

# Kara H. Woo

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## EDUCATION

**Master of Library and Information Science, University of Washington, expected 2017**

**Bachelor of Science in Environmental Science, Brown University, 2012**

Capstone: Scientific Tools for Ecosystem-Based Management in Massachusetts

## EXPERIENCE

**University of Washington Libraries** - Seattle, WA

*Slavic Acquisitions Student Specialist*, January 2016 - present

- Processing a backlog of Slavic books received by the library

**Washington State University** - Pullman, WA

*Information Manager*, April 2015 - present

- Collaborated on developing a data template for the [Ecology Under Lake Ice](#) project. Wrote an R package to validate data and performed QA/QC on incoming data sets.

**National Center for Ecological Analysis and Synthesis** - Santa Barbara, CA

*Information Manager*, June 2012 - March 2015

- Managed data for the [Lake Baikal Dimensions of Biodiversity](#) project. Educated researchers about best practices in data management. Cleaned and aggregated data for analysis using R.

**Leslie Lab, Brown University** - Providence, RI

*Undergraduate Researcher*, September 2011 - May 2012

- Researched progress toward marine ecosystem-based management in New England and assisted with fieldwork in ecology of rocky intertidal ecosystems.

## PUBLICATIONS

### *Peer-reviewed*

Izmest'eva, L. R., M. V. Moore, S. E. Hampton, C. J. Ferwerda, D. K. Gray, K. H. Woo, H. V. Pislegina, L. S. Krashchuk, S. V. Shimaraeva, and E. A. Silow. (2015). Lake-wide physical and biological trends associated with warming in Lake Baikal. *Journal of Great Lakes Research*. <https://dx.doi.org/10.1016/j.jglr.2015.11.006>

Hampton, S. E., S. Anderson, S. C. Bagby, C. Gries, X. Han, E. Hart, M. B. Jones, W. C. Lenhardt, A. MacDonald, W. K. Michener, J. F. Mudge, A. Pourmokhtarian, M. Schildhauer, K. H. Woo, N. Zimmerman. 2015. The Tao of open science for ecology. *Ecosphere* 6:art120. <https://dx.doi.org/10.1890/ES14-00402.1>

Sharma, S. et al. (74 authors). 2015. A global database of lake surface temperatures collected by in situ and satellite methods from 1985–2009. *Scientific Data* 2:150008. <https://dx.doi.org/10.1038/sdata.2015.8>

### Preprints

Hart, E., P. Barmby, D. LeBauer, F. Michonneau, S. Mount, T. Poisot, K. H. Woo, N. Zimmerman, J. W. Hollister. 2015. Ten simple rules for digital data storage. *PeerJ PrePrints* 3:e1804 <https://dx.doi.org/10.7287/peerj.preprints.1448v1>

## DATA

Sharma, S. et al. (74 authors). 2014. Globally distributed lake surface water temperatures collected in situ and by satellites; 1985–2009. <http://doi.org/10.6073/pasta/379a6cebee50119df2575c469aba19c5>

## SOFTWARE

Chamberlain, S., A. MacDonald, G. Simpson, K. Woo, and N. Zimmerman. pangaeear: R Client for the online Pangaea Database (2014). <https://github.com/ropensci/pangaeear>

## PRESENTATIONS

Woo, K. H., S. E. Hampton, A. W. E. Galloway. Data management and building community in a global synthesis of under-ice productivity. International Association for Great Lakes Research, 2015. [Slides](#).

## HONORS AND AWARDS

- Residential MLIS Dean's Fellowship (2015–2016)
- Associate member, Sigma Xi (2012)
- First Marks, 12th International Olympiad of Russian Language. Moscow, Russia (2008)

## TEACHING

### Workshops

- Data Carpentry, Washington State University (May 2015)
- Software Carpentry, Washington State University (April 2015)
- Software Carpentry, University of Michigan (January 2015)

### Guest Lectures

- 'Shirtstorm' and gendered harassment in online communities. University of Idaho, February 2015

## PROFESSIONAL ACTIVITIES

- Member, International Association for Great Lakes Research (2015–present)

- Center for Open Science Ambassador (2015-present)
- Organizing committee member, Open Science Codefest (2014)
- Member, International Network of Next Generation Ecologists Open Science Working Group (2014-present)
- Member, Association for the Sciences of Limnology and Oceanography (2014-2015)

## SKILLS

### *Computing*

R, Bash, Git, Subversion, OS X, Linux

### *Language*

Russian (advanced writing and speaking)