

Plan Overview

A Data Management Plan created using DMPTool-Stage

Title: Unravelling how aquatic biogeochemical networks regulate nitrogen removal across current and future coastal landscapes

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Project abstract:

The aim of this project is to determine the nitrogen removal pathways of the coastal zone using a number of innovative field and modelling approaches. Little is known about how the complex coastal landscape controls trade-offs that maximise nitrogen removal but minimise nitrous oxide (a potent greenhouse gas) emissions. The outcomes of this study will significantly advance our understanding of the coastal zone in regional and global nitrogen budgets. This will provide significant benefits such as a new science-based quantitative framework to facilitate best practice management to reduce terrestrial nitrogen loads and associated downstream impacts such as eutrophication, and reduce nitrous oxide emissions and associated global warming.

Start date: 06-30-2021

End date: 06-29-2024

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Unravelling how aquatic biogeochemical networks regulate nitrogen removal across current and future coastal landscapes

Bradley Eyre

Faculty of Science and Management

Bradley Eyre

- Yes

1/7/21

30/6/24

- Yes

Australian Research Council (ARC)

Question not answered.

Question not answered.

- Digital Only
- Samples
- Instrument measurement
- Experimental observations
- Models/software
- Other

Environmental

- No
- AARNet Cloudstor
- Text files (e.g., .doc, .pdf, .txt, .csv)
- Image files (e.g., .jpg, .tiff, .png, .bmp)
- 500Gb+

syncing data to One Drive, back-up hard drive

- No, I don't require ethics approval for this project
- No

- Yes

Healthy Land and Water

- I have permission to use the data

Question not answered.

- Yes
- SCU repository (Research Portal)

10 years??

- Yes
- Yes

Keywords

- Yes

Nil

Planned Research Outputs

Dataset - "Project Data"

Planned research output details

Title	Type	Anticipated release date	Initial access level	Intended repository(ies)	Anticipated file size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
Project Data	Dataset	Unspecified	Open	None specified		None specified	None specified	No	No