



## Amanda Whitmire

Head of Science & Engineering Resource Group; Head Librarian & Bibliographer, Hopkins Marine Library

 Curriculum Vitae available Online

### Bio

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#### BIO

I grew up on the shores of Huntington Beach, CA, and my interest in marine biology goes back as far as I can remember. After spending most of my adult life studying and working in the marine sciences, I jumped ship and became a data specialist with the libraries at Oregon State University in 2012, and have been with Stanford Libraries at Hopkins Marine Station since December 2015. I have a strong interest in exploring how library collections can be leveraged to surface historical environmental and biodiversity data and embrace a "collections as data" approach at Miller Library.

#### CURRENT ROLE AT STANFORD

My main goals are to:

1. support excellence in research by any means necessary, with physical and virtual library spaces and collections;
2. facilitate effective stewardship and curation of information and data generated by the research community at Hopkins Marine Station;
3. extend the preservation efforts of HMS archival collections to create actionable research products, thus broadening their utility and impact; and,
4. share the remarkable work of Hopkins researchers with our local community through meaningful engagement with diverse audiences.

As the Head of the Science and Engineering Resource Group, I have oversight of the science and engineering branch libraries at Stanford University, including the Branner Earth Sciences Library, Terman Engineering Library, Robin Li & Melissa Ma Science Library, Harold A. Miller Library, and the David Rumsey Map Center.

As Head of the Harold A. Miller Library at Hopkins Marine Station, my primary responsibilities include:

1. overall management of the library;
2. collection development (books, journals, data and electronic resources) in marine sciences;
3. plan and direct curation of our unique legacy collections, including historical archives and data;
4. assist Hopkins residents in finding the information they need, procure documents not available locally or online, and provide instruction on use of physical and virtual library resources and spaces;
5. lead the management of our makerspace;
6. provide research services, including consultations on scholarly communication and data management, sharing and curation.

Find me on Bluesky @thalassalib.bsky.social

## EDUCATION AND CERTIFICATIONS

- Ph.D., Oregon State University , Oceanography (2008)
- B.S., honors, University of California, Santa Barbara , Aquatic Biology (2000)

## SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Trustee, Monterey Peninsula Unified School District Board of Education (December 2018)

## PERSONAL INTERESTS

gardening, knitting, crochet, weaving, sewing, cooking

## LINKS

- My profile page: <https://library.stanford.edu/people/amanda-whitmire>
- My personal website: <https://amandawhitmire.github.io/>
- My ORCID page: <http://orcid.org/0000-0003-2429-8879>

## Professional

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## PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Steering Group Member, Environmental Data Science (EDS) RCN, NCEAS (2021 - present)
- Representative, Cyamus Regional Group, Intl. Assoc. of Aquatic & Marine Science Libraries & Information Centers (2021 - present)
- Member, IAMSLIC Aquatic Commons Board (2016 - present)
- Member, IAMSLIC - International Association of Aquatic and Marine Science Libraries and Information Centers (2016 - present)
- Member, DataONE Community Engagement and Outreach (CEO) Working Group (2016 - 2020)
- Secretary, Cyamus Regional Group, Intl Assoc. of Aquatic & Marine Science Libraries & Information Centers (2016 - 2018)

## Publications

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## PUBLICATIONS

- **Water, Water, Everywhere: Defining and Assessing Data Sharing in Academia** *PLOS ONE*  
Van Tuyl, S., Whitmire, A. L.  
2016; 11 (2)
- **Implementing a Graduate-Level Research Data Management Course: Approach, Outcomes, and Lessons Learned** *Journal of Librarianship and Scholarly Communication*  
Whitmire, A. L.  
2015; 3 (2)
- **Building professional development opportunities in data services for academic librarians** *IFLA Journal*  
Conrad, S., Shorish, Y., Whitmire, A. L., Hswe, P.  
2016; 43 (1): 65-80
- **Using data management plans to explore variability in research data management practices across domains** *International Journal of Digital Curation*  
Wells Parham, S., Carlson, J., Hswe, P., Westra, B., Whitmire, A.  
2016; 11 (1): 53-67
- **Phenology of particle size distributions and primary productivity in the North Pacific subtropical gyre (Station ALOHA)** *Journal of Geophysical Research: Oceans*  
White, A. E., Letelier, R. M., Whitmire, A. L., Barone, B., Church, M. J., Karl, D. M.  
2015; 120 (11): 7381-7399

- **Variability in academic research data management practices: implications for data services development from a faculty survey** *Program: Electronic Library and Information Systems*  
Whitmire, A. L., Boock, M., Sutton, S. C.  
2015; 49 (4)
- **Data and code from: Variability in academic research data management practices: implications for data services development from a faculty survey** *ScholarsArchive@OSU*  
Whitmire, A. L.  
2015

## PRESENTATIONS

- Librarians + Wikipedia: Building skills to reduce information inequality in the aquatic sciences - 2021 SAIL/Cyamus Joint Annual Conference (2021)
- Curating a 23-year weekly time-series of oceanographic data in Monterey Bay, California, or: how I learned to stop worrying and love the data - The Rescue of Data At Risk workshop in Boulder, CO, on 8–9 September 2016. Co-hosted by the Research Data Alliance (RDA) and the Committee on Data for Science and Technology (CODATA) (2016)