Plan Overview

A Data Management Plan created using DMP Tool

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

Creator: Bradley Eyre

Affiliation: Southern Cross University (scu.edu.au)

Principal Investigator: Matt Hipsey

Funder: Australian Research Council (arc.gov.au)

Funding opportunity number: LP200200910

Grant: LP200200910

Template: Southern Cross - Data Management Plan - All Staff v2

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: 07-01-2021

End date: 06-30-2024

Last modified: 07-08-2024

Copyright information:

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

Roles

Who is the first-named SCU staff member on the project?

Bradley Eyre

What work unit is the project being run through?

Faculty of Science and Management

Which SCU staff member is responsible for the project's data management?

Bradley Eyre

Is SCU the lead organisation on the project?

- Yes

Timeframes

What is the planned/estimated project start date?

1/7/21

What is the planned/estimated project end date?

30/6/24

Funding bodies

Does the project involve (or is supported by) an external funding body?

- Yes

Australian Research Council (ARC)

Name of funding body

Question not answered.

What is the funding body reference?

Question not answered.

Data description

Are you collecting only digital data?

- Digital Only

Details of the data to be collected

- Samples
- Instrument measurement
- Experimental observations
- Models/software

What type of data will you be collecting?

- Other

Environmental

Is proprietary software required to access the data?

- No

Data Storage

Where do you plan to store the data?

- AARNet Cloudstor

What file formats will you use?

- Text files (e.g., .doc, .pdf. .txt, .csv)
- Image files (e.g., .jpg, .tiff, .png, .bmp)

What is the expected volume of data?

- 500Gb+

What is your data backup plan?

syncing data to One Drive, back-up hard drive

Ethics, privacy, copyright

Do you have an ethics approval number?

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

Are there any obligations around sensitivity and/or privacy of data?

- No

Are you using data from another source?

- Yes

Healthy Land and Water

Relating to the question above, indicate what arrangements apply

- I have permission to use the data

Please provide any other details

Question not answered.

Are you planning on making your data available on Open Access?

- Yes

Repository and preservation

At the end of the project, where do you plan to deposit your data?

- SCU repository (Research Portal)

What required retention timeframe will apply to the data?

10 years??

Data sharing

Are there obligations to make data open at project completion?

- Yes

Are you planning to deposit the data into the Research Portal?

- Yes

Metadata

What metadata will be provided to help others identify and discover the data?

Keywords

Will you require a DOI?

- Yes

Other information

If there is any other information you would like to include, please do so here:

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