to appropriately position ESP factors in risk registers;
- 13.3. managing ESP matters in a way that considers why and how external stakeholders interact with mining enterprises and ensures that interactions add value to them and the enterprises;
- 13.4. positioning ESP in an organisational context, particularly within the Health, Safety and Environment (HSE, Human Resources, Finance, Operations, Risk, Internal Audit, Communication, Government and Public Relations functions.)
- 13.5. managing ESP through an enterprise's existing systems and tools, such as change management approaches, budgeting tools and lean boards;
- 13.6. ensuring community and stakeholder feedback is adequately recorded and understood within and across an enterprise;
- 13.7. establishing ESP accountability in enterprise management frameworks and business practice;
- 13.8. ensuring ESP compliance and performance consequences are accurately understood and factored in enterprise internal audit/assurance processes; and
- 13.9. developing and embedding ESP metrics into business improvement, compliance and reporting.

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14. Multi-lateral and financial institutions standards.

Managing ESP matters to achieve business compliance with government and other external ESP policies, standards and guidelines. Competency indicators include working knowledge and application of:

- 14.1. context-specific jurisdictional statutory, regulatory and policy requirements;
- 14.2. relevant United Nations (UN) and International Labour Organisation (ILO) and other declarations, such as the UN Guiding Principles on Business and Human Rights, the UN Declaration on the Rights of Indigenous Peoples and the Voluntary Principles on Security and Human Rights;
- 14.3. International Finance Corporation (IFC) and similar Performance Standards;
- 14.4. Equator Bank and other relevant principles, codes of conduct and good practice;
- 14.5. Extractive Industries Transparency Initiative (EITI) and the Global Reporting Initiative (GRI);
- 14.6. OECD Due Diligence Guidance for Responsible Business Conduct;
- 14.7. relevant management certification standards (e.g. ISO 14001 and ISO 26000); and
- 14.8. adequately positioning and managing ESP practice, governance and reporting to help secure financing.

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15. Sustainable Development principles

Understanding the history of Sustainable Development (SD), evolving Sustainability expectations and how this relates to business Environment-Social-Governance (ESG) performance, metrics and reporting. Competency indicators include working knowledge and application of:

- 15.1. the economic, social, environmental and governance aspects of Sustainable Development
- 15.2. concepts like intergenerational equity, materiality and natural and social capital fungibility;
- 15.3. ESP in Sustainability Standards Accounting Board approaches;
- 15.4. sustainable supply chain assessments;
- 15.5. extractive sector ESP alignment with the UN Sustainable Development Goals (SDGs);
- 15.6. International Council for Mining and Metals (ICMM) 10 Principles;
- 15.7. ICMM Sustainable Development Framework and Assurance Standard
- 15.8. ESP factors in stock exchange sustainability indices and reporting; and
- 15.9. ESP in annual sustainability reporting consistent with the Global Reporting Initiative (GRI).

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16. Workplace and community health, safety and security

Aligning and managing ESP work within a safety-oriented culture and enterprise health, safety and security systems, including mental health considerations. Competency indicators include:

- 16.1. contributing to workplace, supply chain and community health, safety and security risk assessments;
- 16.2. contributing to workplace, supply chain and community hazard identification and mitigation;
- 16.3. familiarity and compliance with health, safety and security controls;
- 16.4. effectively monitoring of ESP-related health, safety and security matters; and
- 16.5. ability to participate in root cause analysis of ESP-related health and safety incidents.

Introduction

Resource Sector Context and Social Performance

The AusIMM has developed this competency assessment tool to support the development and assessment of its professional members in the Social Performance discipline.

Social Performance (SP) practitioners advise on, guide and undertake work activities that seek to minimise harm and maximise benefits from resource sector enterprises on affected stakeholders and in doing so constructively and sustainably position resource extraction activity in its social context. SP work undertaken effectively integrates across many enterprise functional areas through all stages of resource exploration, project evaluation, construction, operations, transition to closure and post-closure. It includes the preparation and implementation of SP management plans that support optimal business strategy, socioeconomic research and monitoring, community engagement, the preparation of social-related compliance and other documentation required by government and financial lenders, the development of social-related business policy and involvement in assurance activities. The work can also involve a range of activities that support the application of sustainable development principles and Environmental, Social and Governance (ESG) requirements in all stages of the resource extraction cycle.

Purpose of Social Performance Competencies

Competency is essential in the effective performance of complex work, hence clearly mapping competency requirements of roles helps in the selection of the right people for the work and helps map pathways for their further career development. In this context the competencies for an individual are defined as:

“The knowledge, skills, experience, behaviour, attitudes and attributes required to effectively perform the role”

The competencies required of those in SP roles that are set out in this document, including examples of ‘competency indicators’, align to the Australasian Institute of Mining and Metallurgy (AusIMM) SP Chartered Professional Area of Practice (AoP) requirements. The competency indicator lists are not intended to be exhaustive; they are intended to help people in SP roles and those who regularly interface with affected stakeholders map the range and level of their SP competency set.

Effective SP work is important for resource enterprise value and continues to grow in complexity. The AoP competencies required to deliver on SP objectives have grown accordingly and fall into three key areas:

1. Engagement

The ability to work closely with extractive enterprise affected communities and other relevant stakeholders on ESG-related matters, and to facilitate engagement between an extractive enterprise, affected communities and other stakeholders.

2. Management

The ability to manage business-driven SP work and integrate it across a resource enterprise.

3. Technical

Specialist skills in areas such as: socioeconomic research, local level agreement making, cultural heritage protection and management, local enterprise development, community project design, monitoring and evaluation.

Using Social Performance Competencies

The Social Performance competencies tool can be used for:

- Guiding the position descriptions, recruitment, selection and deployment of SP practitioners.
- Enabling people working in SP roles to self-rate their own competency profile and work with their team leader to receive constructive feedback and coaching to manage their career.
- Guiding the professional development of people in SP roles.
- Consistently assessing, building, managing and rewarding constructive social performance and behaviours of individuals and overall teams.
- Assessing SP competency in relevant areas for the purposes of achieving SP Chartered Professional status in the AusIMM
- Assessing competency in relevant areas for the purpose of participating in, and ‘signing off’ on, relevant SP matters under various reporting code and due diligence exercises.

The lists of SP competency indicators can be used in two ways.

1. When assessing an individual, a deemed rating for each SP competency indicator can be indicated by entering a single number from 0 to 5 in the first column.
2. When ‘mapping’ whether an existing SP competency is present (somewhere) in the overall enterprise team, a single entry of a score from 0 to 5 or the symbol * (designating a time-limited specific consultant) can be written in the first column; with an entry in the second column indicating the desired competency requirement. Any differences in rating indicates a gap in the team’s competency profile that may need to be filled.

Social Performance Competencies & Rating Levels

It is not expected that all SP roles will need to demonstrate advanced application or mastery in any or all of the competency indicators described. Nor will all SP professionals and workplace contexts necessarily require all the competencies - requirements will depend to a large extent on the nature of the work location, life cycle stage and the social context.

Competency Ratings Table		
Score	Rating	Description
0	Not required	Not required to understand or apply this AoP competency.
1	Basic awareness	Is aware of this AoP competency requirement in less complex situations but unable, or not required, to apply it.
2	Basic understanding	Able to describe this AoP competency and can apply it when necessary in less complex situations.
3	Medium application	Can effectively practice and apply this AoP competency in more complex situations and contexts on a regular and consistent basis.
4	Advanced application	Able to apply this AoP in highly complex, dynamic and challenging situations. Has deep knowledge and experience and is recognised as having specialist expertise within the extractive sector.
5	Expert mastery	Demonstrates leading edge knowledge and experience of this AoP. Able to apply it in many situations. Acknowledged as an expert, especially in addressing the most complex and difficult challenges.
*	Specific requirement dependent on circumstance	Experience and expertise in this area may not be required in a permanent staff role. A time-limited need is dependent on location-specific circumstances.

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1. Social science	Self/Team assessment	Desired rating
AoP competency overall		
Able to collect, collate and interpret social science data relevant to natural resource exploration, mining and mineral processing operations, closure and/or repurposing.		
Competency indicators include:		
• proven proficiency in desktop and field based quantitative and qualitative social science research.		
• demonstrated knowledge of development and behavioural studies, sociology, anthropology, ethnography and archaeology.		
• able to plan, scope and compile socioeconomic and sociocultural knowledge base studies, including validation.		
• can compile compliance registers of social-related statutory, legal, regulatory and public policy obligations.		
• validated understanding and use of risk frameworks to determine community and social group priorities.		
• can prepare, review and scope Social Impact Assessment (regulatory and business-driven), including for human rights exposures.		
• demonstrated understanding of overarching gender, cultural diversity, vulnerable people and human rights considerations and taking these into account across all Areas of Practice.		
• can discuss data distorting effects, such as 'survey fatigue' and 'observer effect'.		
• describe familiarity with the 'Capital' frameworks model (e.g., natural, social, human, built and financial), including transfer flows & drivers.		
• describe familiarity with legal, regulatory and other social analysis frameworks relevant to natural resource extraction.		

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2. Community and stakeholder communication and engagement	Self/Team assessment	Desired rating
AoP competency overall		
Able to design and implement effective communication, consultation and engagement with affected communities and stakeholders.		
Competency indicators include:		
• demonstrated ability to prepare stakeholder engagement plans.		
• able to carry out stakeholder mapping, including their interests, influence and materiality.		
• can explain how to identify communities of direct interest within the stakeholder network.		
• can organise and undertake engagement activities at individual, small group, medium- and large-scale levels.		
• can manage community and stakeholder direct feedback of views and concerns regarding existing operations and proposed projects.		
• able to prepare community and stakeholder communication plans including key messages.		
• can contribute as relevant to public disclosure reports, such as annual sustainability reporting, JORC and VALMIN public disclosure, stock exchange announcements.		
• demonstrated skills in social media management.		

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3. Cultural competency & training	Self/Team assessment	Desired rating
AoP competency overall		
Understanding the customs, norms and values of different local and minority community groups.		
Competency indicators include:		
• can explain how and why minority world views may differ from those of the dominant culture and how this affects their experience the impacts of extractive activities.	–	–
• demonstrates understanding of how different world views affect social and business relationships, behaviours and political outcomes.	–	–
• can describe the difficulties that local, marginalised and other minority groups may experience in the face of development.	–	–
• demonstrates respect for ethnic, race, gender, class and authority relationships	–	–
• can exercise the fundamentals of active listening, dialogue and consensus communication.	–	–
• is able to reconcile local customs, values, rights, interests and norms into the context of legal and international conventions.	–	–
• can design, manage and deliver cross cultural training and induction.	–	–

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- 8 Resettlement and population movement
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4. Indigenous and land-connected people		Self/Team assessment	Desired rating
AoP competency overall			
Understanding the risks, threats and opportunities when working with land-connected and Indigenous peoples.			
Competency indicators include:			
• demonstrated understanding of the social nature of Indigenous recognition.			
• demonstrated awareness of traditional and/or legal title and claims to land, water and other natural resources.			
• can explain frameworks of colonisation and national inclusion.			
• can explain the alienation that disconnection from land and waters can cause.			
• can manage issues associated with competing claims for land, water and other resources.			
• can explain the role of Indigenous institutions and representative organisations.			
• can describe the history of minerals sector engagement with Indigenous peoples and how it has changed over time			
• demonstrable knowledge of relevant national and international context, standards, guidance and laws, such as Free, Prior, Informed Consent (FPIC) and the UN Declaration on the Rights of Indigenous Peoples (UNDRIP).			

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5. Prevention and management of social risk and conflict		Self/Team assessment	Desired rating
AoP competency overall			
Can identify and manage qualitative social risks, impacts and conflict.			
Competency indicators include:			
• Is able to analyse the nature and causes of social and related business risks.			
• can identify conflicting interests and prohibitions between/within different community groups.			
• able to design systems and action aimed at prevention, management, remediation, resolution and recompense of social harm.			
• able to design systems for and manage community concerns, complaints and grievance procedures.			
• can participate in social incident investigation and mitigation.			
• is conversant in active listening, restorative justice, mediation, dialogue and consensus building.			
• can explain issues associated with artisanal mining and how to manage interaction.			
• experience in and/or can explain the importance of civic interface in emergency response procedures and situations.			

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6. Cultural heritage management		Self/Team assessment	Desired rating
AoP competency overall			
Can identify and manage the protection of cultural heritage values, rights and interests.			
Competency indicators include:			
• can explain the diverse forms of tangible and intangible cultural heritage values and their interaction.			
• can explain the roles and relationship of archaeology and anthropology in assessing different heritage values, potential impacts upon them and associated resource enterprise risks.			
• demonstrated ability to design and implement cultural heritage management systems.			
• demonstrated ability to develop cultural heritage protection approaches with the involvement of communities and relevant stakeholders.			
• able to design mitigation procedures that avoid and minimise potential cultural heritage impacts (e.g., work clearance and chance finds procedures).			
• able to integrate cultural heritage considerations, risks, protection procedures and penalties into operational practice.			
• can explain why approaches and programs aimed at cultural heritage enhancement and celebration are important.			
• demonstrated ability to be able to work with cultural heritage custodians to identify the limits of acceptable cultural change.			

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7. Local level agreements (LLA)		Self/Team assessment	Desired rating
AoP competency overall			
Can manage the negotiation and implementation of LLA in various resource enterprise, land use, recreational, cultural and jurisdictional contexts, recognising that they apply across an entire enterprise with senior management accountability.		–	–
Competency indicators include:			
• can identify formal and informal land, water and other natural resource tenure.		–	–
• able to work with relevant social groups and legal professionals to negotiate agreements as formal contracts covering access to resources on an entire enterprise basis.		–	–
• can design ‘fit for purpose’ LLA, ranging from simple memoranda of understanding to comprehensive legal agreements.		–	–
• demonstrated understanding of the difference between compensation and benefits, and to the ability to reach agreement on requisite levels in LLA.		–	–
• able to build environmental rehabilitation and post-closure options into LLA.		–	–
• able to negotiate mutual accountability frameworks for the management of social impacts and commitments.		–	–
• can design and negotiate institutional arrangements and governance structures for durable LLA.		–	–
• able to set up monitoring and evaluation systems for LLA and contained commitments.		–	–

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8. Resettlement and population movement		Self/Team assessment	Desired rating
AoP competency overall			
Can identify, analyse and manage the risks associated with population movements arising from natural resource exploration, development, closure and/or re-purposing.			
Competency indicators include:			
• can explain the challenges of in-migration, resettlement and/or the economic displacement of people and their livelihoods.			
• able to identify existing, emerging and latent socio-economic drivers of migration.			
• demonstrably knowledge of resettlement, economic displacement and in-migration mitigation approaches.			
• able to align population movement mitigation with resource and project development schedules.			
• can describe gender, age, ethnic and other social identity considerations.			
• can scope and/or prepare resettlement and economic displacement action plans (RAP)			

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9. Local and regional development		Self/Team assessment	Desired rating
AoP competency overall			
Demonstrable understanding of the negative impacts and positive influence that natural resource development can have in a region and advise how to leverage this for resource enterprise and affected community benefit, including for post-mining economy.		–	–
Competency indicators include:			
• can explain the fundamentals and benefits of local and regional economic development.		–	–
• is conversant with economic studies, such as Economic Value Added (EVA) and Input-Output analysis.		–	–
• can explain the respective roles of communities, resource enterprises, government, NGO's and philanthropy in regional development.		–	–
• can explain the mutual benefit of shared infrastructure (e.g., roads, airports and emergency services) and advice how to achieve.		–	–
• can apply participatory and partnership approaches that involve governments, community groups and specialist agencies having different resources and skills, mutual commitments, accountability and reciprocity.		–	–

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- 13 Mining enterprise management systems
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10. Management, monitoring and evaluation of social projects		Self/Team assessment	Desired rating
AoP competency overall			
Able to identify, select and effectively manage resource enterprise-supported social projects.			
Competency indicators include:			
can design business strategies and undertake cost/benefit analysis, control and assurance of social projects.		–	–
able to build sustainable social project partnerships that include capacity development, respective resource inputs and value alignment.		–	–
able to monitor and evaluate social project viability, risks, progress and outcomes.		–	–
can design quantitative and qualitative performance indicators (e.g., education, health and economic metrics).		–	–
can ensure the involvement of affected community groups and other appropriate organisations.		–	–
can explain the different social project and endowment governance structures (e.g. trusts, foundations, managed funds, direct management).		–	–

- 1 Social Science
- 2 Community and stakeholder communication and engagement
- 3 Cultural competency and training
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- 7 Local level agreements (LLA)
- 8 Resettlement and population movement
- 9 Local and regional development
- 10 Management, monitoring and evaluation of social projects
- 11 Local employment and workforce development**
- 12 Local enterprise facilitation and development
- 13 Mining enterprise management systems
- 14 Multi-lateral and financial institutions standards
- 15 Sustainable Development principles
- 16 Workplace and community health, safety and security

11. Local employment and workforce development		Self/Team assessment	Desired rating
AoP competency overall			
In conjunction with human resources, operational functions and community representatives, is able to design processes for improving local employability and employment and brokering this within a resource enterprise.		–	–
Competency indicators include:			
• can contribute to the design of appropriate and effective methods for training local people to be work-ready.		–	–
• can explain the importance of and how to identify, recruit, select and employ suitable local people.		–	–
• can advise local employees selection processes and criteria that match resource enterprise and community needs.		–	–
• able to design and undertake local employment performance monitoring and regular reporting to relevant communities.		–	–
• can explain how to mitigate potential negative impacts of formal employment on family life, gender relationships and other local norms.		–	–
• can explain the benefit and how to expand local employment opportunities through contractor activities.		–	–

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12. Local employment and workforce development		Self/Team assessment	Desired rating
AoP competency overall			
In conjunction with procurement, other functions and community and government representatives, is able to facilitate the development of local/regional small and medium enterprises (SME),			
Competency indicators include:			
• able to explain approaches and methods to identify local entrepreneurs and SME opportunities.			
• can contribute to the design of resource enterprise processes for sourcing of local goods and services, including optimal invoicing arrangements.			
• able to contribute to fostering collaborative SME development and network programs, enterprise incubators and advisory services.			
• can broker SME development partnerships with government, civil society and other enterprises.			
• can explain SME marketing fundamentals.			
• can explain the principles of micro-financing and other SME funding models.			
• able to set up local enterprise performance monitoring and reporting systems for internal and external purposes.			

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13. Mining enterprise management systems*		Self/Team assessment	Desired rating
AoP competency overall			
Demonstrable familiarity with enterprise governance and management systems and their use in the course of ESP work to create enterprise value.			
Competency indicators include:			
• can explain overarching enterprise context, needs and strategies, and positioning ESP accordingly.			
• can contribute to qualitative risk and materiality assessments to appropriately position ESP factors in risk registers with cost provisioning.			
• can manage ESP matters in a way that considers why and how external stakeholders interact with mining enterprises and ensures that interactions add value to them and a resource enterprise.			
• can explain ESP in a whole-of-enterprise organisational context, particularly with reference to Health and Safety, Human Resources, Finance, Operations, Risk, Internal Audit, Legal, Communication, Government and Public Relations functions.			
• able to manage ESP matters through an enterprise's existing systems and tools, such as change management approaches, budgeting tools and lean boards.			
• can ensure community and stakeholder feedback is adequately recorded and understood within and across a resource enterprise.			
• can contribute to establishing ESP accountability in enterprise management frameworks and practice.			
• can ensure ESP compliance and performance consequences are appropriately understood and factored into enterprise audit/assurance processes.			
<i>This Area of Practice relates to systemic requirements in the natural resources sector and can equally apply to Environment and Social Performance (ESP) and other professional disciplines.</i>			

- 1 Social Science
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- 13 Mining enterprise management systems
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- 15 Sustainable Development principles
- 16 Workplace and community health, safety and security

14. Multi-lateral and financial institutions standards*		Self/Team assessment	Desired rating
AoP competency overall			
Able to manage ESP matters to achieve enterprise compliance with government and other external ESP policies, standards and guidelines (see below).			
Competency indicators include:			
• can explain relevant context-specific jurisdictional statutory, regulatory and policy requirements.			
• can explain relevant United Nations (UN) and International Labour Organisation (ILO) and other declarations, such as the UN Guiding Principles on Business and Human Rights, the UN Declaration on the Rights of Indigenous Peoples and the Voluntary Principles on Security and Human Rights.			
• demonstrable familiarity with International Finance Corporation (IFC) and similar Performance Standards.		–	–
• demonstrable familiarity with Equator Bank and other relevant principles, codes of conduct and good practice.		–	–
• demonstrable familiarity with Extractive Industries Transparency Initiative (EITI) and the Global Reporting Initiative (GRI).		–	–
• demonstrable familiarity with OECD Due Diligence Guidance for Responsible Business Conduct		–	–
• demonstrable familiarity with relevant management certification standards (e.g., ISO 14001 and ISO 26000);		–	–
• can contribute to the adequately positioning and management of ESP practice, governance and reporting to help secure financing.		–	–
<i>This Area of Practice relates to systemic requirements in the natural resources sector and can equally apply to Environment and Social Performance (ESP) and other professional disciplines.</i>			

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15. Sustainable Development principles	Self/Team assessment	Desired rating
AoP competency overall		
Understanding the history of Sustainable Development (SD), evolving Sustainability expectations and how this relates to business Environment-Social-Governance (ESG) performance, metrics and reporting (see below).	–	–
Competency indicators include:		
• can list economic, social, environmental and governance (ESG) aspects of Sustainable Development.	–	–
• can explain concepts like intergenerational equity, materiality and natural and social capital fungibility.	–	–
• can explain the importance of ESG in Sustainability Standards Accounting Board and other accounting approaches.	–	–
• can contribute to ESG supply chain assessments.	–	–
• can explain and refer to extractive sector ESG alignment with the UN Sustainable Development Goals (SDGs).	–	–
• can reference International Council for Mining and Metals (ICMM) 10 Principles.	–	–
• can reference the ICMM Sustainable Development Framework and Assurance Standard.	–	–
• can explain how ESG-related matters factor in stock exchange sustainability indices and reporting.	–	–
• can contribute to the design of relevant ESG performance metrics in annual sustainability reporting consistent with the Global Reporting Initiative (GRI).	–	–
<i>This Area of Practice relates to systemic requirements in the natural resources sector and can equally apply to Environment and Social Performance (ESP) and other professional disciplines.</i>		

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16. Workplace and community health, safety and security

	Self/Team assessment	Desired rating
AoP competency overall		
Can align and manage relevant ESP work within a safety-oriented culture and enterprise health, safety and security systems, including mental health considerations.		
Competency indicators include:		
• can contribute to workplace, supply chain and community health, safety and security risk assessments.		
• can contribute to workplace, supply chain and community hazard identification and mitigation.		
• demonstrable familiarity and compliance with health, safety and security controls.		
• able to effectively monitor ESP-related health, safety and security matters.		
• demonstrated ability to participate in root cause analysis of ESP-related health and safety incidents.		

AoP competency overall

Can align and manage relevant ESP work within a safety-oriented culture and enterprise health, safety and security systems, including mental health considerations.

Competency indicators include:

- can contribute to workplace, supply chain and community health, safety and security risk assessments.
- can contribute to workplace, supply chain and community hazard identification and mitigation.
- demonstrable familiarity and compliance with health, safety and security controls.
- able to effectively monitor ESP-related health, safety and security matters.
- demonstrated ability to participate in root cause analysis of ESP-related health and safety incidents.

This Area of Practice relates to systemic requirements in the natural resources sector and can equally apply to Environment and Social Performance (ESP) and other professional disciplines.

[Specific Courses](#)
[Associated Courses](#)
[Home](#)

Course (Click [▶](#) for course information)

Course	Provider	Mode of delivery	Study hours
▶ ESG and Social Responsibility	AUSIMM	🌐	40 hrs
▶ Gender and Mining Governance	UNDP	🌐	18 hrs
▶ Company-Community Relations: Training Materials	ICMM	🌐	-
▶ Indigenous Cultural Heritage Management: the Australian Resources Sector	The University of Queensland	🌐	30 hrs
▶ Social Impact Assessment in the Extractives: Critical Perspectives	The University of Queensland	🌐	15 hrs
▶ Community Relations at Exploration	The University of Queensland	🌐	25 hrs
▶ New Governance for Mining and Resource Leaders	The University of Queensland	🌐	40 hrs
▶ Minerals and Mining in a Sustainable World	The University of Queensland	🌐	20 hrs
▶ Mining and Sustainability	Curtin University	🌐	1 semester
▶ Responsible Mining	Curtin University	🌐	1 semester
▶ Cultural Heritage and the Law	Flinders University	👤	5 days
▶ Mining and Environment	University of Adelaide	🌐👤	1 semester
▶ Sustainable Mining Fundamentals	Informa Connect	🌐👤	1 day
▶ Industry and Communities: A New Paradigm Around Social Performance	Colorado School of Mines	👤	3 days
▶ Introduction to ESG	Edumine	🌐	3 hrs
▶ Managing Non-Technical Risks	PetroSkills	👤	4 days
▶ Sustainable Management in the Extractive Industry	Future Learn	🌐	18 hrs
▶ Transition from CSR to ESG in the Mining Sector	Spire Events	👤	-
▶ Graduate Diploma Social Performance Management in the Extractive Industries	Queen's University	🌐	24 weeks
▶ Executive Learning Program in Mining Law and Sustainability	University of British Columbia	🌐	25 hrs
▶ Corporate Social Responsibility	Thomson Rivers University	🌐	42 hrs
▶ Social Impact Assessment	University of Strathclyde	🌐	60 hrs
▶ Oil and Gas ESG [Environmental, Social & Governance] Fundamentals	RPS Training	🌐	2 days
▶ Oil, Gas and Mining Governance in Emerging Markets	University of Oxford	👤	5 days
▶ A variety of training courses on demand	Plexus Energy	👤	-

Social Performance Areas of Practice

Social Science	Community and stakeholder Engagement	Cultural competency & training	Indigenous and land-connected peoples	Prevention and management of social risk and conflict	Cultural heritage management	Local level agreements (LLA)	Resettlement and population movement	Local and regional development	Management and evaluation of social projects	Local employment and workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles
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Specific Courses

Course (Click for course info)

- ESG and Social Responsibility
- Gender and Mining Governance
- Company-Community Relationships
- Indigenous Cultural Heritage
- Social Impact Assessment
- Community Relations at End of Mine
- New Governance for Mining
- Minerals and Mining in a Sustainable World
- Mining and Sustainability
- Responsible Mining
- Cultural Heritage and the Law
- Mining and Environment
- Sustainable Mining Fundamentals
- Industry and Communities
- Introduction to ESG
- Managing Non-Technical Financial Risk
- Sustainable Management
- Transition from CSR to ESG
- Graduate Diploma Social Performance
- Executive Learning Program
- Corporate Social Responsibility
- Social Impact Assessment
- Oil and Gas ESG [Environmental, Social and Governance]
- Oil, Gas and Mining Governance
- A variety of training courses

ESG and Social Responsibility

Provider

AUSIMM

Jurisdiction

Australia

40 hrs

 Online

Course overview

Examine environment, social and governance performance and social responsibility (ESG/ SR) through critical thinking and authentic resource sector experience looking at ESG/SR risk, threats and opportunities, and developing workplace responses, execution, assurance and performance reporting.

Social Performance Areas of Practice

- | | |
|---|--|
| ✓ Social Science | ✓ Cultural heritage management |
| ✓ Community and stakeholder Engagement | ✓ Local level agreements (LLA) |
| ✓ Indigenous and land-connected peoples | ✓ Multi-lateral and financial institutions standards |
| ✓ Prevention and management of social risk and conflict | ✓ Sustainable Development principles |

Visit course website →

Specific Courses

- Course (Click ▶ for course info)
- ▶ ESG and Social Responsibility
 - ▶ Gender and Mining Governance
 - ▶ Company-Community Relationships
 - ▶ Indigenous Cultural Heritage
 - ▶ Social Impact Assessment
 - ▶ Community Relations at Exploration
 - ▶ New Governance for Mining
 - ▶ Minerals and Mining in a Sustainable World
 - ▶ Mining and Sustainability
 - ▶ Responsible Mining
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 - ▶ Sustainable Management
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 - ▶ Executive Learning Program
 - ▶ Corporate Social Responsibility
 - ▶ Social Impact Assessment
 - ▶ Oil and Gas ESG [Environment]
 - ▶ Oil, Gas and Mining Governance
 - ▶ A variety of training courses on demand

Gender and Mining Governance

Provider

UNDP

Jurisdiction

International

18 hrs

 Online

Course overview

This four-module course compiles research from leading institutions in the industry to build awareness and skills in regards to gender governance in the mining industry.

Social Performance Areas of Practice

✓ Community and stakeholder Engagement

✓ Cultural competency & training

Visit course website →

Social Performance Areas of Practice									
workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles						
		✓	✓						
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Specific Courses

- Course (Click ▶ for course info)
- ▶

 ESG and Social Responsibility
- ▶

 Gender and Mining Governance
- ▶

 Company-Community Relationships
- ▶

 Indigenous Cultural Heritage
- ▶

 Social Impact Assessment
- ▶

 Community Relations at Exploration
- ▶

 New Governance for Mining
- ▶

 Minerals and Mining in a Sustainable World
- ▶

 Mining and Sustainability
- ▶

 Responsible Mining
- ▶

 Cultural Heritage and the Law
- ▶

 Mining and Environment
- ▶

 Sustainable Mining Fundamentals
- ▶

 Industry and Communities
- ▶

 Introduction to ESG
- ▶

 Managing Non-Technical Risks
- ▶

 Sustainable Management
- ▶

 Transition from CSR to ESG
- ▶

 Graduate Diploma Social Performance
- ▶

 Executive Learning Program
- ▶

 Corporate Social Responsibility
- ▶

 Social Impact Assessment
- ▶

 Oil and Gas ESG [Environmental]
- ▶

 Oil, Gas and Mining Governance
- ▶

 A variety of training courses on demand

Company-Community Relations: Training Materials

Provider

ICMM

Jurisdiction

International

-

 Online

Course overview

ICMM has produced a series of training materials, based on key concepts from their suite of guidance, to assist companies in developing mutually supportive and resilient company-community relationships.

Social Performance Areas of Practice

✔

 Community and stakeholder Engagement

✔

 Multi-lateral and financial institutions standards

Visit course website →

Social Performance Areas of Practice				
workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles	
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Specific Courses

- Course (Click ▶ for course info)
- ESG and Social Responsibility
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 - Sustainable Mining Fundamentals
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 - Oil and Gas ESG [Environmental]
 - Oil, Gas and Mining Governance
 - A variety of training courses on demand

Indigenous Cultural Heritage Management: the Australian Resources Sector

Provider

The University of Queensland

Jurisdiction

Australia

30 hrs



Online

Course overview

The foundational processes, practices and requirements for ensuring that cultural heritage is managed effectively and respectfully throughout the life of a mining operation.

Social Performance Areas of Practice

- ✓

Social Science
- ✓

Community and stakeholder Engagement
- ✓

Cultural competency & training
- ✓

Indigenous and land-connected peoples
- ✓

Prevention and management of social risk and conflict
- ✓

Cultural heritage management

Visit course website →

Social Performance Areas of Practice									
workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles						
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Specific Courses

Course (Click ▶ for course info)

- ▶ ESG and Social Responsibility
- ▶ Gender and Mining Governance
- ▶ Company-Community Relations
- ▶ Indigenous Cultural Heritage
- ▶ Social Impact Assessment
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- ▶ Oil and Gas ESG [Environmental]
- ▶ Oil, Gas and Mining Governance
- ▶ A variety of training courses on demand

Social Impact Assessment in the Extractives: Critical Perspectives

Provider
The University of Queensland

Jurisdiction
Australia

15 hrs

🌐 Online

Course overview

Key considerations for social impact assessment (SIA) in large-scale resource extraction and gives critical perspectives on SIA drawing upon a diverse range of Australian and international examples.

Social Performance Areas of Practice

- ✔ Social Science
- ✔ Community and stakeholder Engagement
- ✔ Cultural competency & training
- ✔ Prevention and management of social risk and conflict
- ✔ Multi-lateral and financial institutions standards

Visit course website →

Back



Social Performance Areas of Practice

workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles
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			✔

[Back](#)



Community Relations at Exploration

The University of Queensland

Australia

25 hrs

 Online

Aims to equip key exploration personnel to build an accessible and useful knowledge base of social data, undertake meaningful engagement, and manage social impacts and opportunities.

Social Performance Areas of Practice

 Social Science

 Community and stakeholder Engagement

- ✔ Prevention and management of social risk and conflict

✔ Local and regional development

Visit course website →

Back

New Governance for Mining and Resource Leaders

The University of Queensland

Australia

 Online

This course fills a crucial gap for people who already 'know mining' but need to manage increasingly complex environmental, health, safety and social performance requirements and expectations.

 Social Science

 Community and stakeholder Engagement

- ✔ Prevention and management of social risk and conflict

 Sustainable Development principles

Visit course website →

[Back](#)



Course overview

Explore the role of minerals in society and their contribution to sustainable development.

Provider

The University of Queensland

Jurisdiction

Australia

20 hrs

 Online

Social Performance Areas of Practice

- Sustainable Development principles

Visit course website →

Course (Click for course info)

- ESG and Social Responsibility
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- Executive Learning Program
- Corporate Social Responsibility
- Social Impact Assessment
- Oil and Gas ESG [Environmental, Social and Governance]
- Oil, Gas and Mining Governance
- A variety of training courses

Back

Provider

Curtin University

Jurisdiction

Australia

1 semester

 Online

Course overview

This unit provides students with a comprehensive and practical understanding of the range of impacts that mining may have on society and the environment.

Social Performance Areas of Practice

- | | |
|---|--|
| ✓ Community and stakeholder Engagement | ✓ Local level agreements (LLA) |
| ✓ Indigenous and land-connected peoples | ✓ Multi-lateral and financial institutions standards |
| ✓ Prevention and management of social risk and conflict | ✓ Sustainable Development principles |

Visit course website →

Back

Responsible Mining

This unit provides students with a comprehensive and practical understanding of the range of impacts that mining may have on society and the environment.

Curtin University

Australia

1 semester

 Online

- ✓ Indigenous and land-connected peoples

- ✔ Prevention and management of social risk and conflict

 Sustainable Development principles

Visit course website →

Specific Courses

Course (Click > for course info)

- > ESG and Social Responsibility
- > Gender and Mining Governance
- > Company-Community Relations
- > Indigenous Cultural Heritage
- > Social Impact Assessment
- > Community Relations at Exploration
- > New Governance for Mining
- > Minerals and Mining in a Sustainable World
- > Mining and Sustainability
- > Responsible Mining
- > Cultural Heritage and the Law
- > Mining and Environment
- > Sustainable Mining Fundamentals
- > Industry and Communities
- > Introduction to ESG
- > Managing Non-Technical Risks
- > Sustainable Management
- > Transition from CSR to ESG
- > Graduate Diploma Social Performance
- > Executive Learning Program
- > Corporate Social Responsibility
- > Social Impact Assessment
- > Oil and Gas ESG [Environmental]
- > Oil, Gas and Mining Governance
- > A variety of training courses on demand

Cultural Heritage and the Law

Provider

Flinders University

Jurisdiction

Australia

5 days

 In person

Course overview

This course critically examines the changing meaning of cultural heritage within a social, cultural and historical context. The role of law in shaping notions of cultural heritage will be a particular focus of this topic.

Social Performance Areas of Practice

 Social Science

 Indigenous and land-connected peoples

 Cultural heritage management

 Local level agreements (LLA)

Visit course website →

Social Performance Areas of Practice

workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			

Back

Mining and Environment

University of Adelaide

Australia

1 semester

  Online/ In person

This course provides a comprehensive and practical understanding of the impacts that mining may have on society and the environment. It also provides an appreciation of management principles and practices vital to successful mine management.

Social Performance Areas of Practice

- ✓ Prevention and management of social risk and conflict
 - ✓ Sustainable Development principles
 - ✓ Local and regional development

Visit course website →

Back



Course overview

A review of case histories illustrate environmental risks that are encountered, particularly for projects in areas with little experience of mining. Environmental issues are discussed, with reference to the relative importance of each issue in different geographic, social and political situations.

Social Performance Areas of Practice

- ✓ Community and stakeholder Engagement
 - ✓ Prevention and management of social risk and conflict
 - ✓ Management and evaluation of social projects
 - ✓ Sustainable Development principles

Visit course website →

Course (Click  for course info)

- ESG and Social Responsibility
- Gender and Mining Governance
- Company-Community Relationships
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- Social Impact Assessment
- Oil and Gas ESG [Environmental, Social and Governance]
- Oil, Gas and Mining Governance
- A variety of training courses

Industry and Communities: A New Paradigm Around Social Performance

Provider

Colorado School of Mines

Jurisdiction

USA

3 days

 **In person**

Course overview

The course will use global case studies from all over the world, including the US, to illustrate the typical problems that businesses face in dealing with communities. It will also present solutions. The content will primarily draw on experiences in the natural resource sector, including mining and oil & gas.

Social Performance Areas of Practice

- | | |
|---|--|
| ✓ Social Science | ✓ Local level agreements (LLA) |
| ✓ Community and stakeholder Engagement | ✓ Resettlement and population movement |
| ✓ Indigenous and land-connected peoples | ✓ Management and evaluation of social projects |
| ✓ Prevention and management of social risk and conflict | ✓ Multi-lateral and financial institutions standards |
| ✓ Cultural heritage management | ✓ Sustainable Development principles |

Visit course website →

Specific Courses

Course (Click for course info)

- ESG and Social Responsibility
- Gender and Mining Governance
- Company-Community Relationships
- Indigenous Cultural Heritage
- Social Impact Assessment
- Community Relations at End of Mine
- New Governance for Mining
- Minerals and Mining in a Sustainable World
- Mining and Sustainability
- Responsible Mining
- Cultural Heritage and the Law
- Mining and Environment
- Sustainable Mining Fundamentals
- Industry and Communities
- Introduction to ESG
- Managing Non-Technical Financial Risk
- Sustainable Management
- Transition from CSR to ESG
- Graduate Diploma Social Performance
- Executive Learning Program
- Corporate Social Responsibility
- Social Impact Assessment
- Oil and Gas ESG [Environmental, Social and Governance]
- Oil, Gas and Mining Governance
- A variety of training courses

Back

Provider

Edumine

Jurisdiction

USA

3 hrs

 Online

Course overview

This introductory course gives the learner a foundational understanding of Environment, Social, Governance (ESG) practices. The content includes a brief history of sustainability, the circular economy, the global factors driving demand as well as the risks and opportunities of ESG in the mining industry.

Social Performance Areas of Practice

- ✔ Prevention and management of social risk and conflict
- ✔ Sustainable Development principles

Visit course website →

Back

Managing Non-Technical Risks

PetroSkills

USA /Canada

4 days

 In person

This course looks at both the internal and the external challenges that a company may face related to stakeholder engagement. We study key stakeholder groups, in particular those seen as 'difficult to deal with,' and then cover the practicalities of creating and maintaining effective relationships.

 Community and stakeholder Engagement

- ✔ Prevention and management of social risk and conflict

Visit course website →

Back

Sustainable Management in the Extractive Industry

Future Learn

USA

 Online

Learners will critically reflect on sustainability, discover best practice strategies, and learn how to respond to sustainability challenges faced by the mineral resource extraction sector.

- Local and regional development

- ✓ Management and evaluation of social projects

 Sustainable Development principles

Visit course website →

Back

Transition from CSR to ESG in the Mining Sector

Spire Events

USA

 In person

With growing pressure for the mining industry to be a responsible ESG player, companies need to be both ambitious and realistic about what they can deliver and build an ESG strategy that works for their individual business

 Community and stakeholder Engagement

- ✔ Prevention and management of social risk and conflict

 Sustainable Development principles

Visit course website →

Specific Courses

Course (Click  for course info)

- ESG and Social Responsibility
- Gender and Mining Governance
- Company-Community Relationships
- Indigenous Cultural Heritage
- Social Impact Assessment
- Community Relations at End of Mine
- New Governance for Mining
- Minerals and Mining in a Sustainable World
- Mining and Sustainability
- Responsible Mining
- Cultural Heritage and the Law
- Mining and Environment
- Sustainable Mining Fundamentals
- Industry and Communities
- Introduction to ESG
- Managing Non-Technical Financial Risk
- Sustainable Management
- Transition from CSR to ESG
- Graduate Diploma Social Performance
- Executive Learning Program
- Corporate Social Responsibility
- Social Impact Assessment
- Oil and Gas ESG [Environmental, Social and Governance]
- Oil, Gas and Mining Governance
- A variety of training courses

Provider
Queen's University

Jurisdiction

Canada

24 weeks

 Online

Course overview

Learning for improved approaches to community and stakeholder engagement. From impact assessment and mitigation, culturally appropriate models of community support and assistance, methods for contribution to regional economic development, as well as dispute and conflict resolution.

Social Performance Areas of Practice

- ✓ Community and stakeholder Engagement
 - ✓ Indigenous and land-connected peoples
 - ✓ Prevention and management of social risk and conflict
 - ✓ Local and regional development
 - ✓ Management and evaluation of social projects
 - ✓ Multi-lateral and financial institutions standards
 - ✓ Sustainable Development principles

[Back](#)



Visit course website →

Specific Courses

Course (Click for course info)

- ESG and Social Responsibility
- Gender and Mining Governance
- Company-Community Relationships
- Indigenous Cultural Heritage
- Social Impact Assessment
- Community Relations at End of Mine
- New Governance for Mining
- Minerals and Mining in a Sustainable World
- Mining and Sustainability
- Responsible Mining
- Cultural Heritage and the Law
- Mining and Environment
- Sustainable Mining Fundamentals
- Industry and Communities
- Introduction to ESG
- Managing Non-Technical Financial Risk
- Sustainable Management
- Transition from CSR to ESG
- Graduate Diploma Social Performance
- Executive Learning Program
- Corporate Social Responsibility
- Social Impact Assessment
- Oil and Gas ESG [Environmental, Social and Governance]
- Oil, Gas and Mining Governance
- A variety of training courses

Executive Learning Program in Mining Law and Sustainability

Provider

University of British Columbia

Jurisdiction

Canada

25 hrs

 Online

Course overview

In the rapidly evolving landscape of the global mining industry, understanding the laws and regulations that protect human, especially Indigenous, rights, address environmental challenges such as climate change, and prevent corruption is key to making informed business decisions.

Social Performance Areas of Practice

- ✔ Cultural competency & training
 - ✔ Indigenous and land-connected peoples
 - ✔ Prevention and management of social risk and conflict
 - ✔ Local level agreements (LLA)
 - ✔ Sustainable Development principles

Back



Visit course website →

[Back](#)



Course overview

Social Performance Areas of Practice

 Community and stakeholder Engagement

- ✔ Prevention and management of social risk and conflict

- ✔ Management and evaluation of social projects

 Sustainable Development principles

Visit course website →

Specific Courses

Course (Click for course info)

- ESG and Social Responsibility
- Gender and Mining Governance
- Company-Community Relationships
- Indigenous Cultural Heritage
- Social Impact Assessment
- Community Relations at End of Mine
- New Governance for Mining
- Minerals and Mining in a Sustainable World
- Mining and Sustainability
- Responsible Mining
- Cultural Heritage and the Environment
- Mining and Environment
- Sustainable Mining Fundamentals
- Industry and Communities
- Introduction to ESG
- Managing Non-Technical Financial Risk
- Sustainable Management
- Transition from CSR to ESG
- Graduate Diploma Social Performance
- Executive Learning Program
- Corporate Social Responsibility
- Social Impact Assessment
- Oil and Gas ESG [Environmental, Social and Governance]
- Oil, Gas and Mining Governance
- A variety of training courses

Back

Provider

University of Strathclyde

Jurisdiction

UK

60 hrs

 Online

Course overview

A course on social impact assessment of Energy, Oil & Gas, Mining, Infrastructure projects that is consistent with IAIA's International Principles for SIA, Guidance for SIA, IFC Environmental and Social Performance Standards, Good International Industry Practice (GIIP) and the United Nations Guiding Principles for Business and Human Rights.

Social Performance Areas of Practice

- ✓ Social Science
- ✓ Prevention and management of social risk and conflict

- ✓ Management and evaluation of social projects
- ✓ Multi-lateral and financial institutions standards

Visit course website →

Specific Courses

Course (Click for course info)

- ESG and Social Responsibility
- Gender and Mining Governance
- Company-Community Relationships
- Indigenous Cultural Heritage
- Social Impact Assessment
- Community Relations at End of Mine
- New Governance for Mining
- Minerals and Mining in a Sustainable World
- Mining and Sustainability
- Responsible Mining
- Cultural Heritage and the Law
- Mining and Environment
- Sustainable Mining Fundamentals
- Industry and Communities
- Introduction to ESG
- Managing Non-Technical Financial Risk
- Sustainable Management
- Transition from CSR to ESG
- Graduate Diploma Social Performance
- Executive Learning Program
- Corporate Social Responsibility
- Social Impact Assessment
- Oil and Gas ESG [Environmental, Social and Governance]
- Oil, Gas and Mining Governance
- A variety of training courses

Oil and Gas ESG [Environmental, Social & Governance] Fundamentals

Provider

RPS Training

Jurisdiction

UK /Australia/ USA

2 days

 Online

Course overview

In the past few years ESG (Environmental, Social and Governance) reporting, management, and compliance has become a significant focus area for oil and gas companies. This course will provide an awareness of ESG issues that will help your organisation to thrive in today's rapidly evolving market.

Social Performance Areas of Practice

- | | |
|---|--|
| <ul style="list-style-type: none"> ✔ Community and stakeholder Engagement | <ul style="list-style-type: none"> ✔ Multi-lateral and financial institutions standards |
| <ul style="list-style-type: none"> ✔ Prevention and management of social risk and conflict | <ul style="list-style-type: none"> ✔ Sustainable Development principles |

Back



Visit course website →

Back

Oil, Gas and Mining Governance in Emerging Markets

University of Oxford

UK

5 days

 **In person**

This intensive five-day course provides the training and insight required for policy leaders in the public and private sector to work towards better management and governance of oil, gas or mineral resources for a better future.

✔ Community and stakeholder Engagement

- ✔ Cultural competency & training

- Multi-lateral and financial institutions standards

Visit course website →

Specific Courses

Course (Click ▶ for course info)

- ▶ ESG and Social Responsibility
- ▶ Gender and Mining Governance
- ▶ Company-Community Relations
- ▶ Indigenous Cultural Heritage
- ▶ Social Impact Assessment
- ▶ Community Relations at Exploration
- ▶ New Governance for Mining
- ▶ Minerals and Mining in a Sustainable World
- ▶ Mining and Sustainability
- ▶ Responsible Mining
- ▶ Cultural Heritage and the Law
- ▶ Mining and Environment
- ▶ Sustainable Mining Fundamentals
- ▶ Industry and Communities
- ▶ Introduction to ESG
- ▶ Managing Non-Technical Risks
- ▶ Sustainable Management
- ▶ Transition from CSR to ESG
- ▶ Graduate Diploma Social Performance
- ▶ Executive Learning Program
- ▶ Corporate Social Responsibility
- ▶ Social Impact Assessment
- ▶ Oil and Gas ESG [Environmental]
- ▶ Oil, Gas and Mining Governance
- ▶ A variety of training courses on demand

A variety of training courses on demand

Provider

Plexus Energy

Jurisdiction

UK

-

👤 In person

Course overview

Training in the areas of social and environmental performance, human rights, social risk management, impact assessment, stakeholder engagement and social investment for community liaison officers (CLOs), HSE and SP managers, asset managers and senior project management.

Social Performance Areas of Practice

- ✓ Community and stakeholder Engagement
- ✓ Indigenous and land-connected peoples

- ✓ Prevention and management of social risk and conflict

Visit course website →

Social Performance Areas of Practice

workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles
		✓	✓
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		✓	✓
		✓	✓
		✓	✓

Specific Courses

Course (Click for course info)

- Additional training courses
- Corporate Social Responsi
- Land Acquisition, Resettle
- Corporate Social Responsi
- Environmental and Social I
- Corporate Social Responsi

Additional training courses
- see link for details

Provider

Synergy Global Consulting

Jurisdiction

South Africa

Course overview

Socio-Economic Development, Benefit, & Delivery / Community Impacts / Stakeholder Engagement / Context, Impact, & Risks

Social Performance Areas of Practice

- Multi-lateral and financial institutions standards

[Back](#)



Visit course website →

Specific Courses

Course (Click for course info)

- Additional training courses
- Corporate Social Responsi
- Land Acquisition, Resettle
- Corporate Social Responsi
- Environmental and Social I
- Corporate Social Responsi

Corporate Social Responsibility in Mining

Provider

**South Africa Development
Institute**

Jurisdiction

South Africa

 **In person**

Course overview

No details

Social Performance Areas of Practice

- Multi-lateral and financial institutions standards

[Back](#)



Visit course website →

Specific Courses

Course (Click for course info)

- Additional training courses
- Corporate Social Responsi
- Land Acquisition, Resettle
- Corporate Social Responsi
- Environmental and Social I
- Corporate Social Responsi

Land Acquisition, Resettlement, and Social Sustainability

Provider

Community Insights Group

Jurisdiction

Netherlands

2 weeks

 In person

Course overview

This training promotes understanding about and develops skills in managing the social risks and impacts associated with the development of public and private investment projects (e.g. mines, dams etc), and particularly issues related to land acquisition and resettlement.

Social Performance Areas of Practice

- ✓ Social Science
 - ✓ Community and stakeholder Engagement
 - ✓ Indigenous and land-connected peoples
 - ✓ Prevention and management of social risk and conflict
 - ✓ Resettlement and population movement

[Back](#)



Visit course website →

Specific Courses

Course (Click for course info)

- Additional training courses
- Corporate Social Responsi
- Land Acquisition, Resettle
- Corporate Social Responsi
- Environmental and Social I
- Corporate Social Responsi

Corporate Social Responsibility (CSR) in the Oil & Gas Industry

Provider

Petro Knowledge

Jurisdiction

UAE

5 days

 Online

Course overview

CSR in the Oil & Gas Industry online training course addresses the raft of issues that face companies. The focus on climate change, disasters, oil-spills and financial irregularities have all fed high-profile news stories that fuel public distrust and protest are all challenges to address.

Social Performance Areas of Practice

- Community and stakeholder Engagement
- Prevention and management of social risk and conflict

Visit course website →

Specific Courses

Course (Click for course info)

- Additional training courses
- Corporate Social Responsi
- Land Acquisition, Resettle
- Corporate Social Responsi
- Environmental and Social I
- Corporate Social Responsi

Environmental and Social Impact Assessment

Provider

Glomacs

Jurisdiction

Dubai UAE

5 days

  Online / In person

Course overview

This course provides the necessary concepts, knowledge, and good practices about managing environmental and social impacts resulting from development projects. This is a process of evaluating the likely environmental and social impacts of a proposed project

Social Performance Areas of Practice

- ✔ Prevention and management of social risk and conflict

[Back](#)



Visit course website →

Back

- Additional training courses
- Corporate Social Responsibility
- Land Acquisition, Resettlement
- Corporate Social Responsibility
- Environmental and Social
- Corporate Social Responsibility

Provider
Glomacs

Jurisdiction
Dubai UAE

Glomacs

Dubai UAE

25 hrs

Online / In person

The Corporate Social Responsibility (CSR) in the Oil & Gas Industry training course will impart skills to identify, monitor and manage issues that affect your organisation, map stakeholder interests and maintain positive stakeholder relationships within the framework of corporate policy and strategy.

 Community and stakeholder Engagement

- ✔ Prevention and management of social risk and conflict

Visit course website →

[Specific Courses](#)
[Associated Courses](#)
[Home](#)
Course (Click  for course information)

Course	Provider	Mode of delivery	Study hours
 Environmental and Social Framework (ESF) Training	World Bank		8 hrs
 ESG resource for companies	IFC		-
 Social Impact Assessment	Inter-American Development Bank		2 hrs
 Resettlement planning and impact assessment: achieving the intended outcomes	International Association for Impact Assessment		2 days
 Resettlement and livelihood restoration: Achieving the intended outcomes	International Association for Impact Assessment		12.5 hrs
 Negotiating sustainable land acquisition and resettlement agreements	International Association for Impact Assessment		-
 Social Impact Assessment: Theory and Methods	Australian National University	 	130 hrs
 Corporate Social Responsibility: the Quest for Business Sustainability	Swinburne University of Technology		150 hrs
 Communities and Social Performance	LandTrack Systems Training		1 day
 Managing Indigenous Relationships – Native Title and Cultural Heritage Law	Clayton UTZ		1 day
 Managing Indigenous Relationships – Negotiations and Consultations	Clayton UTZ		1 day
 Social value training and certification	Social Value Canada		-
 Oxford Leading Sustainable Corporations Programme	University of Oxford		6 weeks
 ESG Learning Solutions	University of Cambridge		-
 ESG Training	VinciWorks		-
 Social Licence to Operate	Country Wisdom Partners	 	-
 Sustainability training	SGS	 	-
 Corporate Social Responsibility	Scandinavian Academy		25 hrs

Social Performance Areas of Practice

Social Science	Community and stakeholder Engagement	Cultural competency & training	Indigenous and land-connected peoples	Prevention and management of social risk and conflict	Cultural heritage management	Local level agreements (LLA)	Resettlement and population movement	Local and regional development	Management and evaluation of social projects	Local employment and workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													

- Environmental and Social I
- ESG resource for compani
- Social Impact Assessment
- Resettlement planning and
- Resettlement and livelihood
- Negotiating sustainable la
- Social Impact Assessment
- Corporate Social Responsi
- Communities and Social P
- Managing Indigenous Rela
- Managing Indigenous Rela
- Social value training and c
- Oxford Leading Sustainabl
- ESG Learning Solutions
- ESG Training
- Social Licence to Operate
- Sustainability training
- Corporate Social Responsi



Visit course website →

Specific Courses

- Course (Click ▶ for course info)
- ▶ Environmental and Social I
 - ▶ ESG resource for compani
 - ▶ Social Impact Assessment
 - ▶ Resettlement planning and
 - ▶ Resettlement and livelihood
 - ▶ Negotiating sustainable la
 - ▶ Social Impact Assessment
 - ▶ Corporate Social Responsi
 - ▶ Communities and Social P
 - ▶ Managing Indigenous Rela
 - ▶ Managing Indigenous Rela
 - ▶ Social value training and c
 - ▶ Oxford Leading Sustainabl
 - ▶ ESG Learning Solutions
 - ▶ ESG Training
 - ▶ Social Licence to Operate
 - ▶ Sustainability training
 - ▶ Corporate Social Responsi

ESG resource for companies

Provider

IFC

Jurisdiction

International

-

 Online

Course overview

The IFC Sustainability Webinar Series offers IFC expertise and thought leadership on sustainability issues.

Social Performance Areas of Practice

 Community and stakeholder Engagement

 Multi-lateral and financial institutions standards

Visit course website →

Social Performance Areas of Practice				
workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles	
				
				
				
				
				
				
				
				
				
				
				

- Environmental and Social I
- ESG resource for compani
- Social Impact Assessment
- Resettlement planning and
- Resettlement and livelihood
- Negotiating sustainable la
- Social Impact Assessment
- Corporate Social Responsi
- Communities and Social P
- Managing Indigenous Rela
- Managing Indigenous Rela
- Social value training and c
- Oxford Leading Sustainabl
- ESG Learning Solutions
- ESG Training
- Social Licence to Operate
- Sustainability training
- Corporate Social Responsi

Course overview

Social Performance Areas of Practice

- ✔ Prevention and management of social risk and conflict

**Inter-American Development
Bank**

International

2 hrs

 Online

Visit course website →

Specific Courses

- Course (Click ▶ for course info)
- Environmental and Social I
 - ESG resource for compani
 - Social Impact Assessment
 - Resettlement planning and
 - Resettlement and livelihood
 - Negotiating sustainable la
 - Social Impact Assessment
 - Corporate Social Responsi
 - Communities and Social P
 - Managing Indigenous Rela
 - Managing Indigenous Rela
 - Social value training and c
 - Oxford Leading Sustainabl
 - ESG Learning Solutions
 - ESG Training
 - Social Licence to Operate
 - Sustainability training
 - Corporate Social Responsi

Resettlement planning and impact assessment: achieving the intended outcomes

Provider

International Association for Impact Assessment

Jurisdiction

International

2 days

 In person

Course overview

This training identifies the primary challenges faced when seeking to meet objectives and commitments in impact assessments, how to work with affected households to overcome these challenges and how to assess whether these outcomes have been achieved post resettlement.

Social Performance Areas of Practice

- ✓

Social Science
- ✓

Community and stakeholder Engagement
- ✓

Prevention and management of social risk and conflict
- ✓

Resettlement and population movement
- ✓

Multi-lateral and financial institutions standards

Visit course website →

Social Performance Areas of Practice				
workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles	
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Specific Courses

Course (Click for course info)

- Environmental and Social I
- ESG resource for compani
- Social Impact Assessment
- Resettlement planning and
- Resettlement and livelihood
- Negotiating sustainable la
- Social Impact Assessment
- Corporate Social Responsi
- Communities and Social P
- Managing Indigenous Rela
- Managing Indigenous Rela
- Social value training and c
- Oxford Leading Sustainable
- ESG Learning Solutions
- ESG Training
- Social Licence to Operate
- Sustainability training
- Corporate Social Responsi

Resettlement and livelihood restoration: Achieving the intended outcomes

Provider

**International Association
for Impact Assessment**

Jurisdiction

International

12.5 hrs

 Online

Course overview

This training identifies the primary challenges faced when seeking to meet objectives and commitments in impact assessments, how to work with affected households to overcome these challenges and how to assess whether these outcomes have been achieved post resettlement.

Social Performance Areas of Practice

- ✓ Social Science
 - ✓ Community and stakeholder Engagement
 - ✓ Prevention and management of social risk and conflict
 - ✓ Resettlement and population movement
 - ✓ Multi-lateral and financial institutions standards

[Back](#)



Visit course website →

Course (Click for course info)

- Environmental and Social I
- ESG resource for compani
- Social Impact Assessment
- Resettlement planning and
- Resettlement and livelihood
- Negotiating sustainable la
- Social Impact Assessment
- Corporate Social Responsi
- Communities and Social P
- Managing Indigenous Rela
- Managing Indigenous Rela
- Social value training and c
- Oxford Leading Sustainable
- ESG Learning Solutions
- ESG Training
- Social Licence to Operate
- Sustainability training
- Corporate Social Responsi

Negotiating sustainable land acquisition and resettlement agreements

Provider

**International Association
for Impact Assessment**

Jurisdiction

International

—

 Online

Course overview

The course will use a master-class approach, where participants are challenged to develop solutions to complex resettlement solutions based on real-life case studies.

Social Performance Areas of Practice

- ✓ Social Science
 - ✓ Community and stakeholder Engagement
 - ✓ Prevention and management of social risk and conflict
 - ✓ Resettlement and population movement
 - ✓ Multi-lateral and financial institutions standards

[Back](#)



Visit course website →

Specific Courses

- Course (Click ▶ for course info)
- ▶ Environmental and Social I
 - ▶ ESG resource for compani
 - ▶ Social Impact Assessment
 - ▶ Resettlement planning and
 - ▶ Resettlement and livelihood
 - ▶ Negotiating sustainable la
 - ▶ Social Impact Assessment
 - ▶ Corporate Social Responsi
 - ▶ Communities and Social P
 - ▶ Managing Indigenous Rela
 - ▶ Managing Indigenous Rela
 - ▶ Social value training and c
 - ▶ Oxford Leading Sustainabl
 - ▶ ESG Learning Solutions
 - ▶ ESG Training
 - ▶ Social Licence to Operate
 - ▶ Sustainability training
 - ▶ Corporate Social Responsi

Social Impact Assessment: Theory and Methods

Provider
Australian National University

Jurisdiction
Australia

130 hrs

  **Online / In person**

Course overview

This course will examine social impact assessment (SIA) for a range of projects and approaches and methods to understand how new interventions and projects can affect social domains such as livelihoods, institutions, social structures, and culture.

Social Performance Areas of Practice

- ✔ Social Science
- ✔ Prevention and management of social risk and conflict

- ✔ Management and evaluation of social projects

Visit course website →

Social Performance Areas of Practice				
workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles	
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Back 

- Environmental and Social I
- ESG resource for compani
- Social Impact Assessment
- Resettlement planning and
- Resettlement and livelihood
- Negotiating sustainable la
- Social Impact Assessment
- Corporate Social Responsi
- Communities and Social P
- Managing Indigenous Rela
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- Social value training and c
- Oxford Leading Sustainable
- ESG Learning Solutions
- ESG Training
- Social Licence to Operate
- Sustainability training
- Corporate Social Responsi

 Online

- ✓ Social Science
- ✓ Community and stakeholder Engagement

Visit course website →

Communities and Social Performance

LandTrack Systems Training

Australia

1 day

 **In person**

Appreciate and understand the importance of Community Relations and a Social License to Operate in primary industry. We demonstrate the benchmarks of social performance required by mining industry stakeholders and explore recent and relevant case studies.

Social Performance Areas of Practice

- ✔ Community and stakeholder Engagement
 - ✔ Sustainable Development principles
 - ✔ Prevention and management of social risk and conflict

Visit course website →

Course (Click for course info)

- Environmental and Social I
- ESG resource for compani
- Social Impact Assessment
- Resettlement planning and
- Resettlement and livelihood
- Negotiating sustainable la
- Social Impact Assessment
- Corporate Social Responsi
- Communities and Social P
- Managing Indigenous Rela
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- Oxford Leading Sustainabl
- ESG Learning Solutions
- ESG Training
- Social Licence to Operate
- Sustainability training
- Corporate Social Responsi

Provider
Clayton UTZ

Jurisdiction
Australia

1 day

 In person

Increasingly, project managers, construction personnel, environmental officers, consultants and in-house counsel must understand the legal issues relating to native title and Indigenous heritage. This workshop will assist to understand the legislative basis, practical and commercial realities.

- ✓ Cultural competency & training
- ✓ Indigenous and land-connected peoples

 Cultural heritage management

Visit course website →

- Course (Click ▶ for course info)
- Environmental and Social I
 - ESG resource for compani
 - Social Impact Assessment
 - Resettlement planning and
 - Resettlement and livelihood
 - Negotiating sustainable la
 - Social Impact Assessment
 - Corporate Social Responsi
 - Communities and Social P
 - Managing Indigenous Rela
 - Managing Indigenous Rela
 - Social value training and c
 - Oxford Leading Sustainabl
 - ESG Learning Solutions
 - ESG Training
 - Social Licence to Operate
 - Sustainability training
 - Corporate Social Responsi

Managing Indigenous Relationships – Negotiations and Consultations

Provider

Clayton UTZ

Jurisdiction

Australia

1 day

 In person

Course overview

This workshop will help you develop a greater understanding of relevant cultural protocols, strategies and approaches which you need to maximise your chances of effective and successful engagement with Indigenous communities.

Social Performance Areas of Practice

- Community and stakeholder Engagement
- Cultural competency & training
- Indigenous and land-connected peoples

- Cultural heritage management
- Local level agreements (LLA)

Visit course website →

Social Performance Areas of Practice				
workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles	
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Specific Courses

Course (Click for course info)

- Environmental and Social I
- ESG resource for compani
- Social Impact Assessment
- Resettlement planning and
- Resettlement and livelihood
- Negotiating sustainable la
- Social Impact Assessment
- Corporate Social Responsi
- Communities and Social P
- Managing Indigenous Rela
- Managing Indigenous Rela
- Social value training and c
- Oxford Leading Sustainable
- ESG Learning Solutions
- ESG Training
- Social Licence to Operate
- Sustainability training
- Corporate Social Responsi

Social value training and certification

Provider

Social Value Canada

Jurisdiction

Canada

 Online

Course overview

Social value and ESG reporting: for companies seeking to report on the value of social and environmental impact.

Social Performance Areas of Practice

- ✓ Community and stakeholder Engagement
- ✓ Prevention and management of social risk and conflict

- ✓ Management and evaluation of social projects

Visit course website →

[Back](#)

[illegible]

Back 

- Environmental and Social I
- ESG resource for compani
- Social Impact Assessment
- Resettlement planning and
- Resettlement and livelihood
- Negotiating sustainable la
- Social Impact Assessment
- Corporate Social Responsi
- Communities and Social P
- Managing Indigenous Rela
- Managing Indigenous Rela
- Social value training and c
- Oxford Leading Sustainable
- ESG Learning Solutions
- ESG Training
- Social Licence to Operate
- Sustainability training
- Corporate Social Responsi

Course overview

Social Performance Areas of Practice

 Sustainable Development principles

University of Oxford

UK

 Online

Version 1

Specific Courses

- Course (Click ▶ for course info)
- ▶ Environmental and Social I
 - ▶ ESG resource for compani
 - ▶ Social Impact Assessment
 - ▶ Resettlement planning and
 - ▶ Resettlement and livelihood
 - ▶ Negotiating sustainable la
 - ▶ Social Impact Assessment
 - ▶ Corporate Social Responsi
 - ▶ Communities and Social P
 - ▶ Managing Indigenous Rela
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 - ▶ Social value training and c
 - ▶ Oxford Leading Sustainabl
 - ▶ ESG Learning Solutions
 - ▶ ESG Training
 - ▶ Social Licence to Operate
 - ▶ Sustainability training
 - ▶ Corporate Social Responsi

ESG Learning Solutions

Provider
University of Cambridge

Jurisdiction
UK

-

 **In person**

Course overview

Investors are demanding reporting on ESG impacts. Consumers want to purchase from organisations with sustainable supply chains and a positive social impact. Employees need to work with an organisation with purpose.

Social Performance Areas of Practice

-  Community and stakeholder Engagement
-  Prevention and management of social risk and conflict
-  Sustainable Development principles

Visit course website →

Social Performance Areas of Practice				
workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles	
				
				
				
				
				
				
				
				
				

Specific Courses

- Course (Click ▶ for course info)
- ▶ Environmental and Social I
 - ▶ ESG resource for compani
 - ▶ Social Impact Assessment
 - ▶ Resettlement planning and
 - ▶ Resettlement and livelihood
 - ▶ Negotiating sustainable la
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 - ▶ Sustainability training
 - ▶ Corporate Social Responsi

ESG Training

Provider

VinciWorks

Jurisdiction

UK

-

 Online

Course overview

ESG awareness training is designed to give company’s employees an overview of what ESG means, why it’s important, and what can be done to help the company achieve its ESG goals. While the micro-course gives an introduction to ESG, the in-depth course goes into further detail of each employee’s personal role and responsibilities in their company’s ESG initiatives.

Social Performance Areas of Practice

-  Community and stakeholder Engagement
-  Sustainable Development principles

Visit course website →

Social Performance Areas of Practice				
workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles	
				
				
				
				
				
				
				
				

Course (Click for course info)

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- Oxford Leading Sustainable
- ESG Learning Solutions
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- Social Licence to Operate
- Sustainability training
- Corporate Social Responsi

Social Licence to Operate

Provider

Country Wisdom Partners

Jurisdiction

Netherlands / Spain

  Online / In person

Course overview

Company staff across industries increasingly face societal actors and have to deal with non-technical, social or environmental risks. In light of this, organisations require more than ever well trained field staff. We provide the support required, from assessment to training and coaching programs for all relevant staff. We equip your staff to best represent your business.

Social Performance Areas of Practice

-  Community and stakeholder Engagement
  Prevention and management of social risk and conflict

Visit course website →

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Specific Courses

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 - ▶ ESG Learning Solutions
 - ▶ ESG Training
 - ▶ Social Licence to Operate
 - ▶ Sustainability training
 - ▶ Corporate Social Responsi

Sustainability training

Provider

SGS

Jurisdiction

Netherlands

—

  Online / In person

Course overview

Focusing on sustainability enables you to improve efficiency, reduce risk and increase competitive advantage. Our comprehensive range of sustainability and corporate social responsibility (CSR) training courses covers a wide range of topics

Social Performance Areas of Practice

-  Prevention and management of social risk and conflict
-  Management and evaluation of social projects
-  Sustainable Development principles

Visit course website →

Social Performance Areas of Practice				
workforce development	Local enterprise facilitation and development	Multi-lateral and financial institutions standards	Sustainable Development principles	
				
				
				
				
				
				
				
				

Specific Courses

Course (Click for course info)

- Environmental and Social I
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- Sustainability training
- Corporate Social Responsi

Corporate Social Responsibility

Provider

Scandinavian Academy

Jurisdiction

Sweden

25 hrs

 In person

Course overview

Professionals in private companies, NGOs, Government, international organisations who are currently involved in CSR and wish to apply and embed the concept into their institution.

Social Performance Areas of Practice

- ✔ Community and stakeholder Engagement
 - ✔ Sustainable Development principles
 - ✔ Prevention and management of social risk and conflict

[Back](#)



Visit course website →

Guidelines	Provider	Overview	
Integrated Mine Closure - Good Practice Guide	International Council for Mining and Metals	One of the ICMM good practice guides developed with input from member company social performance practitioners.	Visit Guide →
Understanding Company-Communtiy Relations Toolkit	International Council for Mining and Metals	One of the ICMM good practice guides developed with input from member company social performance practitioners.	Visit Guide →
Community Development Toolkit	International Council for Mining and Metals	A series of good practice toolkits developed with input from member company social performance practitioners.	Visit Guide →
Community Development Toolkit	International Council for Mining and Metals	Direct link to pdf compilations of 20 tools in the ICMM social performance toolkit	Visit Guide →
Good Practice Guide Indigenous People and Mining	International Council for Mining and Metals	One of the ICMM good practice guides developed with input from member company social performance practitioners.	Visit Guide →
A Guide for Responsible Sourcing	International Council for Mining and Metals	One of the ICMM good practice guides developed with input from member company social performance practitioners.	Visit Guide →
A Guide to Resettlment Planning	International Council for Mining and Metals	One of the ICMM good practice guides developed with input from member company social performance practitioners.	Visit Guide →
A Guide to Stakeholder Engagement	International Council for Mining and Metals	One of the ICMM good practice guides developed with input from member company social performance practitioners.	Visit Guide →
Guide to Social Impact Assessment	Jane Munday and Enviromental Impact Association of Australia and NZ	A recent very readable guide to Social Impact Assessment written by a field practitioner	Visit Guide →
Community Engagement and Development Guide	Department of Industry, Science and Resources	One of a series of handbooks which provide mining managers, communities and regulators with information on leading practice approaches to the managemnet Environment and Social Performance in the minerals sector.	Visit Guide →
Communiity Health and Safety Good Practice Guide	Department of Industry, Science and Resources	One of a series of handbooks which provide mining managers, communities and regulators with information on leading practice approaches to the managemnet Environment and Social Performance in the minerals sector.	Visit Guide →
Working with Indigenous Comunities Guide	Department of Industry, Science and Resources	One of a series of handbooks which provide mining managers, communities and regulators with information on leading practice approaches to the managemnet Environment and Social Performance in the minerals sector.	Visit Guide →
Anglo American Socioeconomic Assessment Toolbox	Anglo American plc	Comprehensive guide on how to approach socioeconomic assessment at minerals assets	Visit Guide →
Columbia Center on Sustainable Development: Extractive Industries	Columbia University New York	Comprehensive guidance on how extractive industries can contribute to human and economic development	Visit Guide →

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1. Environmental science

Collecting, interpreting and applying environmental science data relevant to exploration, mining, mineral processing and closure of operations. Competency indicators include technical understanding of:

- 1.1. water, land, air, ecology, ecotoxicology, agronomy, geochemistry or other relevant environmental disciplines;
- 1.2. research techniques, experimental design and data analysis;
- 1.3. the application of environmental science to the prevention, mitigation and management of development impacts on water, land, air and ecosystems;
- 1.4. contamination sources and impacts, and remediation methods;
- 1.5. plant-soil-water interactions as applied to revegetation;
- 1.6. design of biodiversity offsets; and
- 1.7. scientific and technical report writing.

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2. Environmental engineering

Designing, constructing and operating civil, mechanical or chemical engineering facilities related to environmental management of mining and mineral processing operations. Competency indicators include:

- 2.1. design, construction and operation of water treatment and recycling plants
- 2.2. design, construction and operation of facilities to treat contaminated soils, wastes and air emissions
- 2.3. design, construction and operation of facilities to suppress noise and vibration
- 2.4. understanding the waste hierarchy;
- 2.5. preparing and implementing programs to maximize the efficiency of water use and energy use;
- 2.6. developing and implementing programs to abate greenhouse gas emissions; and
- 2.7. developing and implementing cleaner production methods.

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3. Rehabilitation, remediation, closure and repurposing

Designing and implementing programs to remediate and rehabilitate disturbed areas to achieve defined criteria and repurposing and closure objectives. Competency indicators include:

- 3.1. knowledge of methods to characterise soil, waste rock, tailings and residues;
- 3.2. knowledge of how material properties influence plant growth;
- 3.3. contamination sources and impacts;
- 3.4. design and construction of landforms, cover systems and water management structures;
- 3.5. design and implementation of methods for remediating contaminated materials;
- 3.6. species selection and plant establishment techniques;
- 3.7. engaging with internal and external stakeholders;
- 3.8. contributing to multi-disciplinary teams (environment, social, economic, engineering) to develop and evaluate post-closure and/or repurposing land use options;
- 3.9. determining closure objectives and completion criteria for facilities, structures and rehabilitated land;
- 3.10. preparation of closure management plans and closure/repurposing cost estimates;
- 3.11. assessment of closure and post-closure/repurposing (residual) risks; and
- 3.12. implementation of decommissioning, demolition, rehabilitation and repurposing projects

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4. Environmental impact assessment

Collecting and interpreting data relevant to impacts on the environment resulting from exploration, development, operations and closure activities. Competency indicators include:

- 4.1. describing the existing biophysical and socio-economic environment;
- 4.2. designing and implementing baseline studies;
- 4.3. describing the proposed project and associated environmental mitigation measures;
- 4.4. predicting environmental effects under proposed operational scenarios and under abnormal conditions;
- 4.5. preparing environmental impact assessment documentation;
- 4.6. coordination of multi-disciplinary teams and integrating environmental impact assessments with engineering, social, economic and project feasibility studies; and
- 4.7. designing and implementing engagement programs with affected communities and other stakeholders in relation to environmental impacts.

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5. Environmental monitoring

Designing and implementing environmental monitoring programs and recording data relevant to exploration, mining and mineral processing. Competency indicators include:

- 5.1. identification of environmental indicators;
- 5.2. knowledge of monitoring methods and equipment;
- 5.3. design and implementation of monitoring programs;
- 5.4. knowledge of databases, statistical analysis and interpretation of environmental data; and
- 5.5. presentation of technical data and preparation of monitoring reports.

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6. Environmental planning and management

Using environmental knowledge to minimize adverse impacts over the entire life cycle of mining and mineral processing operations. Competency indicators include:

- 6.1. integration and coordination of environmental, engineering and financial knowledge to design and plan operations;
- 6.2. undertaking environmental risk assessments;
- 6.3. understanding of Geographical Information Systems;
- 6.4. identifying, documenting and interpreting legal and organizational environmental obligations;
- 6.5. preparation and implementation of environmental management systems, plans and procedures;
- 6.6. undertaking environmental auditing;
- 6.7. reviewing performance and implementing performance improvement and corrective action programs;
- 6.8. investigation of environmental incidents; and
- 6.9. preparation of emergency procedures.

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7. Stakeholder engagement relating to the environment

Undertaking and/or participating in effective communication and engagement regarding environmental matters with affected communities and other stakeholders. Competency indicators include:

- 7.1. knowledge of organizational structure and permitting, approval and compliance processes of environmental regulators;
- 7.2. designing and implementing effective communication, consultation and engagement with affected communities and other stakeholders as part of regulatory approvals processes;
- 7.3. preparing technical and non-technical environmental information for communication with affected persons, groups and the general public;
- 7.4. understanding that different customs, norms and values of different groups influence the effectiveness of stakeholder engagement; and/or
- 7.5. engagement with landholders, non-government organisations, special interest groups or academic institutions.

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8. Environmental policy and advice

Understanding and influencing internal and external environmental policy making. Competency indicators include:

- 8.1. formulation and implementation of environmental policies with due consideration of economic and environmental factors for business, industry associations and government;
- 8.2. provision of strategic environmental advice; and
- 8.3. preparation of guidelines for good environmental management and monitoring practices.

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9. Mining enterprise management systems

Familiarity with enterprise governance and management systems and using these in the course of ESP work to create business value. Competency indicators include:

- 9.1. understanding overarching business context, needs and strategies, and positioning ESP accordingly;
- 9.2. using risk and materiality assessments to appropriately position ESP factors in risk registers;
- 9.3. managing ESP matters in a way that considers why and how external stakeholders interact with mining enterprises and ensures that interactions add value to them and the enterprises;
- 9.4. positioning ESP in an organisational context, particularly within the Health, Safety and Environment, Human Resources, Finance, Operations, Risk, Internal Audit, Communication, Government and Public Relations functions.
- 9.5. managing ESP through an enterprise's existing systems and tools, such as change management approaches, budgeting tools and lean boards;
- 9.6. establishing ESP accountability in enterprise management frameworks and business practice;
- 9.7. ensuring ESP compliance and performance consequences are accurately understood and appropriately factored into enterprise internal audit/assurance processes; and
- 9.8. developing and embedding ESP metrics into business improvement, compliance and reporting.

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10. Multi-lateral and financial institutions standards

Managing ESP matters to achieve business compliance with government and other external ESP policies, standards and guidelines. Competency indicators include working knowledge and application of:

- 10.1. context-specific jurisdictional statutory, regulatory and policy requirements;
- 10.2. relevant United Nations (UN) and International Labour Organisation (ILO) and other declarations, such as the UN Guiding Principles on Business and Human Rights, the UN Declaration on the Rights of Indigenous Peoples and the Voluntary Principles on Security and Human Rights;
- 10.3. International Finance Corporation (IFC) and similar Performance Standards;
- 10.4. Equator Bank and other relevant principles, codes of conduct and good practice;
- 10.5. Extractive Industries Transparency Initiative (EITI) and the Global Reporting Initiative (GRI);
- 10.6. OECD Due Diligence Guidance for Responsible Business Conduct;
- 10.7. relevant management certification standards (e.g. ISO 14001 and ISO 26000); and
- 10.8. adequately positioning and managing ESP practice, governance and reporting to help secure financing.

An Environmental Scientist or Environmental Engineer is a professional who undertakes activities which aim to minimize environmental harm being caused by single or multiple mining or mineral processing operations.

This work can include preparation and implementation of environmental management plans; development, implementation and analysis of environmental monitoring programs; preparation and implementation of project closure and/or repurposing plans, rehabilitation and remediation programs; preparation of environmental impact assessments; and community consultation and liaison in relation to environmental matters. These professionals prepare regulatory documents from an industry as well as a government perspective, undertaking review and approval processes for regulatory documents as well as developing related policy. Research environmental scientists/ engineers may be engaged in a range of disciplines which support the application of sustainable development principles for all phases of the mining life cycle.

Descriptors and examples of competency indicators for Areas of Practice 1-8 are intended to support Environment professional development that provides a pathway to AusIMM Chartered Professional (Environment) status. The 'Areas of Practice' are not all relevant everywhere, nor in their entirety to everyone in Environment roles considering Chartered Professional pathway and status. They are updated regularly in response to evolving industry needs. Some AoP's are systemic to the minerals sector, hence apply to both the Environment and Social Performance disciplines and are identified accordingly.

Areas of Practice descriptors 9-12 relate to systemic requirements in the minerals sector and can apply to Environment and Social Performance (ESP) and other professional disciplines.

- 1 Environmental science
- 2 Environmental engineering
- 3 Rehabilitation, remediation, closure and repurposing
- 4 Environmental impact assessment
- 5 Environmental monitoring
- 6 Environmental planning and management
- 7 Stakeholder engagement relating to the environment
- 8 Environmental policy and advice
- 9 Mining enterprise management systems
- 10 Multi-lateral and financial institutions standards
- 11 Sustainable Development principles**
- 12 Workplace and community health, safety and security

11. Sustainable Development principles

Understanding the history of Sustainable Development (SD), evolving Sustainability expectations and how this relates to business Environment-Social-Governance (ESG) performance, metrics and reporting. Competency indicators include working knowledge and application of:

- 11.1. the economic, social, environmental and governance aspects of Sustainable Development;
- 11.2. concepts like intergenerational equity, materiality and natural and social capital fungibility;
- 11.3. ESP in Sustainability Standards Accounting Board approaches;
- 11.4. sustainable supply chain assessments;
- 11.5. extractive sector ESP alignment with the UN Sustainable Development Goals (SDGs);
- 11.6. International Council for Mining and Metals (ICMM) 10 Principles;
- 11.7. ICMM Sustainable Development Framework and Assurance Standard
- 11.8. ESP factors in stock exchange sustainability indices and reporting; and
- 11.9. ESP in annual sustainability reporting consistent with the Global Reporting Initiative (GRI).

An Environmental Scientist or Environmental Engineer is a professional who undertakes activities which aim to minimize environmental harm being caused by single or multiple mining or mineral processing operations.

This work can include preparation and implementation of environmental management plans; development, implementation and analysis of environmental monitoring programs; preparation and implementation of project closure and/or repurposing plans, rehabilitation and remediation programs; preparation of environmental impact assessments; and community consultation and liaison in relation to environmental matters. These professionals prepare regulatory documents from an industry as well as a government perspective, undertaking review and approval processes for regulatory documents as well as developing related policy. Research environmental scientists/ engineers may be engaged in a range of disciplines which support the application of sustainable development principles for all phases of the mining life cycle.

Descriptors and examples of competency indicators for Areas of Practice 1-8 are intended to support Environment professional development that provides a pathway to AusIMM Chartered Professional (Environment) status. The 'Areas of Practice' are not all relevant everywhere, nor in their entirety to everyone in Environment roles considering Chartered Professional pathway and status. They are updated regularly in response to evolving industry needs. Some AoP's are systemic to the minerals sector, hence apply to both the Environment and Social Performance disciplines and are identified accordingly.

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12. Workplace and community health, safety and security

Aligning and managing ESP work within a safety-oriented culture and enterprise health, safety and security systems, including mental health considerations. Competency indicators include:

- 12.1. contributing to workplace, supply chain and community health, safety and security risk assessments;
- 12.2. contributing to workplace, supply chain and community hazard identification and mitigation;
- 12.3. familiarity and compliance with health, safety and security controls;
- 12.4. effectively monitoring of ESP-related health, safety and security matters; and
- 12.5. ability to participate in root cause analysis of ESP-related health and safety incidents.

Introduction

Business Context and Environmental Performance

The AusIMM has developing this competency assessment tool to support the development and assessment of its professional members in the Environment discipline.

Environmental practitioners advise on, guide and undertake activities that seek to minimise environmental harm and maximise benefits from resource sector activity. In doing so they constructively position resource extraction in a sustainable development context. Effective environmental work integrates with many enterprise functional areas through all stages of resource exploration, project evaluation, construction, operations, transition to closure and post-closure. It includes impact assessment, the preparation and implementation of environmental management and monitoring plans that support optimal business strategy, environmental research, environmental stakeholder engagement, the preparation of environment-related compliance and other documentation required by government and financial lenders, the development of environment-related business policy, and involvement in assurance activities. The work may involve a range of activities that support the application of sustainable development principles and Environmental, Social and Governance (ESG) requirements in all stages of the resource extraction cycle.

Purpose of Environment Competencies

Competency is essential in the effective performance of complex work. Clearly mapping the competency requirements of roles helps in the selection of the right people for the work and helps map pathways for their further career development. In this context, the competencies for an individual are defined as:

“The knowledge, skills, experience, behaviour, attitudes and attributes required to effectively perform the role”

The competencies required of those in Environment roles that are set out in this document, including examples of ‘competency indicators’, align to the Australasian Institute of Mining and Metallurgy (AusIMM) Environment Chartered Professional Area of Practice (AoP) requirements. The competency indicator lists are not intended to be exhaustive; they are intended to help people in Environment roles map the range and level of their Environment competency set.

Effective Environmental work is important for business value and continues to grow in complexity. The AoPs competencies required to deliver on Environment management objectives have grown accordingly and fall into three key areas:

1.Engagement

The ability to work closely with relevant stakeholders on ESG-related matters, and to facilitate engagement between an extractive enterprise, affected communities and other stakeholders on environmental matters.

2.Management

The ability to manage business-driven Environment work and integrate it across a resource enterprise.

3.Technical

Specialist skills in areas such as: environmental science, environmental engineering, remediation and rehabilitation, closure transition and repurposing, environmental impact assessment and evaluation, environmental monitoring, and environmental management planning.

Using Environment AoP Competencies

The Environment AoP competencies tool can be used for:

- Guiding the position descriptions, recruitment, selection and deployment of Environment practitioners.
- Enabling people working in Environment roles to self-rate their own competency profile and work with their team leader to receive constructive feedback and coaching to manage their career.
- Guiding the professional development of people in Environment roles.
- Consistently assessing, building, managing and rewarding constructive environment-related knowledge and behaviours of individuals and teams.
- Assessing competency in relevant areas for the purposes of achieving Environment Chartered Professional status in the AusIMM
- Assessing competency for the purpose of participating in, and ‘signing off’ on, relevant Environment matters under various reporting codes and due diligence exercises.

The lists of Environment competency indicators can be used in two ways.

1. When assessing an individual, a deemed rating for each Environment competency indicator can be shown by entering a single number from 0 to 5 in the first column.
2. When ‘mapping’ whether an existing Environment competency is present (somewhere) in the overall enterprise team, a single entry of a score from 0 to 5 or the symbol ☒ (designating a time-limited specific consultant) can be written in the first column; with an entry in the second column indicating the desired competency requirement. Any differences in rating indicates a gap in the team’s competency profile that may need to be filled.

Environment Competencies & Rating Levels

It is not expected that all Environment roles will need to demonstrate advanced application or mastery in any or all the competencies described. Nor will Environment professionals and workplace contexts necessarily require all the competencies. Competency requirements will depend to a large extent on the nature of the work location, life cycle stage and the environmental context.

Competency Ratings Table		
Score	Rating	Description
0	Not required	Not required to understand or apply this AoP competency.
1	Basic awareness	Is aware of this AoP competency requirement in less complex situations but unable, or not required, to apply it.
2	Basic understanding	Able to describe this AoP competency and can apply it when necessary in less complex situations.
3	Medium application	Can effectively practice and apply this AoP competency in more complex situations and contexts on a regular and consistent basis.
4	Advanced application	Able to apply this AoP in highly complex, dynamic and challenging situations. Has deep knowledge and experience and is recognised as having specialist expertise within the extractive sector.
5	Expert mastery	Demonstrates leading edge knowledge and experience of this AoP. Able to apply it in many situations. Acknowledged as an expert, especially in addressing the most complex and difficult challenges.
*	Specific requirement dependent on circumstance	Experience and expertise in this area may not be required in a permanent staff role. A time-limited need is dependent on location-specific circumstances.

- 1 Environmental Science
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- 3 Rehabilitation, remediation, closure transition and repurposing
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- 5 Environmental monitoring
- 6 Environmental planning and management
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- 8 Environmental policy and advice
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1. Environmental Science	Self/Team assessment	Desired rating
Competency overall		
Can collect, interpret and apply environmental science data relevant to exploration, mining and mineral processing operations, closure and/or repurposing.		
Competency indicators include:		
• demonstrate proficiency in quantitative and qualitative environmental investigations and research.		
• demonstrate knowledge of water, land, air, and relevant disciplines such as geology, ecology, ecotoxicology, chemistry agronomy, hydrology hydrogeology, and geochemistry.		
• demonstrate knowledge of scientific sampling methods and scientific techniques for the collection of biological, physical and chemical data,		
• able to design experiments and perform data analysis, including quantitative statistical tests and data validation.		
• demonstrate familiarity with numerical modelling techniques as applied to the bio-physical environment and understanding of strengths and weaknesses thereof.		
• able to identify contamination sources, impacts and design prevention and remediation methods.		
• can explain plant-soil-water interactions as applied to revegetation.		
• able to design and execute biodiversity offset programmes.		
• demonstrated proficiency in scientific and technical report writing.		

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2. Environmental engineering

Competency overall

Can contribute to the design, construction and operations of civil, mechanical or chemical engineering facilities related to environmental management of mining and mineral processing operations.

Competency indicators include:

- able to advise on the design, construction and operation of water treatment and recycling plants
- able to advise on the construction and operation of facilities to treat contaminated soils, wastes and air.
- able to advise on the design, construction and operation of facilities to suppress noise and vibration.
- can advise on the design and construction of landforms, cover systems and water management structures
- demonstrate an understanding of the waste hierarchy
- demonstrate an understanding of the concept of a circular economy
- able to prepare and implement programs to maximize the efficiency of water use and energy use.
- able to develop and implement programs to abate greenhouse gas and other air emissions.
- able to advise on the design, construction and operation of equipment and facilities relying on renewable and non-renewable energy sources
- can advise on the development and implementation of cleaner production methods.

Self/Team
assessment

Desired
rating

- 1 Environmental Science
- 2 Environmental engineering
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3. Rehabilitation, remediation, closure transition and repurposing		Self/Team assessment	Desired rating
Competency overall			
Able to design and implement programs to remediate and rehabilitate disturbed areas to achieve defined criteria and repurposing and closure objectives.			
Competency indicators include:			
• demonstrable knowledge of methods to characterise soil, waste rock, tailings and other residues			
• demonstrable knowledge of how material properties influence plant growth			
• able to identify contamination sources and impacts			
• can advise on the design and construction of landforms, cover systems and water management structures			
• demonstrate proficiency in plant species selection and plant establishment and habitat establishment techniques			
• able to effectively engage internal and external stakeholders for closure transition planning and implementation purposes			
• can contribute to multi-disciplinary teams (environment, social, economic, engineering) to develop and evaluate post-closure and/or repurposing land use options.			
• able to contribute to the determination of closure and/or repurposing objectives and completion criteria for facilities, structures and rehabilitated land			
• can contribute to the preparation of closure management plans and closure/repurposing cost estimates.			
• can assess closure and post-closure/repurposing (residual) risks.			
• can contribute to execution of decommissioning, demolition, rehabilitation and repurposing works			

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4. Environmental impact assessment		Self/Team assessment	Desired rating
Competency overall			
Can collect and interpret data relevant to impacts on the environment resulting from exploration, development, operations and closure activities.			
Competency indicators include:			
• demonstrate knowledge of regulatory environmental impact assessment requirements and approval processes in relevant jurisdiction(s).			
• can describe existing biophysical and socio-economic environments			
• able to design, scope and implement baseline studies			
• can describe a proposed project and associated environmental mitigation measures			
• can predict environmental effects under proposed operational scenarios and under abnormal conditions			
• can prepare environmental impact assessment documentation for regulatory and business-driven purposes			
• can coordinate multi-disciplinary teams and integrate environmental impact assessments with engineering, social, economic and project feasibility studies			
• able to design and implement engagement programs with affected communities and other stakeholders in relation to environmental impacts			

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5. Environmental monitoring		Self/Team assessment	Desired rating
Competency overall			
Able to design and implement environmental monitoring programs and set up environmental data recording systems relevant to exploration, mining and mineral processing.			
Competency indicators include:			
• demonstrate knowledge of how to apply random, systematic and temporal sampling methodologies.			
• can identify appropriate biological, physical and chemical indicators for monitoring purposes			
• demonstrable knowledge of environmental monitoring methods and equipment appropriate for biological, physical and chemical data collection			
• demonstrate understanding of sample preservation and handling and chain of custody assurance			
• demonstrate knowledge of laboratory analysis techniques			
• demonstrate knowledge of the application of remote sensing techniques to environmental monitoring			
• can design and implement environmental monitoring programs			
• demonstrable knowledge of databases, statistical analysis and interpretation of environmental data			
• able to present environmental technical data and prepare monitoring reports			

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- 6 Environmental planning and management**
- 7 Stakeholder engagement relating to the environment
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- 9 Mining enterprise management systems
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- 11 Sustainable Development principles
- 12 Workplace and community health, safety and security

6. Environmental planning and management		Self/Team assessment	Desired rating
Competency overall			
Can use environmental knowledge to minimize adverse impacts over the entire life cycle of mining and mineral processing operations.			
Competency indicators include:			
• can contribute to the integration and coordination of environmental, engineering and financial knowledge to design and plan operations			
• demonstrate understanding of land use planning concepts			
• demonstrate understanding of local customary land management practices			
• able to undertake environmental risk assessments			
• demonstrable understanding of Geographical Information Systems			
• able to identify, document and interpret legal and organisational environmental obligations			
• can prepare and implement environmental management systems, management plans and procedures			
• can undertake environmental auditing			
• can review environmental performance and implement performance improvement and corrective action programs			
• able to investigate environmental incidents			

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- 6 Environmental planning and management
- 7 Stakeholder engagement relating to the environment**
- 8 Environmental policy and advice
- 9 Mining enterprise management systems
- 10 Multi-lateral and financial institutions standards
- 11 Sustainable Development principles
- 12 Workplace and community health, safety and security

7. Stakeholder engagement relating to the environment		Self/Team assessment	Desired rating
Competency overall			
Able to undertake and/or participate in effective communication and engagement regarding environmental matters with affected communities and other stakeholders.			
Competency indicators include:			
demonstrable knowledge of organizational structure of environmental regulators and their permitting, approval and compliance processes		–	–
able to design and implement effective communication, consultation and engagement with affected communities, relevant government agencies and other stakeholders as part of regulatory approvals processes		–	–
able to contribute to stakeholder mapping, including their interests, influence and materiality.			
can prepare technical and non-technical environmental information for communication with affected persons, groups and the general public		–	–
can explain how different customs, norms and values of different groups can influence the effectiveness of stakeholder engagement		–	–
able to engage with landholders, government and non-government organisations, special interest groups and academic institutions			

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- 10 Multi-lateral and financial institutions standards
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- 12 Workplace and community health, safety and security

8. Environmental policy and advice		Self/Team assessment	Desired rating
Competency overall			
Demonstrable understanding and ability to influence internal and external environmental policy making			
Competency indicators include:			
• demonstrate an understanding of emerging environmental issues at a local and national level			
• can contribute to risk and materiality assessments of environmental issues			
• can contribute to the formulation and implementation of environmental policies with due consideration of economic, social and environmental factors for business, industry associations and government			
• able to provide strategic environmental advice at an enterprise level			
• able to provide strategic environmental advice at an enterprise level			
• can prepare guidelines for good environmental management and monitoring practices			

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- 6 Environmental planning and management
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- 8 Environmental policy and advice
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9. Mining enterprise management systems

AoP competency overall

Demonstrable familiarity with enterprise governance and management systems and their use in the course of ESP work to create business value.

Competency indicators include:

- can explain overarching business context, needs and strategies, and positioning ESP accordingly.
- can contribute to risk and materiality assessments to appropriately position ESP factors in risk registers.
- can manage ESP matters in a way that considers why and how external stakeholders interact with mining enterprises and ensures that interactions add value to them and the business.
- can explain ESP in a whole-of-business organisational context, particularly with reference to Health and Safety, Human Resources, Finance, Operations, Risk, Internal Audit, Communication, Government and Public Relations functions.
- able to manage ESP matters through an enterprise's existing systems and tools, such as change management approaches, budgeting tools and lean boards.
- can ensure community and stakeholder feedback is adequately recorded and understood within and across the business.
- can contribute to establishing ESP accountability in enterprise management frameworks and business practice.
- can ensure ESP compliance and performance consequences are appropriately understood and factored into enterprise internal audit/assurance processes.
- can develop and embed ESP metrics into business improvement, compliance and reporting.

This Area of Practice relates to systemic requirements in the natural resources sector and can equally apply to Environment and Social Performance (ESP) and other professional disciplines.

Self/Team
assessment

Desired
rating

- 1 Environmental Science
- 2 Environmental engineering
- 3 Rehabilitation, remediation, closure transition and repurposing
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- 5 Environmental monitoring
- 6 Environmental planning and management
- 7 Stakeholder engagement relating to the environment
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- 10 Multi-lateral and financial institutions standards**
- 11 Sustainable Development principles
- 12 Workplace and community health, safety and security

10. Multi-lateral and financial institutions standards		Self/Team assessment	Desired rating
AoP competency overall			
Able to manage ESP matters to achieve business compliance with government and other external ESP policies, standards and guidelines (see below).			
Competency indicators include:			
• can explain relevant context-specific jurisdictional statutory, regulatory and policy requirements.			
• can explain relevant United Nations (UN) and International Labour Organisation (ILO) and other declarations, such as the UN Guiding Principles on Business and Human Rights, the UN Declaration on the Rights of Indigenous Peoples and the Voluntary Principles on Security and Human Rights.			
• demonstrable familiarity with International Finance Corporation (IFC) and similar Performance Standards.			
• demonstrable familiarity with Equator Bank and other relevant principles, codes of conduct and good practice.			
• demonstrable familiarity with Extractive Industries Transparency Initiative (EITI) and the Global Reporting Initiative (GRI).			
• demonstrable familiarity with OECD Due Diligence Guidance for Responsible Business Conduct			
• demonstrable familiarity with relevant management certification standards (e.g., ISO 14001 and ISO 26000);			
• can contribute to the adequately positioning and management of ESP practice, governance and reporting to help secure financing.			
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- 7 Stakeholder engagement relating to the environment
- 8 Environmental policy and advice
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- 10 Multi-lateral and financial institutions standards
- 11 Sustainable Development principles**
- 12 Workplace and community health, safety and security

11. Sustainable Development principles		Self/Team assessment	Desired rating
AoP competency overall			
Understanding the history of Sustainable Development (SD), evolving Sustainability expectations and how this relates to business Environment-Social-Governance (ESG) performance, metrics and reporting (see below).			
Competency indicators include:			
• can list economic, social, environmental and governance (ESG) aspects of Sustainable Development.			
• can explain concepts like intergenerational equity, materiality and natural and social capital fungibility.			
• can explain the importance of ESG in Sustainability Standards Accounting Board and other accounting approaches.			
• can contribute to ESG supply chain assessments.			
• can explain and refer to extractive sector ESG alignment with the UN Sustainable Development Goals (SDGs).			
• can reference International Council for Mining and Metals (ICMM) 10 Principles.			
• can reference the ICMM Sustainable Development Framework and Assurance Standard.			
• can explain how ESG-related matters factor in stock exchange sustainability indices and reporting.			
• can contribute to the design of relevant ESG performance metrics in annual sustainability reporting consistent with the Global Reporting Initiative (GRI).			
<i>This Area of Practice relates to systemic requirements in the natural resources sector and can equally apply to Environment and Social Performance (ESP) and other professional disciplines.</i>			

- 1

Environmental Science
- 2

Environmental engineering
- 3

Rehabilitation, remediation, closure transition and repurposing
- 4

Environmental impact assessment
- 5

Environmental monitoring
- 6

Environmental planning and management
- 7

Stakeholder engagement relating to the environment
- 8

Environmental policy and advice
- 9

Mining enterprise management systems
- 10

Multi-lateral and financial institutions standards
- 11

Sustainable Development principles
- 12

Workplace and community health, safety and security

12. Workplace and community health, safety and security	Self/Team assessment	Desired rating
AoP competency overall		
Can align and manage relevant ESP work within a safety-oriented culture and enterprise health, safety and security systems, including mental health considerations.		
Competency indicators include:		
• can contribute to workplace, supply chain and community health, safety and security risk assessments.		
• can contribute to workplace, supply chain and community hazard identification and mitigation.		
• demonstrable familiarity and compliance with health, safety and security controls.		
• able to effectively monitor ESP-related health, safety and security matters.		
• demonstrated ability to participate in root cause analysis of ESP-related health and safety incidents.		
<i>This Area of Practice relates to systemic requirements in the natural resources sector and can equally apply to Environment and Social Performance (ESP) and other professional disciplines.</i>		

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Course (Click  for course information)

Course	Provider	Mode of delivery	Study hours
 Bachelor of Environmental Science and Management	Central Queensland University		4 years
 Bachelor of Environmental Science	Charles Darwin University		4 years
 Bachelor of Environmental Science and Management	Charles Sturt University		5 years
 Bachelor of Environmental Science	Curtin University of Technology		3 years
 Bachelor of Engineering (Environmental) Honours	Edith Cowan University		4 years
 Bachelor of Environmental Science	Griffith University		3 years
 Master of Environment/Environmental Engineering	Griffith University	 	1-1.5 years
 Master of Climate Change Adaptation	Griffith University		1 year
 Bachelor of Environmental Engineering (Hons)	Monash University		5 years
 Bachelor of Science (Earth and Environmental Sciences)	Macquarie University		3 years
 Bachelor of Environment (Environmental Sciences)	Macquarie University		3 years
 Bachelor of Science (Earth and Environmental Sciences)	Macquarie University		3 years
 Bachelor of Environmental Science	Queensland University of Technology (QUT)		3 years
 Bachelor of Environmental Science	RMIT University		3 years
 Bachelor of Environmental Engineering	RMIT University		4 years
 Master of Environmental Engineering	RMIT University		2 years
 Master of Environmental Science	Melbourne University		Various
 Master of Environmental Engineering	Melbourne University		Various
 Bachelor of Environmental Science	University of New England		3 years
 Bachelor of Environmental Science and Management	University of Newcastle		3 years
 Bachelor of Environmental Science	University of Queensland		3 years
 Bachelor of Environmental Science	University of South Australia		3 years
 Bachelor of Engineering Science (Environmental & Sustainable Engineering)	University of Southern Queensland		4 years
 Master of Engineering Science (Environmental Engineering)	University of Southern Queensland		3 years
 Master of Environmental Science	University of Sydney		1.5 years

Environment Areas of Practice

Environmental science	Environmental engineering	Rehabilitation, remediation, closure transition and	Environmental impact assessment	Environmental monitoring	Environmental planning and management	Stakeholder engagement relating to the environment	Environmental policy and advice	Mining enterprise management systems	Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											

- Bachelor of Environmental
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- Bachelor of Environmental
- Master of Environment/En
- Master of Climate Change
- Bachelor of Environmental
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- Master of Environmental S

 On campus

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Provider

Jurisdiction

4 years full-time
6 years part-time

 On campus

With the Bachelor of Environmental Science your academic studies will be combined with practical experience, allowing you to play an active role in the protection and conservation of the environment.

Foundation knowledge including biology, ecology and spatial analysis will be the base from which you learn to solve complex environmental problems. You will explore human impacts, social and cultural perspectives, identify solutions to environmental challenges, and learn how to effectively communicate information for positive environmental outcomes. Training in critical and systems thinking will empower you to tackle the environmental challenges of our time.

Environment Areas of Practice

- | | |
|---|---|
| ✓ Environmental science | ✓ Rehabilitation, remediation, closure transition and repurposing |
| ✓ Environmental impact assessment | ✓ Environmental monitoring |
| ✓ Environmental planning and management | ✓ Stakeholder engagement relating to the environment |
| ✓ Environmental policy and advice | ✓ Sustainable Development principles |

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Jurisdiction

 On campus

Environment Areas of Practice

- | | |
|---|---|
| ✓ Environmental science | ✓ Rehabilitation, remediation, closure transition and repurposing |
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| ✓ Environmental planning and management | ✓ Stakeholder engagement relating to the environment |
| ✓ Environmental policy and advice | ✓ Sustainable Development principles |

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Course

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- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Engineering (Electrical)
- > Bachelor of Environmental Science
- > Master of Environment/Environmental Science
- > Master of Climate Change
- > Bachelor of Environmental Science
- > Bachelor of Science (Earth and Planetary Sciences)
- > Bachelor of Environment (Environmental Science)
- > Bachelor of Science (Earth and Planetary Sciences)
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Master of Environmental Engineering
- > Master of Environmental Science
- > Master of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Engineering Science
- > Master of Engineering Science
- > Master of Environmental Science

Bachelor of Environmental Science

Provider

Curtin University of Technology

Jurisdiction

Western Australia

3 years full-time

6 years part-time



On campus

Course overview

Environmental scientists have to tackle challenges such as land degradation, biodiversity loss, urban and regional development, resource extraction, and pollution. This course equips you with knowledge in zoology, botany, ecology, genetics, environmental management, conservation, and sustainability.

You wil also develop essential skills in experimental design, statistics, communication, and critical thinking for environmental research. Hands-on learning will include environmental monitoring through field activities and laboratory work.

In the final year, you will undertake a capstone research project involving data collection, complemented by a work-integrated learning unit. This practical experience ensures you can address real-world environmental issues upon graduation. You can also choose from various specialisations, such as combining Environmental Science with Environmental Management and a relevant minor, preparing you to tackle current and future environmental challenges effectively.

Environment Areas of Practice



Environmental science



Environmental monitoring



Environmental impact assessment

Visit course website →

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Course

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- > Master of Climate Change
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- > Bachelor of Engineering S
- > Master of Engineering Scie
- > Master of Environmental Science

Bachelor of Engineering
(Environmental) Honours

Provider

Edith Cowan University

Jurisdiction

Western Australia

4 years full time

On campus

Course overview

This course includes a range of studies in civil engineering, focusing on the management of environmental concerns faced by engineers.

Many projects impacting land, water, or air quality require detailed environmental analysis to identify and mitigate potential adverse effects. It is vital to consider both short and long-term sustainability and environmental consequences.

The program develops knowledge and skills relevant to professional engineering practice, incorporating strong elements of practical problem-solving, teamwork, and project development. Areas of study include foundational physical and engineering sciences, computer-aided design, surveying, and core civil engineering topics. This is followed by specialised content in structural analysis, hydrology, construction technology, and project management, along with advanced studies in environmental risk assessment and management.

Environment Areas of Practice

- ✓ Environmental science
- ✓ Environmental monitoring
- ✓ Sustainable Development principles
- ✓ Environmental impact assessment
- ✓ Environmental planning and management

Visit course website →

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Course (Click for course info)

- Bachelor of Environmental
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- Bachelor of Environmental
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- Master of Engineering Scie
- Master of Environmental S

Bachelor of Environmental Science

Provider

Griffith University

Jurisdiction

Queensland

3 years full time

 On campus

Course overview

You will gain knowledge and skills from across the broad environmental science spectrum, exploring environmental issues from social, physical and biological perspectives. On completion of core science courses in your first year of study, you will choose a major that suits your interests and career plans. The final year includes a “capstone” experience where you have the option to undertake a research project or participate in industry internships to gain employment-relevant experience. Combining a discipline specific major with a major in Environmental Management will equip you with the broad set of knowledge and skills needed to be an environmental science professional.

Environment Areas of Practice

- ✓ Environmental science
 - ✓ Environmental monitoring
 - ✓ Environmental policy and advice
 - ✓ Environmental impact assessment
 - ✓ Environmental planning and management
 - ✓ Sustainable Development principles

Visit course website →

[illegible]

Course (Click ▶ for course info)

- ▶ Bachelor of Environmental
- ▶ Bachelor of Environmental
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- ▶ Master of Engineering Scie
- ▶ Master of Environmental Science

Master of Environment/ Environmental Engineering

Provider

Griffith University

Jurisdiction

Queensland

1-1.5 years full-time
3 years part-time on line

  On campus / Online

Course overview

The needs and desires of a rapidly growing global population make it more important than ever to shape our environmental future. Environmental engineering offers a pathway to protect the natural environment and its resources by minimizing the negative impact we may have on it.

In this program, you will gain an understanding of complex environmental problems and the challenges related to sustainability. You will learn to design innovative engineering solutions and manage key projects focused on environmental protection in areas such as solid and hazardous waste management, air quality monitoring and control, water and wastewater treatment, and renewable energy. Additionally, you will develop the skills to incorporate sustainability concepts into engineering practices across various disciplines.

Environment Areas of Practice

- | | |
|---|---|
| ✓ Environmental science | ✓ Environmental engineering |
| ✓ Rehabilitation, remediation, closure transition and repurposing | ✓ Environmental impact assessment |
| ✓ Environmental monitoring | ✓ Environmental planning and management |
| ✓ Stakeholder engagement relating to the environment | ✓ Mining enterprise management systems |
| ✓ Sustainable Development principles | |

Visit course website →

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Undergraduate/Graduate

Course (Click ▶ for course info)

- ▶ Bachelor of Environmental
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- ▶ Master of Environment/En
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- ▶ Bachelor of Engineering S
- ▶ Master of Engineering Sci
- ▶ Master of Environmental Science

Master of Climate Change Adaptation

Provider
Griffith University

Jurisdiction
Australia

1 year full-time

 Online

Course overview

The Climate Change Adaptation programs are designed to equip professionals from various backgrounds with a solid interdisciplinary understanding of climate change.

Participants will gain the ability to analyze its impacts and develop the creative skills necessary to enhance resilience within society and the environment. This includes formulating and implementing adaptation strategies to protect communities, businesses, government agencies, infrastructure, and natural resources. These skills can be applied at local, national, and international levels. Graduates will be empowered to engage in activities such as improving urban planning, enhancing public services to promote well-being, transforming economic development, creating new management plans to conserve biodiversity, and developing treaties to protect critical Earth systems.

Environment Areas of Practice

- ✔ Environmental science
 - ✔ Environmental impact assessment
 - ✔ Environmental planning and management
 - ✔ Environmental policy and advice
- ✔ Environmental engineering
 - ✔ Environmental monitoring
 - ✔ Stakeholder engagement relating to the environment
 - ✔ Sustainable Development principles

Visit course website →

Environment Areas of Practice

Back 

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Course (Click ▶ for course info)

- ▶ Bachelor of Environmental Engineering (Hons)
- ▶ Bachelor of Environmental Engineering (Hons)
- ▶ Bachelor of Environmental Engineering (Hons)
- ▶ Bachelor of Environmental Engineering (Hons)
- ▶ Bachelor of Engineering (Electrical and Electronic)
- ▶ Bachelor of Environmental Engineering (Hons)
- ▶ Master of Environment/Engineering
- ▶ Master of Climate Change
- ▶ Bachelor of Environmental Engineering (Hons)
- ▶ Bachelor of Science (Earth and Atmospheric Sciences)
- ▶ Bachelor of Environment (Planning and Management)
- ▶ Bachelor of Science (Earth and Atmospheric Sciences)
- ▶ Bachelor of Environmental Engineering (Hons)
- ▶ Bachelor of Environmental Engineering (Hons)
- ▶ Bachelor of Environmental Engineering (Hons)
- ▶ Master of Environmental Engineering
- ▶ Master of Environmental Science
- ▶ Master of Environmental Engineering
- ▶ Bachelor of Environmental Engineering (Hons)
- ▶ Bachelor of Environmental Engineering (Hons)
- ▶ Bachelor of Environmental Engineering (Hons)
- ▶ Bachelor of Environmental Engineering (Hons)
- ▶ Bachelor of Engineering Science
- ▶ Master of Engineering Science
- ▶ Master of Environmental Science

Bachelor of Environmental Engineering (Hons)

Provider
Monash University

Jurisdiction
Victoria

5 years full-time

 On campus

Course overview

Few branches of engineering have such a profound impact on our health, quality of life and the future wellbeing of the planet as environmental engineering. It's all about the implementation and management of solutions and programs in keeping with the principles of sustainable development and humanitarian engineering. It involves reducing energy and resource use and both minimising and managing waste and pollution, while providing the community with the development opportunities it needs to grow.

Environmental engineering encompasses water and air-pollution control, recycling, water supply, waste disposal, land management, transport and the built environment, process engineering, and public health issues.

Environment Areas of Practice

- ✓ Environmental engineering
- ✓ Environmental impact assessment
- ✓ Environmental planning and management
- ✓ Environmental policy and advice
- ✓ Sustainable Development principles

Visit course website →

Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Course (Click ▶ for course info)

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- ▶ Bachelor of Environmental Management
- ▶ Bachelor of Engineering (Electrical)
- ▶ Bachelor of Environmental Management
- ▶ Master of Environment/Environmental Management
- ▶ Master of Climate Change
- ▶ Bachelor of Environmental Management
- ▶ Bachelor of Science (Earth and Atmospheric Sciences)
- ▶ Bachelor of Environment (Environmental Management)
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- ▶ Bachelor of Environmental Management
- ▶ Bachelor of Engineering Science
- ▶ Master of Engineering Science
- ▶ Master of Environmental Science

Bachelor of Environment (Environmental Management)

Provider
Macquarie University

Jurisdiction
New South Wales

3 years full-time

 **On campus**

Course overview

Environmental management focuses on the complexity of environmental issues that are facing society today, including the interrelationships between humans and their environments, population growth, the increasing development and consumption of resources, waste management and pollution, climate change and the urgent need for a more sustainable future.

The Environmental Management major focuses on real-world problems and case studies, so you'll gain in-depth knowledge of the dynamic interplay between different physical, social, political, economic and cultural drivers, as well as skills in sourcing, analysing and integrating different forms of information. You'll be well placed to investigate environmental management issues and apply high-level skills to contribute to the development of innovative solutions that address current and future global environmental challenges.

Environment Areas of Practice

✔ Environmental science

✔ Environmental planning and management

✔ Sustainable Development principles

✔ Environmental impact assessment

✔ Environmental policy and advice

Visit course website →

Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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- > Master of Environmental Science

Bachelor of Science (Environmental Sciences)

Provider

Macquarie University

Jurisdiction

New South Wales

3 years full-time

On campus

Course overview

Environmental science is concerned with understanding natural processes, how they connect to form the natural environment and how – by measuring these processes – we can establish, disentangle and manage the impact and effect of human disturbances, climate change and environmental pollution.

The Environmental sciences major focuses on hands-on practical learning in the field and the lab, where you'll explore critical topics, including geomorphology of rivers, wetlands, coasts and dunes; pollutants and contaminants in soil, water and sediment; climate change and atmospheric processes; urban air quality; and extreme weather events. You'll learn to assess the vulnerability of human societies, ecosystems, landscapes and the atmosphere; design and implement rigorous experiments; use advanced measurement and monitoring instruments; and analyse and evaluate scientific data.

Environment Areas of Practice

- ✓ Environmental science
- ✓ Environmental monitoring
- ✓ Sustainable Development principles
- ✓ Environmental impact assessment
- ✓ Environmental planning and management

Visit course website →

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Course (Click for course info)

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- > Master of Engineering Sci
- > Master of Environmental Science

Bachelor of Science (Earth and Environmental Science)

Provider
Macquarie University

Jurisdiction
New South Wales

3 years full-time

 On campus

Course overview

The earth and environmental sciences are central to securing the future of our planet and its habitability; they exemplify the pinnacle of applied interdisciplinary scientific enterprise.

The Earth and Environmental Sciences major encompasses the study of earth processes, from its core to the living environment and atmosphere. It involves an adventure through all spatial scales, from nanometres to planetary scales, the comprehension of deep time and conceptualisation of changes in three to four dimensions. Such breadth of understanding the human–planetary relationship will inspire you to look deep into earth’s history, monitor its constantly evolving environment, and seek to predict possible futures of our planet. With knowledge of climate change, natural hazards, non-renewable resources and beyond, you’ll have the skills to provide innovative solutions for the challenges faced by stewardship of our fragile planet.

Environment Areas of Practice

-  Environmental science
-  Environmental monitoring
-  Environmental impact assessment
-  Environmental planning and management

Visit course website →

Back 

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		

Course

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- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Engineering (Electrical and Electronic Engineering)
- > Bachelor of Environmental Science
- > Master of Environment/Environmental Science
- > Master of Climate Change
- > Bachelor of Environmental Science
- > Bachelor of Science (Earth and Planetary Sciences)
- > Bachelor of Environment (Environmental Science)
- > Bachelor of Science (Earth and Planetary Sciences)
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- > Bachelor of Engineering Science
- > Master of Engineering Science
- > Master of Environmental Science

Bachelor of Environmental Science

Provider

Queensland University of Technology (QUT)

Jurisdiction

Queensland

3 years full-time

6 years part-time



On campus

Course overview

Environmental scientists have careers in planning, management, monitoring and research. These roles are usually found in government departments and agencies, local councils, consultancies, and industrial and mining companies, and you could be working in urban, rural or remote settings.

Graduates assess resources, implement environmental impact programs, analyse and interpret environmental data and formulate contingency plans in areas including strategic land-use planning; waste disposal; pollution measurement and control; coastal protection; environmental impact of mining, tourism and urban development; rehabilitation and reforestation of degraded sites; ground water assessment and modelling; flood plain planning; erosion control; and marine science.

Environment Areas of Practice

- ✓ Environmental science
- ✓ Environmental impact assessment
- ✓ Environmental monitoring
- ✓ Environmental planning and management

Visit course website →

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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- ▶ Master of Engineering Scie
- ▶ Master of Environmental Science

Bachelor of
Environmental Science

Provider

RMIT University

Jurisdiction

Victoria

3 years full-time

6 years part-time

👤 On campus

Course overview

In this degree, you will learn about processes that occur in the environment and choose to specialise in areas including environmental biology, environmental chemistry, and geospatial sciences. The environment faces threats and challenges that include climate change, habitat loss, emerging contaminant and pollution events, and food and water security. The breadth of these challenges requires a combination of knowledge and skills in chemistry, biology, statistics, research and earth sciences for an interdisciplinary approach to overcoming these difficulties.

Over the course of your environmental studies, you will undertake both practical and industry-relevant activities, where you will gain considerable hands-on experience with equipment, both in the laboratory and in the field undertake frequent field trips during the second and third year work on collaborative projects gaining hands-on experience.

These activities involve working in small groups to foster teamwork and a collaborative approach to projects and research.

Environment Areas of Practice

- ✔ Environmental science
- ✔ Environmental monitoring
- ✔ Environmental impact assessment
- ✔ Environmental planning and management

Visit course website →

Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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**Provider**

Jurisdiction

 On campus

Visit course website →

Undergraduate/Graduate

Course (Click for course info)

- > Bachelor of Environmental
- > Bachelor of Environmental
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- > Bachelor of Engineering S
- > Master of Engineering Sci
- > Master of Environmental Science

Master of Environmental Engineering

Provider
Melbourne University

Jurisdiction
Victoria

Various

 On campus

Course overview

Engineer solutions to the challenges facing our world in climate change, water resources, energy and bushfire management with the Master of Environmental Engineering at Australia’s leading university. Design sustainable solutions to the world’s environmental problems. Be guided by world leading academics specialising in energy, hydrology, hydraulics, water resources and waste management. Our experts are working on exploring wave dynamics, removing sludge from wastewater, turning any water into drinking water, and using drones in viniculture.

Environment Areas of Practice

- ✓ Environmental science
 - ✓ Environmental impact assessment
 - ✓ Environmental planning and management
 - ✓ Mining enterprise management systems
 - ✓ Sustainable Development principles
- ✓ Environmental engineering
 - ✓ Environmental monitoring
 - ✓ Stakeholder engagement relating to the environment
 - ✓ Multi-lateral and financial institutions standards

Visit course website →

Back 

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Course (Click for course info)

- Bachelor of Environmental
- Bachelor of Environmental
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- Master of Environment/En
- Master of Climate Change
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- Master of Environmental S

[Back](#)

Provider

University of New England

Jurisdiction

New South Wales

3 years full-time
Up to 10 years part-time

 On campus

Course overview

The world needs skilled scientists and innovators to tackle complex environmental issues.

Our Bachelor of Environmental Science offers a flexible curriculum that provides a solid foundation in core theories and applied skills, along with a strong understanding of local and global environmental challenges.

Located in NSW's New England region, UNE offers hands-on experience across diverse ecosystems—from arid rangelands to rainforests and urban centres. We address critical issues like water security, pollution, climate change, and biodiversity, with a focus on rural Australia. Through national and global partnerships, UNE delivers impactful research and teaching, preparing you to become an environmental scientist with the skills to create sustainable solutions.

Environment Areas of Practice

- ✓ Environmental science
 - ✓ Environmental impact assessment
 - ✓ Environmental planning and management
 - ✓ Environmental policy and advice
 - ✓ Rehabilitation, remediation, closure transition and repurposing
 - ✓ Environmental monitoring
 - ✓ Stakeholder engagement relating to the environment
 - ✓ Sustainable Development principles

Visit course website →

[illegible]

Undergraduate/Graduate

Course (Click ▶ for course info)

- ▶ Bachelor of Environmental Science
- ▶ Bachelor of Environmental Science
- ▶ Bachelor of Environmental Science
- ▶ Bachelor of Environmental Science
- ▶ Bachelor of Engineering (Electrical)
- ▶ Bachelor of Environmental Science
- ▶ Master of Environment/Environmental Science
- ▶ Master of Climate Change
- ▶ Bachelor of Environmental Science
- ▶ Bachelor of Science (Earth and Atmospheric Sciences)
- ▶ Bachelor of Environment (Environmental Science)
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- ▶ Bachelor of Environmental Science
- ▶ Bachelor of Environmental Science
- ▶ Bachelor of Environmental Science
- ▶ Bachelor of Engineering Science
- ▶ Master of Engineering Science
- ▶ Master of Environmental Science

Bachelor of Environmental Science

Provider
University of Queensland

Jurisdiction
Queensland

3 years full-time
6 years part-time

 On campus

Course overview

Equip yourself with the knowledge and skills to understand climate change impacts and devise strategies for sustainability, ecosystem management, and biodiversity preservation.

Study environmental science at Australia’s highest-ranked university for research in this field and leverage UQ’s extensive networks.

The 3-year Bachelor of Environmental Science program teaches you to monitor and predict environmental processes and the effects of human activities.

You’ll gain scientific knowledge and practical experience in ecology, conservation, environmental toxicology, and decision science—while also developing an understanding of the legal and social aspects of environmental management. Fieldwork in diverse ecosystems, from World Heritage rainforests to the Great Barrier Reef, will prepare you for careers in industry and government, where you’ll contribute to protecting the environment.

Environment Areas of Practice

- ✓ Environmental science
 - ✓ Environmental monitoring
 - ✓ Environmental policy and advice
- ✓ Environmental impact assessment
 - ✓ Environmental planning and management
 - ✓ Sustainable Development principles

Visit course website →

Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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- Bachelor of Environmental
- Bachelor of Environmental
- Bachelor of Environmental
- Bachelor of Environmental
- Bachelor of Engineering (E
- Bachelor of Environmental
- Master of Environment/En
- Master of Climate Change
- Bachelor of Environmental
- Bachelor of Science (Earth
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- Bachelor of Science (Earth
- Bachelor of Environmental
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- Master of Environmental E
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- Master of Environmental E
- Bachelor of Environmental
- Bachelor of Environmental
- Bachelor of Environmental
- Bachelor of Environmental
- Batchelor of Engineering S
- Master of Engineering Scie
- Master of Environmental S

 On campus

✓ Environmental science	✓ Environmental impact assessment
✓ Environmental monitoring	✓ Environmental planning and management
✓ Stakeholder engagement relating to the environment	✓ Environmental policy and advice
✓ Sustainable Development principles	

Visit course website →

[illegible]

Course (Click for course info)

- > Bachelor of Environmental
- > Bachelor of Environmental
- > Bachelor of Environmental
- > Bachelor of Environmental
- > Bachelor of Engineering (E
- > Bachelor of Environmental
- > Master of Environment/En
- > Master of Climate Change
- > Bachelor of Environmental
- > Bachelor of Science (Earth
- > Bachelor of Environment (
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- > Bachelor of Environmental
- > Bachelor of Environmental
- > Bachelor of Environmental
- > Bachelor of Engineering S
- > Master of Engineering Scie
- > Master of Environmental Science

Batchelor of Engineering (Environmental & Sustainable Resources Engineering)

Provider
University of Southern Queensland

Jurisdiction
Australia

4 years full-time or part time equivalent

 **On campus**

Course overview

UniSQ's Bachelor of Engineering (Honours) is a flexible, career-focused degree combining theory with hands-on experience. Students gain practical skills through industry placements, a final-year project, and mentoring from engineers.

Aligned with UN Sustainable Development Goals, the program tackles real-world challenges. After two years, students receive an embedded Associate Degree, boosting employability. Study options include on-campus or online, with the flexibility to fast-track or study part-time. Electives and double degrees allow for tailored learning.

Graduates are eligible for Engineers Australia membership and international recognition, opening diverse and impactful career opportunities.

Environment Areas of Practice

- | | |
|---|--|
|  Environmental science |  Environmental engineering |
|  Environmental impact assessment |  Environmental planning and management |
|  Environmental policy and advice |  Sustainable Development principles |
|  Workplace and community health, safety and security | |

Visit course website →

Environment Areas of Practice										Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												

Course (Click for course info)

- Bachelor of Environmental
- Bachelor of Environmental
- Bachelor of Environmental
- Bachelor of Environmental
- Bachelor of Engineering (E
- Bachelor of Environmental
- Master of Environment/En
- Master of Climate Change
- Bachelor of Environmental
- Bachelor of Science (Earth
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- Bachelor of Science (Earth
- Bachelor of Environmental
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- Master of Environmental E
- Bachelor of Environmental
- Bachelor of Environmental
- Bachelor of Environmental
- Bachelor of Environmental
- Batchelor of Engineering S
- Master of Engineering Scie
- Master of Environmental S

Master of Engineering Science (Environmental Engineering)

Provider

**University of Southern
Queensland**

Jurisdiction

Queensland

3 years part-time

 On campus

Course overview

With your graduate expertise, you'll be able to secure a career as a Professional Engineer. With your applied experience, you have the opportunity to work with some of Australia's biggest companies or venture overseas to work for a global engineering corporation.

Extend your knowledge in Environmental and Sustainable Resources Engineering with advanced studies in areas such as water resources, public health and environmental law.

Develop your practical skills in environmental sanitation in both the field and the lab through your capstone course

Environment Areas of Practice

- ✓ Environmental engineering
 - ✓ Environmental impact assessment
 - ✓ Environmental planning and management
 - ✓ Sustainable Development principles

Visit course website →

[illegible]

Course

(Click for course info)

- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Engineering (Electrical and Electronic Engineering)
- > Bachelor of Environmental Science
- > Master of Environment/Environmental Science
- > Master of Climate Change
- > Bachelor of Environmental Science
- > Bachelor of Science (Earth and Planetary Sciences)
- > Bachelor of Environment (Environmental Science)
- > Bachelor of Science (Earth and Planetary Sciences)
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Master of Environmental Engineering
- > Master of Environmental Science
- > Master of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Environmental Science
- > Bachelor of Engineering Science
- > Master of Engineering Science
- > Master of Environmental Science

Master of Environmental Science

Provider

University of Sydney

Jurisdiction

New South Wales

1.5 years full-time

On campus

Course overview

The Master of Environmental Science degree is a launch pad into leadership for professionals in the environmental sector. Drawing on a wide range of science-based disciplines and applications, the Master of Environmental Science gives you a grounding in basic environmental issues.

The Master of Environmental Science degree is a launch pad into leadership for professionals in the environmental sector. Drawing on a wide range of science-based disciplines and applications, the Master of Environmental Science gives you a grounding in basic environmental issues.

Environment Areas of Practice

- ✓ Environmental science
- ✓ Environmental impact assessment
- ✓ Environmental planning and management
- ✓ Stakeholder engagement relating to the environment
- ✓ Sustainable Development principles

Visit course website →

Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
	✓	
	✓	
	✓	
	✓	
	✓	
	✓	
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✓	✓	
	✓	
	✓	✓
	✓	
	✓	✓
	✓	
	✓	

University of Sydney



1.5 years



[Home](#)

Study hours

➤ Bachelor of Environmental Science	University of Sunshine Coast	📄	3 years
➤ Bachelor of Environmental Science	University of Western Australia	📄	3 years
➤ Bachelor of Environmental Science and Management	University of Western Australia	📄	3 years
➤ Bachelor of Environmental Science and Ecology	University of Western Australia	📄	3 years
➤ Bachelor of Environmental Science and Management	James Cook University	📄	3 years
➤ Bachelor of Environmental Engineering	University of Wollongong	📄	4 years
➤ Bachelor of Environmental Science (Honours)	University of Wollongong	📄	4 years
➤ Bachelor of Science	University of Tasmania	📄	2 years
➤ Bachelor of Geospatial Science	University of Tasmania	📄	3 years

Environment Areas of Practice									
Environmental science	✓	✓	✓	✓	✓	✓	✓	✓	✓
Environmental engineering				✓	✓				
Rehabilitation, remediation, closure transition and				✓	✓	✓	✓	✓	✓
Environmental impact assessment	✓	✓	✓	✓	✓	✓	✓	✓	✓
Environmental monitoring	✓	✓	✓	✓	✓		✓	✓	✓
Environmental planning and management		✓	✓	✓	✓	✓	✓	✓	✓
Stakeholder engagement relating to the environment		✓			✓		✓		✓
Environmental policy and advice		✓							
Mining enterprise management systems									
Multi-lateral and financial institutions standards									
Sustainable Development principles	✓	✓	✓	✓	✓	✓	✓	✓	✓
Workplace and community health, safety and security									

Bachelor of Environmental Science

Provider

University of Sunshine Coast

Jurisdiction

Queensland

3 years full time
or part-time equivalent

 On campus

Course overview

Help businesses and governments understand and make informed decisions about preserving natural ecosystems and resources, balancing the needs of humans and nature. Learn about plant ecology, chemistry, hydrology, soil rehabilitation, climate change, coastal studies, geospatial sciences and conservation and restoration. Study the interaction between natural and human-managed environments and develop skills in environmental monitoring and advanced research methods.

In this program you will:

- Develop skills in advanced research methods
- Use spatial analysis and drones to gain industry-ready skills
- Participate in field trips to USC research sites
- Learn to solve complex environmental problems
- Choose an area of interest from options including Environmental Management, Sustainability and more

Environment Areas of Practice

- ✓ Environmental science
 - ✓ Environmental impact assessment
 - ✓ Environmental planning and management
 - ✓ Sustainable Development principles
 - ✓ Rehabilitation, remediation, closure transition and repurposing
 - ✓ Environmental monitoring
 - ✓ Stakeholder engagement relating to the environment

[Visit course website](#)

Visit course website →

[Back](#)



Multi-lateral and financial institutions standards

Sustainable Development principles

Workplace and community health, safety and security

- > Bachelor of Environmental

> Bachelor of Environmental

> Bachelor of Environmental

> Bachelor of Environmental

> Bachelor of Environmental

> Bachelor of Environmental

> Bachelor of Environmental

> Bachelor of Science

> Bachelor of Geospatial Sci

Bachelor of Environmental Science and Management

Provider

University of Western Australia

Jurisdiction

Western Australia

3 years full time

4 year Hons

On campus

Course overview

Environmental science assesses the impact of human activity on the global environment and develops scientific, risk-based solutions to help secure a sustainable future. As a student of the Environmental Science and Management extended major, you will be trained to apply scientific, economic and regulatory knowledge to help society resolve global conflicts such as climate change, deforestation and water pollution.

Environment Areas of Practice

- ✓ Environmental science

✓ Environmental impact assessment

✓ Environmental planning and management

✓ Sustainable Development principles
- ✓ Rehabilitation, remediation, closure transition and repurposing

✓ Environmental monitoring

✓ Stakeholder engagement relating to the environment

Visit course website →

Back



Multi-lateral and financial institutions standards

Sustainable Development principles

Workplace and community health, safety and security



Bachelor of Environmental Science and Ecology

Provider

University of Western Australia

Jurisdiction

Western Australia

**3 years full time or
part-time equivalent**

 On campus

Course overview

As a student of the Environmental Science and Ecology extended major, you will be trained to apply a combination of scientific knowledge from environmental science, botany and animal science to solve real-world problems. The acquired skills and knowledge are highly relevant to the work force in this field. The extended major allows the shortest possible pathway into most specialisations in the Environmental Science master's program at UWA, excepting Management. It further allows for entry into honours in Botany as well as the MSc in Biological Sciences (for the latter one conversion unit will be necessary).

Environment Areas of Practice

- ✓ Environmental science
 - ✓ Environmental impact assessment
 - ✓ Sustainable Development principles
 - ✓ Rehabilitation, remediation, closure transition and repurposing
 - ✓ Environmental monitoring

[Back](#)



Visit course website →

[illegible]

- ▶ Bachelor of Environmental

▶ Bachelor of Environmental

▶ Bachelor of Environmental

▶ Bachelor of Environmental

▶ Bachelor of Environmental

▶ Bachelor of Environmental

▶ Bachelor of Environmental

▶ Bachelor of Science

▶ Bachelor of Geospatial Sci

Bachelor of Environmental Science and Management

Provider

James Cook University

Jurisdiction

Queensland

3 years full time or part-time equivalent

📍 On campus

Course overview

Pursue a career in environmental conservation, research, communication and management. Learn how the biological, physical, social, economic and political spheres interact with and impact our environment. Gain practical experience through laboratory classes, field trips, work experience and research-based assessments as you investigate environmental issues and develop potential solutions.

Environment Areas of Practice

- ✓

Environmental science

✓

Environmental impact assessment

✓

Environmental planning and management

✓

Sustainable Development principles

✓

Rehabilitation, remediation, closure transition and repurposing

✓

Environmental monitoring

✓

Stakeholder engagement relating to the environment

Visit course website →

Back



Multi-lateral and financial institutions standards

Sustainable Development principles

Workplace and community health, safety and security



Bachelor of Environmental Engineering

Provider

University of Wollongong

Jurisdiction

New South Wales

4 years full time or
part-time equivalent

 On campus

Course overview

In this course you will engage in a range of experiential learning activities oriented for developing competencies for the workplace through: participating in fieldwork, working in laboratories, collaborating with peers, demonstrating critical thinking, producing reports and delivering presentations. You'll also acquire skills and knowledge applicable to employment in your chosen discipline.

Environment Areas of Practice

- | | |
|---|---|
| ✓ Environmental science | ✓ Environmental engineering |
| ✓ Rehabilitation, remediation, closure transition and repurposing | ✓ Environmental impact assessment |
| ✓ Environmental monitoring | ✓ Environmental planning and management |
| ✓ Sustainable Development principles | |

[Back](#)



Visit course website →

[illegible]

Back

Provider

University of Wollongong

Jurisdiction

New South Wales

4 years full time or
part-time equivalent

 On campus

Course overview

Environmental science is a multi-disciplinary field that explores the interaction between living and non-living elements, focusing on human impacts.

A degree in this field covers ethical, social, economic, and political aspects of environmental issues, along with the freshwater and terrestrial ecosystems of the Illawarra.

You will engage in practical classes on campus with advanced technology and fieldwork to study local marine life, coastal landscapes, rainforests, and ecosystems.

In the first two years, you will learn environmental science fundamentals and the 'language' of science through introductory mathematics and statistics. Specialisation occurs in the third and fourth years, culminating in an honours research report that integrates industry-based learning with external organisations.

Environment Areas of Practice

- ✓ Environmental science
 - ✓ Environmental monitoring
 - ✓ Sustainable Development principles
 - ✓ Environmental impact assessment
 - ✓ Environmental planning and management

Visit course website →

[illegible]

Back

Provider

University of Tasmania

Jurisdiction

Tasmania

2 years full time

 On campus

Course overview

You don't just dream, you want to apply your ideas to make lasting impacts. A Bachelor of Science is your launchpad to a fulfilling career. Join our living laboratory and unlock your innovative potential.

The University of Tasmania's science degree provides you with a foundation of core skills in science, analysis, and rational thinking. You can choose to focus your study in one or more scientific disciplines, learning the methods to apply your skills and knowledge in practice.

Within the Bachelor of Science, you can select one or two science majors from our 14 exciting options, plus expand your educational experience and study units of your choice from across the University.

Environment Areas of Practice

- | | |
|---|---|
| ✓ Environmental science | ✓ Rehabilitation, remediation, closure transition and repurposing |
| ✓ Environmental impact assessment | ✓ Environmental monitoring |
| ✓ Environmental planning and management | ✓ Stakeholder engagement relating to the environment |
| ✓ Environmental policy and advice | ✓ Sustainable Development principles |

Visit course website →

[illegible]

Bachelor of Geospatial Science

Provider

University of Tasmania

Jurisdiction

Tasmania

3 years full time

 On campus

Course overview

Geospatial scientists measure, map and model our world. You could play a critical role in the decisions that affect our society and influence the world of tomorrow.

This degree will give you hands-on experience with the full range of traditional land surveying equipment as well as modern technologies such as Geographic Information Systems (GIS), UAS (Unmanned Aerial Systems), airborne and satellite remote sensing, Global Navigation Satellite Systems (GNSS), and laser scanning (3D point cloud processing).

You'll learn practical skills that are highly relevant across disciplines such as Environmental Management, Geography, Geoscience, Computing and Information Systems, Biological Sciences, Agricultural Science, Marine Science, and Antarctic Science.

Environment Areas of Practice

 Environmental science

 Environmental monitoring

- ✔ Environmental impact assessment

Visit course website →

[illegible]

[Undergraduate/Graduate Degree Courses](#)
[Short courses and Training](#)
[Home](#)

Course (Click  for course information)

Course	Provider	Mode of delivery	Study hours
 Professional Certificate in Tailings Management	AUSIMM		40hrs
 Professional Certificate in Integrated Mine Closure	AUSIMM		40hrs
 A range of groundwater, surface water and telemetry/data management courses	HydroTerra		
 Environmental monitoring training - focused on erosion and sediment control	AU Environmental		
 Foundations of Mine Closure and Sustainable Transitions	UQX		60 hrs
 Mine Water Fundamentals	The University of Queensland		50 hrs
 Mine Water Systems	The University of Queensland		70 hrs
 Mine Closure Planning - A broad variety of technical webinars	CPPA		1 hr
 New Perspectives on Mine Closure	UBC/BRIMM		40 hrs
 Economic Sustainability	UBC/BRIMM		41 hrs
 Mining and Materials for Sustainable Development Transformations	SDG Academy X		2-4 days
 Achieving Environmental Effectiveness	The University of Queensland		
 Acid and Metalliferous Drainage Workshop	The University of Queensland		
 Introduction to Acid and Metalliferous Drainage	The University of Queensland		11 hrs
 Masterclass in AMD Management	The University of Queensland		1 day
 Carbon Literacy for Miners	RPM Global	 	8 hrs
 Health, Safety and Environmental Performance Masterclass Series	The University of Queensland		3 hrs
 New Governance for Mining and Resource Leaders	The University of Queensland		40 hrs
 Minerals and Mining in a Sustainable World	The University of Queensland		20 hrs
 Mining and Sustainability	Curtin University		1 semester
 Responsible Mining	Curtin University		1 semester
 The Minerals and Mining Business	Curtin University		4 days
 Mining and Environment	University of Adelaide		1 semester
 Sustainable Mining Fundamentals	Informa Connect	 	1 day
 Graduate Certificate in Sustainability in Mining	Missouri University of Science and Technology	 	1 year

Environment Areas of Practice

Environmental science	Environmental engineering	Rehabilitation, remediation, closure transition and	Environmental impact assessment	Environmental monitoring	Environmental planning and management	Stakeholder engagement relating to the environment	Environmental policy and advice	Mining enterprise management systems	Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											

[Undergraduate/Graduate Degree Courses](#)
[Short courses and Training](#)
[Home](#)

Course (Click  for course information)

Course	Provider	Mode of delivery	Study hours
Introduction to ESG	Edumine		3 hrs
Sustainable Management in the Extractive Industry	Future Learn		18 hrs
Transition from CSR to ESG in the Mining Sector	Spire Events		
Oil and Gas ESG [Environmental, Social & Governance] Fundamentals	RPS Training		2 days
Oil, Gas and Mining Governance in Emerging Markets	University of Oxford		5 days
A variety of training courses on demand	Plexus Energy		
Environmental and Social Framework (ESF) Training	World Bank		8 hrs
ESG resource for companies	IFC		
ESG Training	VinciWorks		
Sustainability training	SGS	 	
G3: GMIRM Risk Management Systems	University of Queensland		48 hours
Risk and Critical Control Management	University of Queensland		7 hours
Incident Investigation and Analysis Management	University of Queensland		48 hours
ISO 14001 Environmental Management System Auditor Training	Various - Bureau Veritas, DNV	 	5 days
Taskforce on climate-related financial disclosures (TCFD) training	Taskforce on climate-related financial disclosures		
Taskforce on Nature-related Financial Disclosures (TNFD) training	The Taskforce on Nature-related Financial		
Science-based targets	UN Global Compact Academy		30 mins
IFRS Sustainability Disclosure Standards	IFRS		
Overview of the Practice of Ecological Restoration	Society For Ecological Restoration		2 hours
Australian Water School	Australian Water School		
Diploma of Environmental Monitoring and Technology	TAFE - Various institutions/locations		1 year
Soil, Erosion and Sediment Control, Tailings and Residue	The University of Queensland		70 hours
Geographical Information Systems (GIS) Training	ESRI		2 days
Geographical Information Systems (GIS) Training	GIS Solutions		2 days

Environment Areas of Practice

Environmental science	Environmental engineering	Rehabilitation, remediation, closure transition and	Environmental impact assessment	Environmental monitoring	Environmental planning and management	Stakeholder engagement relating to the environment	Environmental policy and advice	Mining enterprise management systems	Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											

Home

Study
hours

➤ Assessment of air pollution impact.	CASANZ	🌐	2 days
➤ Measure and analyse noise and vibration	TAFE - Various institutions/locations	🌐	
➤ The Path to Net Zero: Carbon Emissions within the Mining Industry	The University of Queensland	👤	
➤ Professional Certificate On The Iucn Global Standard On Nature-Based Solutions	IUCN	🌐	
➤ The Red List of Ecosystems for Assessors - Specialised Course	IUCN	👤	
➤ Professional Certificate On Finance For Nature	IUCN	👤	
➤ Nature-based Solutions for Disaster and Climate Resilience	SDG Academy	🌐	
➤ Introduction to the Natural Capital Project Approach	Stanford Online	🌐	
➤ Circular Economy	Ellen Macarthur Foundation	🌐	3 weeks
➤ Circular Economy Fundamentals	Cambridge	🌐 👤	6 weeks
➤ Circular Economy - An Introduction	DelftX	👤	7 weeks
➤ Critical Raw Materials: Managing Resources for a Sustainable Future	DelftX	🌐	4 days
➤ The Transition to the Decarbonised Economy of Tomorrow	DelftX	👤	5 weeks
➤ Strategic Decarbonisation Management	Murdoch University	🌐 👤	14 weeks
➤ Foundations of Modern Mining Professional Certificate	UQx and CurtinX	🌐	1 year
➤ CASA Initial UAV Licensing (RePL)	Toll uncrewed systems	🌐	5 days
➤ Integrated Strategic Planning Seminar	Whittle Consulting	🌐	16 hrs
➤ Geoheritage and Geotourism	University of Tasmania	🌐	14 weeks

[illegible]

Back 

Course overview

Provider

Environment Areas of Practice

 Environmental engineering

 Environmental monitoring

- ✓ Rehabilitation, remediation, closure transition and repurposing

Visit course website →

 Online

- ✓ Environmental science
- ✓ Environmental engineering
- ✓ Environmental impact assessment

- ✓ Rehabilitation, remediation, closure transition and repurposing
- ✓ Stakeholder engagement relating to the environment

Visit course website →

[illegible]

➤ Graduate Certificate in Sus

Foundations of Mine Closure and Sustainable Transitions

Provider

The University of Queensland

Jurisdiction

International

60 hrs

 Online

Course overview

What is left after mining activity ceases? Transforming mining economies to enable communities and other stakeholders to build a successful post mine future is a growing challenge. Regulatory frameworks are being tightened and financial instruments mobilized to secure funds to address the risks of abandonment. Greater awareness of political and social risks from unclosed mines is influencing investor markets. The Foundations of Mine Closure and Sustainable Transitions explores the complexities surrounding mine closure and post-mining land utilization and establishes a foundation for enhancing the capabilities of all stakeholders involved in the process.

The Foundations of Mine Closure and Sustainable Transitions was developed by The University of Queensland and Curtin University. The course was funded by the Cooperative Research Centre for Transformations in Mining Economies (CRC TiME) as part of its education and training portfolio. CRC TiME is the world's only research organisation dedicated to bringing together diverse stakeholders to help reimagine and transform mine closure and transitions for the benefit of all Australians. It is part of the Australian Government's Cooperative Research Centres Program, which supports collaboration between industry, researchers and communities.

Environment Areas of Practice

- ✓ Rehabilitation, remediation, closure transition and repurposing

Visit course website →

➤ **Graduate Certificate in Sustainability in Mining**

 Online

Visit course website →

Mine Closure Planning - A broad variety of technical webinars

**Closure Planning Practitioners
Association (CPPA)**

Australia

1 hrs

 Online

The Closure Planning Practitioners Association is a not for profit association based in Perth, Western Australia. The CPPA seeks to promote global leading practice skills in closure within Australia by representing and engaging with closure planning practitioners to develop and build professional capacity.

- Rehabilitation, remediation, closure transition and repurposing

Visit course website →

[illegible]

Course (Click  for course info)

- Professional Certificate in
- Professional Certificate in
- A range of groundwater, su
- Environmental monitoring
- Foundations of Mine Closu
- Mine Water Fundamentals
- Mine Water Systems
- Mine Closure Planning - A
- New Perspectives on Mine
- Economic Sustainability
- Mining and Materials for S
- Achieving Environmental E
- Acid and Metalliferous Dra
- Introduction to Acid and M
- Masterclass in AMD Mana
- Carbon Literacy for Miners
- Health, Safety and Environ
- New Governance for Minin
- Minerals and Mining in a S
- Mining and Sustainability
- Responsible Mining
- The Minerals and Mining B
- Mining and Environment
- Sustainable Mining Fundar
- Graduate Certificate in Sus

Back

Provider

UBC/BRIMM

Jurisdiction

Canada

40 hrs

 Online

Course overview

After completing this course, the participants will be able to:

- Understand key closure concepts, compliance requirements, guiding principles and industry best practice.
- Build knowledge and skills to ask the right questions to address current and future challenges related to closure.
- Consider alternative and transformational approaches to closure.
- Integrate environmental, social and economic considerations into mine closure plans.
- Analyze issues of materiality related to mine closure.
- Apply mine closure practices in complex contexts.
- Contribute towards creating a comprehensive mine closure plan that supports a just transition for local stakeholders and rightsholders.

Environment Areas of Practice

- ✓ Rehabilitation, remediation, closure transition and repurposing

Visit course website →

Back 

Economic Sustainability

UBC/BRIMM

Canada

41 hours

 Online

After completing this course, the participants will be able to:

- Define and discuss what shifts sustainability in the mining industry
- Be able to critically analyze a business decision from a sustainability point of view
- Define the range of possible outcomes of a capital decision
- Apply a checklist to any sustainability decision

Environment Areas of Practice

- ✓ Environmental planning and management
- ✓ Mining enterprise management systems

Visit course website →

[illegible]

Achieving Environmental Effectiveness

Informa Connect

Queensland



Environment Areas of Practice

- ✓ Environmental planning and management
- ✓ Stakeholder engagement relating to the environment
- ✓ Mining enterprise management systems

Visit course website →

[illegible]



Visit course website →

Course (Click for course info)

- Professional Certificate in
- Professional Certificate in
- A range of groundwater, su
- Environmental monitoring
- Foundations of Mine Closu
- Mine Water Fundamentals
- Mine Water Systems
- Mine Closure Planning - A
- New Perspectives on Mine
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- Mining and Sustainability
- Responsible Mining
- The Minerals and Mining B
- Mining and Environment
- Sustainable Mining Fundar
- Graduate Certificate in S

Carbon Literacy for Miners

Provider

RPM Global

Jurisdiction

International

8 hrs

  Online/ In person

Course overview

This course provides participants with a comprehensive understanding of the relationship between the global mining industry and climate change. It focuses on identifying the sources of emissions in mining and the current risks and opportunities presented by the transition to a low-carbon future. Participants will explore emission reduction solutions related to mine planning and asset management and learn about the future of mining in the low-carbon transition.

This instructor-led carbon literacy course is designed to be educational and inspiring, with the goal of providing you with the tools to understand how you can contribute to a low-carbon future within your professional organisation and your community.

Environment Areas of Practice

- ✓ Environmental science
- ✓ Environmental engineering

Visit course website →

[illegible]

 Online

Visit course website →

[illegible]

➤ Graduate Certificate in Sus

➤ Graduate Certificate in Sus

Back 

Course overview

Environment Areas of Practice

-  Sustainable Development principles

Informa Connect

Australia

1 day

  Online/ In person

Visit course website →

Back 

Graduate Certificate in Sustainability in Mining

Missouri University of Science
and Technology

USA

1 year

 Online/ In person

This course is an introduction to responsible mining. It focuses on industry and NGO programs around sustainability and reporting in mining, financial community response, community of interest engagement and participation, and safety and crisis response and management.

Environment Areas of Practice

 Sustainable Development principles

Visit course website →

Undergraduate/Graduate

Course (Click ▶ for course info)

- ▶ Introduction to ESG
- ▶ Sustainable Management
- ▶ Transition from CSR to ESG
- ▶ Oil and Gas ESG [Environmental, Social & Governance] Fundamentals
- ▶ Oil, Gas and Mining Governance
- ▶ A variety of training courses
- ▶ Environmental and Social Management
- ▶ ESG resource for companies
- ▶ ESG Training
- ▶ Sustainability training
- ▶ G3: GMIRM Risk Management
- ▶ Risk and Critical Control Measures
- ▶ Incident Investigation and Management
- ▶ ISO 14001 Environmental Management
- ▶ Taskforce on climate-related financial disclosures
- ▶ Taskforce on Nature-related financial disclosures
- ▶ Science-based targets
- ▶ IFRS Sustainability Disclosures
- ▶ Overview of the Practice of Sustainability
- ▶ Australian Water School
- ▶ Diploma of Environmental Management
- ▶ Soil, Erosion and Sediment Management
- ▶ Geographical Information Systems
- ▶ Geographical Information Systems

Oil and Gas ESG [Environmental, Social & Governance] Fundamentals

Provider
RPS Training

Jurisdiction
UK /Australia/ USA

2 days

 **Online**

Course overview

In the past few years ESG (Environmental, Social and Governance) reporting, management, and compliance has become a significant focus area for oil and gas companies. This course will provide an awareness of ESG issues that will help your organisation to thrive in today's rapidly evolving market.

Environment Areas of Practice

- ✔ Sustainable Development principles

Visit course website →

Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Undergraduate/Graduate

Course (Click for course info)

- Introduction to ESG
- Sustainable Management
- Transition from CSR to ESG
- Oil and Gas ESG [Environment]
- Oil, Gas and Mining Governance
- A variety of training courses
- Environmental and Social Governance
- ESG resource for companies
- ESG Training
- Sustainability training
- G3: GMIRM Risk Management
- Risk and Critical Control Measures
- Incident Investigation and Response
- ISO 14001 Environmental Management
- Taskforce on climate-related financial risks
- Taskforce on Nature-related financial risks
- Science-based targets
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- Australian Water School
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- Soil, Erosion and Sedimentation
- Geographical Information Systems
- Geographical Information Systems

Oil, Gas and Mining Governance in Emerging Markets

Provider
University of Oxford

Jurisdiction
UK

5 days

 In person

Course overview

This intensive five-day course provides the training and insight required for policy leaders in the public and private sector to work towards better management and governance of oil, gas or mineral resources for a better future.

Environment Areas of Practice

-  Environmental policy and advice
-  Sustainable Development principles

Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
		
		
		
		
		
		
		
		
		
		
		
		
		
		

Undergraduate/Graduate

Course (Click ▶ for course info)

- ▶ Introduction to ESG
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- ▶ Geographical Information Systems
- ▶ Geographical Information Systems

Environmental and Social Framework (ESF) Training

Provider
World Bank

Jurisdiction
International

8 hrs

 Online

Course overview

The EFS training looks at Environmental and Social Standards (ESS). It includes videos and two case studies with stakeholders sharing helpful approaches, mindsets and behaviours that are key to successful implementations of the ESF.

Environment Areas of Practice

- ✔ Sustainable Development principles

Visit course website →

Back 

Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Undergraduate/Graduate

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- Geographical Information Systems

Risk and Critical Control Management

7 hrs

Online

Course overview

Update your understanding of risk management and critical control systems with insights from the latest applied research.

Learn from industry experts how to incorporate Critical Control Management (CCM) principles into your workplace. Identify your priority risks and implement critical controls to prevent incidents, and mitigate their impacts. You'll learn from examples that demonstrate the practical application of key principles.

This course builds on the work covered in the Global Minerals Industry Risk Management program (G-MIRM).

Environment Areas of Practice

- ✓ Mining enterprise management systems
- ✓ Workplace and community health, safety and security

Visit course website →

Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Course [\(Click for course info\)](#)

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- Geographical Information Systems
- Geographical Information Systems

Incident Investigation and Analysis Management

48 hrs

 In person

Course overview

Understand the principles and practice of effective incident investigation and how to achieve better system safety.

Co-designed by academic and industry leaders, this course will help you:

- identify how to improve your management of incident investigation and analysis
- challenge how you make decisions and interact with your teams
- enhance your professional development of investigators and safety leaders
- make recommendations to address causal factors and improve systems

Environment Areas of Practice

-  Environmental planning and management
-  Mining enterprise management systems
-  Workplace and community health, safety and security

Visit course website →

Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
		
		
		
		
		
		
		
		
		
		
		
		
		
		

Undergraduate/Graduate

Course (Click ▶ for course info)

- ▶ Introduction to ESG
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- ▶ Incident Investigation and Response
- ▶ ISO 14001 Environmental Management
- ▶ Taskforce on climate-related financial disclosures (TCFD)
- ▶ Taskforce on Nature-related financial disclosures (TNFD)
- ▶ Science-based targets
- ▶ IFRS Sustainability Disclosures
- ▶ Overview of the Practice of Sustainability
- ▶ Australian Water School
- ▶ Diploma of Environmental Management
- ▶ Soil, Erosion and Sedimentation
- ▶ Geographical Information Systems
- ▶ Geographical Information Systems

Taskforce on climate-related financial disclosures (TCFD) training

Provider
Taskforce on climate-related financial disclosures (TCFD)

Jurisdiction
International

 **Online**

Course overview

The climate-related financial disclosure online courses are designed to help organisations fill the knowledge gap and enhance their disclosures of climate-related information. These courses are suitable for anyone interested in learning more about climate-related disclosure and the TCFD.

Environment Areas of Practice

-  Environmental science
-  Environmental planning and management
-  Environmental policy and advice
-  Sustainable Development principles

Visit course website →

Back



Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Undergraduate/Graduate

Course (Click > for course info)

- > Introduction to ESG
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- > Oil, Gas and Mining Governance
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- > ESG resource for companies
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- > Taskforce on Nature-related financial risks
- > Science-based targets
- > IFRS Sustainability Disclosure Standards
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- > Diploma of Environmental Management
- > Soil, Erosion and Sedimentation
- > Geographical Information Systems
- > Geographical Information Systems

IFRS Sustainability Disclosure Standards

Provider
IFRS

Jurisdiction
International

 **Online**

Course overview

This e-learning course is designed to respond to market demand for ‘getting started’ with implementing IFRS S1 and IFRS S2. The course builds on the Climate Disclosure Standards Board’s experience of developing the highly regarded equivalent training for the TCFD Knowledge Hub. Tailored to diverse preparer backgrounds, the course introduces IFRS Sustainability Disclosure Standards in the broader context of sustainability reporting, discusses foundational concepts in the Standards, and supports continuous professional development (CPD).

Visit course website →

Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Undergraduate/Graduate

Course [\(Click for course info\)](#)

- Introduction to ESG
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- ISO 14001 Environmental Management
- Taskforce on climate-related financial risks
- Taskforce on Nature-related financial risks
- Science-based targets
- IFRS Sustainability Disclosures
- Overview of the Practice of Ecological Restoration
- Australian Water School
- Diploma of Environmental Management
- Soil, Erosion and Sedimentation
- Geographical Information Systems
- Geographical Information Systems

Overview of the Practice of Ecological Restoration

Provider
Society For Ecological Restoration

Jurisdiction
International

2 hrs

 **Online**

Course overview

This course introduces the science and practice of ecological restoration, conveys the fundamental principles, introduces leading practices and provides an overview of SER key definitions.

- ✓ Environmental science
- ✓ Rehabilitation, remediation, closure transition and repurposing

Visit course website →

Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Undergraduate/Graduate

Course (Click ▶ for course info)

- ▶ Introduction to ESG
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- ▶ Incident Investigation and Response
- ▶ ISO 14001 Environmental Management
- ▶ Taskforce on climate-related financial risks
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- ▶ Science-based targets
- ▶ IFRS Sustainability Disclosures
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- ▶ Geographical Information Systems
- ▶ Geographical Information Systems

Australian Water School

Provider
Australian Water School

Jurisdiction
Australia

 **Online**

Course overview

A wide range of courses and webinars, both live and on demand, on Hydrogeology, Hydrology, Hydraulics, Fluvial Geomorphology, dam breach, QGIS, and modelling tools for all of these.

Visit course website →

Environment Areas of Practice

Back 

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Provider

Jurisdiction

Australia

1 year

 **In person**

This qualification specifies the competencies required to apply a range of methods and technologies to conduct environmental sampling, testing and monitoring in most industry sectors, and to assist environmental scientists, engineers and planners with site assessment, minimising environmental impacts of processes and remediation and/or rehabilitation of sites.

This qualification applies to environmental officers, environmental protection officers, environmental compliance officers, environmental technicians and similar personnel typically employed by enterprises, service providers, non-government organisations or Commonwealth, state/territory and local governments.

Environment Areas of Practice

 Environmental monitoring

Visit course website →

Undergraduate/Graduate

Course (Click > for course info)

- > Introduction to ESG
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- > Oil, Gas and Mining Governance
- > A variety of training courses
- > Environmental and Social Management
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- > Taskforce on Nature-related financial disclosures
- > Science-based targets
- > IFRS Sustainability Disclosures
- > Overview of the Practice of Environmental Management
- > Australian Water School
- > Diploma of Environmental Management
- > Soil, Erosion and Sediment Management
- > Geographical Information Systems (GIS) Training
- > Geographical Information Systems (GIS) Training

Geographical Information Systems (GIS) Training

Provider

ESRI

Jurisdiction

International

2 days

 Online

Course overview

GIS concepts and ArcGIS tools used to visualise real-world features, discover patterns, and communicate information.

✓ Environmental impact assessment

✓ Environmental monitoring

✓ Environmental planning and management

✓ Stakeholder engagement relating to the environment

Visit course website →

Back 

Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Undergraduate/Graduate

Course (Click for course info)

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- Incident Investigation and
- ISO 14001 Environmental
- Taskforce on climate-related
- Taskforce on Nature-related
- Science-based targets
- IFRS Sustainability Disclosures
- Overview of the Practice of
- Australian Water School
- Diploma of Environmental
- Soil, Erosion and Sediment
- Geographical Information
- Geographical Information Systems

Geographical Information Systems (GIS) Training

Provider
GIS Solutions

Jurisdiction
International

2 days

Online

Course overview

We can instruct in all common GIS mapping software packages including ESRI's ArcGIS, QGIS and many others. We can even prepare training courses for your customised GIS system.

- ✓

Environmental impact assessment
- ✓

Environmental monitoring
- ✓

Environmental planning and management
- ✓

Stakeholder engagement relating to the environment

Visit course website →

Environment Areas of Practice

Back



Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Course (Click for course info)

➤ Assessment of air pollution

- Measure and analyse noise

➤ The Path to Net Zero: Carbon Footprint

Professional Certificate On

➤ The Red List of Ecosystem

Professional Certificate On

➤ Nature-based Solutions fo

Introduction to the Natural

➤ Circular Economy

➤ Circular Economy Fundam

➤ Circular Economy - An Intro

➤ **Critical Raw Materials: Ma**

➤ The Transition to the Deca

➤ Strategic Decarbonisation

➤ Foundations of Modern Mi

➤ CASA Initial UAV Licensing

➤ Integrated Strategic Plann

➤ Geoheritage and Geotourism

Provider

Jurisdiction

Australia

6 months

 In person

This unit of competency defines the skills and knowledge required to monitor, measure and analyse noise and vibration. It includes equipment calibration and use, analysis of data, adherence to standards for exposure limits along with consideration of work health and safety (WHS) and mitigation measures. It applies to machinery and equipment-generated noise and vibration, including mechanical shock generated in commercial and industrial environments.

It is suitable for people working as asset maintenance technicians or noise and vibration specialists, for people working as technicians in engineering or related industries and for those pursuing careers and qualifications in engineering or related disciplines.

Environment Areas of Practice

 Environmental monitoring

Visit course website →

➤ Geoheritage and Geotourism

Professional Certificate On The Iucn Global Standard On Nature- Based Solutions

IUCN

International

6 weeks

 Online

The concept of Nature-based Solutions (NbS) is gaining momentum around the world and NbS are increasingly accepted and implemented to address societal challenges. IUCN estimates that they can provide over a third of the world's climate mitigation needs while benefiting people and nature. This course will equip participants to understand the IUCN Global Standard for Nature-based Solutions™, to apply the Standard to develop sustainable projects and solutions, and to prepare for high integrity application.

Environment Areas of Practice

- ✓ Environmental engineering
- ✓ Rehabilitation, remediation, closure transition and repurposing

Visit course website →

➤ Geoheritage and Geotourism

➤ **Geoheritage and Geotourism**

➤ Geoheritage and Geotourism

 Online

➤ Geoheritage and Geotourism

➤ Geoheritage and Geotourism

Geoheritage and Geotourism

➤ Geoheritage and Geotourism

Undergraduate/Graduate

Course (Click ▶ for course info)

- ▶ Assessment of air pollution
- ▶ Measure and analyse noise
- ▶ The Path to Net Zero: Carbon
- ▶ Professional Certificate On
- ▶ The Red List of Ecosystem
- ▶ Professional Certificate On
- ▶ Nature-based Solutions fo
- ▶ Introduction to the Natural
- ▶ Circular Economy
- ▶ Circular Economy Fundam
- ▶ Circular Economy - An Intr
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- ▶ The Transition to the Deca
- ▶ Strategic Decarbonisation
- ▶ Foundations of Modern Mi
- ▶ CASA Initial UAV Licensing
- ▶ Integrated Strategic Plann
- ▶ Geoheritage and Geotouris

Strategic Decarbonisation Management

Provider
Murdoch University

Jurisdiction
Australia

14 weeks

 **Online**

Course overview

Teaching you the practical skills for executing and communicating effective solutions for reducing the carbon footprint, participants will explore greenhouse gas measurement and reporting, decarbonisation planning, carbon offset utilisation and understanding the pathways to achieving Net Zero emissions across diverse sectors.

Environment Areas of Practice

- ✔ Environmental engineering
- ✔ Environmental policy and advice
- ✔ Sustainable Development principles

Visit course website →

Environment Areas of Practice

Multi-lateral and financial institutions standards	Sustainable Development principles	Workplace and community health, safety and security
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Back 

➤ **Geoheritage and Geotourism**

Guidelines	Provider	Overview	
Tailings Reduction Roadmap	International Council for Mining and Metals	Good practice guidance on Tailings reduction developed with input from member company tailings experts	Visit Guide →
Tailings Management: good Practice Guide	International Council for Mining and Metals	Good practice guidance on Tailings reduction developed with input from member company tailings experts	Visit Guide →
Training Materials for Tailing Management Good Practice	International Council for Mining and Metals	Narrated slide packs to assist tailings specialists communicate good practice tailings management to non-specialists	Visit Guide →
Good Practice Guidance for Mining and Biodiversity	International Council for Mining and Metals	Good practice guidance on biodiversity management developed with input from member company subject matter experts	Visit Guide →
Integrated Mine Closure Good Practice Guide	International Council for Mining and Metals	Good practice guidance on Integrated Mine Closure developed with input from member company tailings experts	Visit Guide →
Integrated Mine Closure Good Practice Guide Training Materials	International Council for Mining and Metals	Training materials to support Integrated Mine Closure	Visit Guide →
Adapting to Changing Climate: Building Resilience in the Mining and Metals Industry	International Council for Mining and Metals	Guidance of risk management for climate adaption	Visit Guide →
Water Stewardship Practices	International Council for Mining and Metals	A series of guidances on good practice water stewardship	Visit Guide →
Mine Rehabilitation: Leading Practice Sustainable Development Program for the Mining Industry	Australian Ministry of Foreign Affairs and Trade.	One of a series of handbooks which provide mining managers, communities and regulators with information on leading practice approaches to the management Environment and Social Performance in the minerals sector.	Visit Guide →
Leading Practice Handbooks for sustainable mining	Australian Government	The program developed a series of handbooks which provide mining managers, communities and regulators with information on leading practice approaches to mining management. Include mine closure, risk management, etc	Visit Guide →
Mine Closure Handbook: Environmental Techniques for the Extractive Industries.	Geological Survey of Finland		Visit Guide →
Mining with the End in Mind: landform design for sustainable mining - position paper	Landform Design Institute (LDI)		Visit Guide →
California Abandoned Mines Prioritization Tool Phase I Technical and Business Process Report	Department of Conservation Sacramento, CA		Visit Guide →
Guidelines for the assessment of alternatives for mine waste disposal	Environment Canada		Visit Guide →

Guidelines	Provider	Overview	
Nevada Standardized Reclamation Cost Estimator	Nevada Division of Environmental Protection (DEP)		Visit Guide →
Coal Mining Reclamation: Bonding Policy Recommendations	Alliance for Appalachia		Visit Guide →
Best Practices in Dam and Levee Safety Risk Analysis	US Bureau of Reclamation		Visit Guide →
Guidelines for performance management of oil sands fluid fine tailings deposits to meet closure commitments.	Canada's Oil Sands Innovation Alliance (COSIA)		Visit Guide →
Guideline for development and implementation of operation, maintenance, and surveillance (OMS) activities	Mining Association of Canada (MAC)		Visit Guide →
Guidelines for mine closure and rehabilitation	Department of Environment and Science		Visit Guide →
Guidelines for mine closure and rehabilitation	Department of Mines, Industry Regulation and Safety	Useful guide http://www.dmp.wa.gov.au/Documents/Environment/REC-EC-112D.pdf	Visit Guide →
Guidelines for mine closure and rehabilitation	Department of Planning, Infrastructure and Environment	Includes a range of guidelines, links to the NSW rehabilitation forum (YouTube), etc	Visit Guide →
Guidelines for mine closure and rehabilitation	Department of Primary Industry and Resources		Visit Guide →
Guidelines for mine closure and rehabilitation	Environmental Protection Authority & Department of State Growth		Visit Guide →
Guidelines for mine closure and rehabilitation	Department for Energy and Mining		Visit Guide →
Guidelines for mine closure and rehabilitation	Department of Jobs, Precincts and Regions		Visit Guide →