



ENGINEERS
AUSTRALIA

Environmental Engineering Area of Practice / Area of Engineering

Environmental engineering uses the core knowledge of the environment to create innovative solutions for a sustainable future. Working in the built or natural environments, they conduct investigations and undertake modelling and analysis to design and then implement integrated solutions.

An environmental engineer can be involved in engineering design, environmental planning and management, audit, compliance and review processes across a wide range of areas of practice including:

- contaminated land management and remediation
- environmental and social impact assessment
- environmental protection, management and pollution control, including environmental management systems
- environmental policy formulation
- environmental risk assessment and management
- natural resource management
- renewable energy applications and sustainable energy planning and design
- surface and groundwater systems including environmental flow management, riparian vegetation management and river health
- sustainable infrastructure and implementation of environmental rating tools
- water and wastewater treatment
- waste management and resource efficiency.

These activities could take place in any of the following domains:

- air and noise
- energy
- infrastructure
- soils and geology
- waste
- water and wastewater.

To find out more about environmental engineering visit our [Engineering communities](#) page.



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How to apply

This area of practice is available to those who want to become Chartered and is available to all occupational categories. Learn more about becoming [Chartered](#) and how to apply.

If you want to add environmental engineering as an additional area of practice, [email](#) us to enquire about the process.

Registration eligibility

Environmental engineers may need to hold statutory registration in an Area of Engineering in accordance with relevant legislation. Check the [State registration](#) page for more information.