

EARTH SCIENCE CAREER SNAPSHOT

Career Opportunities

Earth Science equips you to take up a range of career opportunities in Australia and internationally. You will develop skills in soil and water science, geomorphology, resource management, environmental impact assessment, and mine site rehabilitation. Graduates are employed in local, state, and federal government departments and non-government agencies and consultancies. Graduate employers include:

Queensland Department of Natural Resources and Mines
CSIRO
Geoscience Australia
Natural Resource Management Boards
Natural Resource Assessment Consultants
Environmental Management Agencies such as Environment and Heritage Protection and the Queensland Parks and Wildlife Service

Graduates may choose to undertake postgraduate study in order to specialise in a particular area of interest within their discipline, or pursue further studies in an area outside of science, such as education, law, business, journalism and finance.

Understand Your Options and Investigate Employer Expectations

To understand current demand areas and the scope of roles available, search current vacancies in the websites below.

Australia

[NRM jobs](#)
[Soil Science Australia - Employment Opportunities](#)
[GradAustralia-Earth Science Graduate Jobs](#)
[Seek - Environmental, Earth and Geoscience Jobs](#)
[Careers at CSIRO](#)
[APS Jobs-Science and Health Careers](#)
[Jobactive](#)
[Queensland Government Graduate Portal](#)
[JCU CareerHub](#)

International

[InfoMine-Careers](#)
[Earthworks-Jobs.com](#)
[New Scientist Jobs](#)

Over 1080 [JCU Alumni listed on LinkedIn](#) have %earth science+ included in their profiles. The top 20 employers include James Cook University, BHP, Evolution Mining, Rio Tinto, CSIRO, Department of Natural resources, mines and Energy (QLD), Geoscience Australia, Anglo American, South 32, MMG Limited, Kirkland Lake Gold KL), Curtin University, Mining Associates, Terra Search Pty. Ltd., Minotaur Exploration.

Take time to review career paths of JCU alumni, note the organisations and positions that led them where they are now, the professional groups they have joined on LinkedIn and consider inviting them to connect, ask them some questions about their career progression and what made them successful.

To understand current demand areas and the scope of roles available, tasks involved, knowledge and skills sought by employers, search weekly current vacancies in the following websites and save interesting positions for future reference. From the job adverts you can identify the tasks, activities and skills required for jobs of your interest and set up a skill development agenda to address over the course of your studies.

where JCU has an established campus, could be a great way to develop international industry networks, your global acumen, cultural sensitivity, resilience and adaptability.

Volunteering in a [general](#) or an environmental role provides an opportunity to give back to the community, develop networks, work skills and experiment with your course content. Opportunities can be sourced from:

[Wet Tropics Management Authority](#)

[Conservation Volunteers](#)

[Australian Wildlife Conservancy](#)

[Seek Volunteer](#)

[Volunteering North Queensland](#)

[Townsville City Council](#)

[Community Directory](#)

[Cairns City Council Community Directory](#)

Engaging in a [part time job](#) and [mapping out the transferable skills](#) you develop would also be highly regarded by future employers.

You may be able to engage in a [placement subject](#) as part of your study that could give you an opportunity to get a taste of working in your industry.