

ENVIRONMENTAL SCIENCE AND MANAGEMENT CAREER SNAPSHOT

Study Opportunities

Considering studying Environmental Science and Management at JCU?

Then check out [Environmental Management - JCU Australia](#)

Clarify your study goals

Prepare yourself for the new world of work by exploring the careers that match your skills and interests.

[The Good Careers Guide](#)

Graduate Opportunities

The Bachelor of Environmental Science and Management is a 3-year undergraduate degree that builds on the University's reputation and world class expertise in environmental science and management.

Majors and potential jobs titles include:

- **Biodiversity Assessment and Management** - assessment and management of all living species, on land and in the water e.g., *Biodiversity and Resilience Officer, Policy and Program Officer*
- **Environmental Practice** – business literacy and corporate sustainability with environmental skills e.g., *Environmental/Sustainability Consultant, Environment / Sustainability Program Officer.*
- **Land and Water Management** - physical geosciences and environmental impacts on land, wetlands, river catchments and below the surface. e.g., *Land Management Advisor Integrated Water Policy and Programs Officer, Water Quality Assessment Officer.*

Job titles retrieved: [Seek](#) December 2022.

Employment Data

The [James Cook University LinkedIn](#) page, you can drill down to alumni with your major. Investigate their LinkedIn profiles to identify their career paths following completion of their studies, including job titles and current and past employers.

The top five employers of JCU Environmental Science alumni listed on LinkedIn are:

- James Cook University
- Department of Environment and Science
- CSIRO
- World Wildlife Fund
- Great Barrier Reef Marine Park Authority

Source [JCU LinkedIn](#) January 2024.

Work Experience

As part of your degree, you will complete a **final year professional placement** which is a tremendous opportunity to gain relevant work experience before you leave University.

It is recommended you gain additional relevant experience to further develop your technical and transferrable work skills and professional networks.

Transferrable skills commonly listed in environmental job advertisements include – stakeholder management, project management, collaboration across disciplines, information systems and technology, community engagement, customer service and enterprising skills (eye for identifying problems and taking initiative to address them).

Actively plan and look for opportunities to develop these skills in preparation for graduate employment.

Professional Associations



Environment Institute of Australia and New Zealand Inc.

[Environmental Institute of Australia and New Zealand](#) is a professional association for environmental practitioners across Australia and New Zealand.

Once enrolled in the Bachelor of Environmental Practice you can apply for [student membership](#) at a discounted rate.

The benefits include access to industry news and trends, and reduced fees for attendance at professional development and networking events including conferences and workshops.



Environmental professionals can apply to become [Certified Environmental](#)

[Practitioners \(CEnvP\)](#), providing they meet the experience, training, conduct and ethics requirements.

Certification demonstrates to employers and clients that the professional's environmental skills and knowledge meets national standards.

Volunteering

Volunteering in an environmental role provides an opportunity to give to the community plus develop work skills and network.

Volunteer opportunities can be found on:

- [Wet Tropics Management Authority](#) links to numerous volunteer organisations
- [Cairns and Far North Environment Centre](#)
- [Conservation Volunteers Australia](#)
- [Landcare](#)
- [Volunteering Dry Tropics Facebook](#)
- [Seek Volunteer](#) – Environment and Conservation
- [FNQ Volunteers](#)
- [Volunteering North Queensland](#)
- [Townsville Community Directory - volunteering](#)
- [Cairns Community Directory - volunteering](#)
- [Digivol](#) – research diversity of plant and animal life

There are many international volunteer opportunities listed online. Carefully research the organisation's reputation, costs, and previous users' feedback.



Vacation and Internship programs are generally offered by employers to students in the middle / final years of their degree.

Opportunities are posted on:

- Employer websites and social media accounts e.g., LinkedIn
- Online job boards e.g., [CareerHub](#)
- Graduate recruitment sites [Prosple](#), [GradConnection](#)

Enviro Job Network

The [Enviro Job Network](#) site provides detailed information on the differing environmental jobs and career paths you may wish to pursue with your degree. It provides job profiles, salaries, and tips for obtaining an environmental job.

Graduate Employers

As a graduate you can seek employment in a range of different organisations:

- [Environmental consultancies](#)
- Local Government e.g., [Cairns Regional Council](#), [City of Townsville](#)
- Queensland Government e.g., [Department of Environment and Science](#)
- Australian Government e.g., [Department of Climate Change, Energy, the Environment, and water](#)
- A wide range of industries including extractive industries, renewable energy industries, transport, and other infrastructure
- Heritage groups
- Administrative and scientific bodies e.g., [Great Barrier Reef Marine Park Authority](#)
- Tourism businesses
- Non-government organisations working in environmental fields e.g.,
 - [Wet Tropics Management Authority](#),
 - [Terrain Natural Resource Management](#),
 - [NRM Regions Australia](#),
 - [NRM Regions Queensland](#),
 - [NQ Dry Tropics](#)

Job Opportunities

Online job boards, graduate recruitment sites and employer websites and social media accounts all provide information on **job opportunities** available with your degree and **employer expectations**.

It is recommended that you work towards **filling the skills, knowledge and experience expectations** identified in your research, to ensure you are competitive when entering the graduate labour market.

Online Job Boards

- [Seek – Environmental, Earth and Geoscience Jobs](#)
- [JCU CareerHub](#)
- [Environmental Jobs Network](#)
- [NRMjobs natural resource management environment and water jobs](#)
- [Ethical Jobs Environment and Sustainability Jobs](#)
- [Green Careers](#)
- [Smart Jobs Queensland Jobs](#)
- [APSJobs Australian Public Service recruitment](#)

The [NRMjobs email bulletin](#) delivers a weekly listing of new job vacancies in the environment, water, and natural resource management field.

Graduate Recruitment Sites

- [Prosple](#)
- [GradConnection](#)
- [Queensland Government Graduate Portal](#)
- [Australian Government Graduate Portal](#)

Graduate Programs

While the majority of graduates will find employment with **small or medium size employers**, some final year students will gain entry into **Graduate Programs** offered by large organisations and government departments.

Graduate Programs generally **recruit students in their final year of study**, for commencement of employment in the following year.

Successful applicants are offered on-the-job training and mentoring within the organisation.

Graduate programs are competitive, so it is important to understand what is expected and work towards ensuring you have the skills, knowledge and experience required.

Graduate programs are advertised through employers' websites and social media (e.g. the [Australian](#), [Queensland](#) and other state government graduate portals) and through the graduate recruitment sites: [Prosple](#) and [GradConnection](#).

JCU Careers Resources

As a student, consider accessing JCU Careers resources and be job ready by developing your Employability skills. [Careers and Employability - JCU Australia](#)

Build your employability skills and fine tune your Application Skills

- **Resumes**
- **Application Documents**
- **Interviews**
- **LinkedIn**

For further ideas access [Career Ready Plan](#)

