

## Plan Overview

---

*A Data Management Plan created using DMPTool*

**Title:** Center: Great Lakes Center for Fresh Waters and Human Health

**Creator:** Tracey Wiley

**Affiliation:** University of North Carolina at Chapel Hill (UNC-CH) (unc.edu)

**Funder:** National Science Foundation (nsf.gov)

**Funding opportunity number:** NSF 23-1

**Grant:** 161753

**Template:** NSF-CHE: Chemistry Division

**Project abstract:**

[https://ramses2.research.unc.edu/ramses/de\\_abstract.cfm?prop\\_id=183475](https://ramses2.research.unc.edu/ramses/de_abstract.cfm?prop_id=183475)

**Start date:** 02-01-2024

**End date:** 01-31-2029

**Last modified:** 01-05-2024

**Copyright information:**

The above plan creator(s) have agreed that others may use as much of the text of this plan as they would like in their own plans, and customize it as necessary. You do not need to credit the creator(s) as the source of the language used, but using any of the plan's text does not imply that the creator(s) endorse, or have any relationship to, your project or proposal

---

## Center: Great Lakes Center for Fresh Waters and Human Health

Observational (primary)

Chemical and Biological (primary)

Microbial (analyzed)

Raw Samples (primary)

Raw Data (.dat and ASCII)

Excel Spreadsheet Files (.xlsx) converted to ASCII for analysis (Matlab, R)

Field and sample data to include date, time, location, and depth

All files will be backed up weekly and stored both onsite on personal computers with redundant backup on shared network drive and offsite on portable media.

Data will be shared among project participants using email and password-protected cloud storage.

Embargo Period - a maximum of two years will be taken to ensure adequate time for original research collaborators to publish results.

Access - after embargo period, complete data set made available thru NCBI and JGI thru local web servers and through inclusion in DRYAD Digital Repository.

Project collaborator users will be able to contact the PIs with questions regarding access and use of the data.

Once the embargo period ends the project data will be public domain.

Two requirements: Publications presenting project data will be acknowledged by all users. Footnotes and addenda to the database will be maintained regularly to track publications.

All data will be retained for at least 3 years beyond the award period, as required by NSF. PI will work closely with NCBI and JGI curators related to data preservation. Redundant storage in this clearing house will guarantee the widest dissemination possible to future access for the supported data and the core data set.

---

## Planned Research Outputs

### Dataset - "Observational, Chemical and Biological data"

New data will be available to the P.I. and collaborators and can be retrieved from data repositories for future publications.

---

### 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?
Observational, Chemical and Biological data	Dataset	2024-02-29	Open	NCBI, JGI		Creative Commons Attribution Share Alike 4.0 International	eMetabolomics Standards Initiative- Environmental Context Working Sub-Group, MSI- ECWSG ABCD (Access to Biological Collection Data)	No	No