Laura Hondroudakis

B.EnviSci

Environmental Scientist

SEEC

Strategic Environmental and Engineering Consulting

Laura is an Environmental Scientist with experience in environmental management of construction projects. She has a firm understanding of erosion and sediment control management, waste management, environmental monitoring, and reporting.

Laura has a background in soil science and has translated this into practical applications within the construction industry. She has previously worked on a major green-field highway construction project in Queensland which had a large focus on erosion and sediment control, monitoring compliance, reporting and site inspections.

Laura is one of our Environmental Scientists. She has experience in worksite environmental compliance and monitoring. She is also experienced in reviewing and auditing erosion and sediment controls on worksites

Qualifications

- Bachelor of Environmental Science (Honours) (Natural Resource Science), University of Queensland, 2022.

Areas of Expertise

- Construction site environmental management
- Construction site erosion and sediment control
- Data processing and analytics
- Research projects and field trials
- GIS
- Environmental field monitoring and compliance

Short Courses

- Erosion and Sediment Control (Four-day Workshop); Centre of Environmental Training, 2023
- White Card (Construction)
- RIIWHS202E: Enter and work in confined spaces
- BSBLDR412: Communicate Effectively as a Workplace Leader
- BSBWHS414: Contribute to WHS Risk Management

Career Highlights

Environmental Scientist, SEEC; Apr 2024 to present.

- Preparation and revising ESCPs/SEDMPs in accordance with IECA white book and *Managing Urban Stormwater* (Blue Book)
- Advice on erosion and sediment control
- Auditing and compliance

Environmental Advisor (Graduate), CPB Contractors; Jan 2023 – Mar 2024

- Key Member of the Environment Team on an 18km greenfield project to bypass Gympie.
- Maintaining and upholding best practice standards for erosion and sediment control through administration of the Site plan, generating progressive control plans for new works, identifying and scheduling maintenance of existing controls, managing and treating sediment basins, and engaging in external Site inspections.
- Planning and supervising a dedicated erosion and sediment control crew.
- Writing and managing monthly reports on various environmental aspects, audits, notifications, permits, and incidents.
- Collaborating with Site supervisors for positive environmental outcomes.
- Submitting notifications to Regulators such as waterway barrier works.
- Facilitating and participating in audits by Client and Regulator.
- Responding and managing incidents effectively.
- Conducting environmental monitoring and audits as per Site EMP

Lead Demonstrator, University of Queensland; Feb 2021 – Nov 2022

- Lead practical demonstrator, fieldtrip facilitator and tutor for a first-year geography course.
- Organised and trained tutoring team and communicated with lecturers and students.
- Developed and coded content with academics for a digital platform.
- Led practical classes of 30 – 60 students on geographical concepts and group work.
- Marked research reports and final exam essays.
- Assisted in workshops and Open Days for UQ.

Casual Senior Scientific Research Assistant, CSIRO; Mar 2022 – Nov 2022

- Completed laboratory work for CSIRO research projects in Agriculture and Food division, individually and in groups.
- Worked on a wheat roots project involving root washing, sample preparation, and AI imaging.

Summer Internship, CSIRO Agriculture and Food; Nov 2021 – Feb 2022

- Conducted a research project on quarry waste as a soil ameliorant.
- Acquired laboratory skills in analytical chemistry, pot trial management, and soil testing.
- Prepared a report and seminar for sponsors and industry partner.

Summer Research Scholarship Recipient, University of Queensland; Nov 2020 – Feb 2021

- Investigated community dynamics among bloom-forming cyanobacteria.
- Reviewed relevant literature and laboratory methods the optimal conditions for benthic and planktonic algae long-term batch-culturing, culture transfer and purification both individually and in a group environment with other student researchers.
- Engaged in field sampling of benthic algae from Moggill Creek

Contact Details

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