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

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

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. http://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. http://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. `pangaear`: R Client for the online Pangaea Database (2014). https://github.com/ropensci/pangaear

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.

Moore, M. V., S. E. Hampton, C. J. Ferwerda, D. K. Gray, T. Ozersky, E. A. Silow, K. H. Woo. Lake-wide physical and biological trends associated with warming in Lake Baikal. ASLO Aquatic Sciences Meeting, 2015.

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)