

Position Title	Research Assistant – Soil Chemistry (Microplastic analysis)
Group/Portfolio	Griffith Sciences/School of Environment and Science
Classification	Research Assistant Grade 1 or Research Assistant Grade 2
Position Number	00063823
Reports To	Distinguished Professor Chengrong Chen
Employment Type	Fixed Term

1.0 Position Purpose

The Soil and Environmental Biogeochemistry Research Assistant will work with the project team to process soil, plant and environmental samples and conduct chemical, physical and biological analyses on these samples for the externally funded research projects. This role will also work with the field technician to collect soil and plant sample from the field as needed.

For this role, the successful applicant is expected to have some practical experience in working in a chemistry lab, and understand work health and safety. Experience in analysing microplastics is preferable.

2.0 Eligibility Requirements

- BSc or MSc or equivalent qualifications in analytical chemistry, soil science, environmental science or equivalent areas, and work experience in soil processing and chemical analysis in a laboratory context.

3.0 Key Responsibilities

- Prepare soil/ environmental samples for analysis, and this will involve soil sampling, processing and sieving.
- Conduct chemical, physical and microbiological analysis on soil, plant and environmental samples, particularly in the area of microplastic analysis of soil and waste samples.
- Complete testing within required timeframes and in accordance with direction from Lab Manager.
- Coordinate activities with other program participants to ensure effective team communication and collaboration throughout the lifetime of the project.
- Be able to work in a team environment as well as independently.
- Lead and promote compliance with relevant legislation and University policies and procedures, including research ethics, equity, and health & safety, laboratory standards and exhibit good practice in relation to same.
- Be a leading example of the principles and values embodied in the University's Code of Conduct, and behave, act and communicate at all times to reflect fairness, ethics and professionalism.

4.0 Key Capabilities

- Griffith University identifies the attributes of resilience, flexibility, creativity, digital literacy and entrepreneurship as critical to our graduates' success, in the rapidly changing future world of work. We have established a Griffith University Capability Development Framework to provide a common language of some of the non-technical organisation skills that will support our staff to thrive now and into the future. The Capability Development Framework will assist you to understand the current skill level of this position in the non-technical but critical skill domains that are increasingly important in a changing workplace context.

To read about some of the non-technical organisation skills for this position, please see the Leads Others section of our [Capability Development Framework](#).