

PROFILE

MEGAN SKELTON

ENVIRONMENTAL PROJECT OFFICER



BACKGROUND

Megan is a Marine Biologist/Environmental Scientist at Catchment Solutions who has worked across a wide range of projects, specializing in marine and freshwater ecology and monitoring.

She has extensive experience in seagrass/macroalgae monitoring, coral collection, fish and fish habitat surveys and multiple fine-scale and real-time water quality monitoring projects across Queensland. Megan has conducted a substantial amount of fieldwork in remote locations, particularly within the Great Barrier Reef, due to her role as a Scientific Officer on Heron Island Research Station. Her long-term involvement with the research station allowed her to learn new methodologies and develop research skills across complex benthic communities.

Megan has a Bachelor of Science (Marine Biology; Honours Class 1) from the University of Queensland. Her thesis focused on the habitat selection of seahorses and pipefish of seagrasses and macroalgae, for which she was awarded Honours – Class 1. She has also obtained a Graduate Certificate (Environmental Management and Sustainability) from the University of Newcastle and worked in fine scale water quality monitoring and environmental compliance. This has given her a well-rounded understanding of environmental challenges in Queensland.



“I am passionate about protecting our marine and freshwater environments, enjoying nature and finding solutions to complex environmental problems.”

She has comprehensive skills in data collection and analysis, report writing and marine survey techniques. Megan is excited to continue expanding her skills and contribute to projects, creating positive environmental outcomes for the Mackay region.

KEY SKILL AREAS

- Water quality monitoring (freshwater and marine)
- Marine surveys (flora and fauna)
- Environmental planning and assessment
- Data analysis
- Report writing



EDUCATION AND TRAINING

Bachelor of Science (Zoology), B.Sc.

University of Queensland (2013 – 2016)

Bachelor of Science (Honours; Marine Biology – Class 1), B.Sc.(Hons)

University of Queensland (2013 – 2016)

Graduate Certificate (Environmental Management and Sustainability) GradCert

University of Newcastle (2020)

Recreational Ship Masters License: class RMDL

Construction White Card

CASA drone pilot license (up to 25kgs)

PADI Rescue diver certificate

EXPERIENCE

The Department of Environment, Science and Innovation (2022 – 2024)

Senior Environmental Officer

Scientist (Water Quality)

The University of Queensland (2018 – 2024)

Scientific Officer (Heron Island Research Station)

Research Assistant (Marine Ecology)

RELEVANT PROJECTS

PROJECT	DESCRIPTION	ROLE	CLIENT	YEAR
Linderman Island water quality monitoring	Conducting a long-term marine and freshwater water quality monitoring program.	Water Quality consultant	Well Smart Pty Ltd	2024 - Present
MRC Petrie Creek soil investigation	Soil investigation and the preparation of a PFAS/ASS (MBO) management report for Petrie Creek.	Environmental consultant	Mackay Regional Council	2024
Real time water quality monitoring	Monitoring water quality of the Burdekin and Herbert catchments prior to entering the GBR catchment. Preparation of reports identifying patterns for future environmental management.	Project manager, technical and logistical operations, analysis and reporting	Department of Environment and Science	2022 - 2023
Heron Island Research Station – various projects.	Numerous projects across Heron Island which included field work, lab analysis, organism collection, coral surveys and developing complex seawater systems.	Marine biologist, lab manager, scientific communicator, stakeholder liaison, permit regulation, data acquisition/processing and research logistics.	The University of Queensland	2019 - 2022
Syngnathid and seagrass/macroalgae spatio-temporal habitat preference.	Conduct a long-term investigation on the relationship of syngnathids and seagrass/macroalgae species in moreton bay, coupled with further laboratory experiments.	Marine biologist, project manager, technical and logistical operations, analysis and reporting	The University of Queensland	2016 - 2019

