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2012 e-Science Symposium

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Building Research Networks to Support Campus Programs

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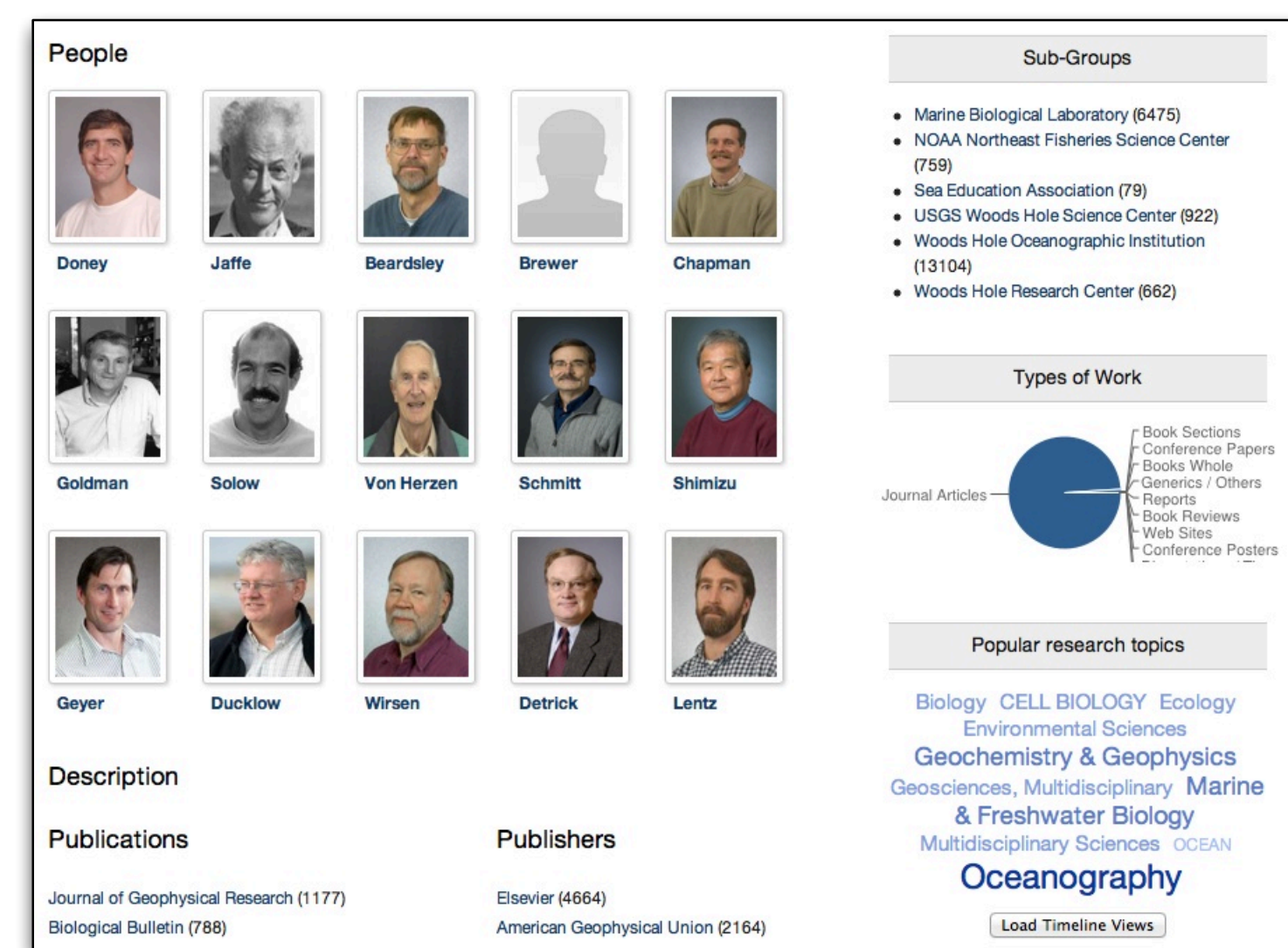
MOTIVATION

Library Expertise

For decades, the Library has been the keeper of the scholarly output of the Woods Hole scientific community. In 2008, we launched Connected Village, a research networking and discovery service. The community has begun to recognize the Library as experts in promoting up-to-date information about researchers and research activities in Woods Hole.

Demand for Research Impact

- Various groups across Woods Hole are increasingly interested in publication lists and research trends of our researchers.
- Funding agencies are requiring more outreach and information/data sharing with regards to research results.



CHALLENGES

- ➔ Author name disambiguation
- ➔ De-duplication of works
- ➔ Reformatting citation lists of all kinds for ingest
- ➔ Enhancing citations with abstracts, keywords, DOIs, etc.
- ➔ Soliciting citations from researchers
- ➔ Keeping profiles current as researcher affiliations shift
- ➔ Systems administration

RESULTS TO DATE

2854 Researcher profiles
44 Research groups
20630 Papers

Increased Discoverability



Data reuse on the rise

USE CASE: NOSAMS RELATED RESEARCH

Goal: Create a search & browse interface to the works related to NOSAMS research since its inception in 1990. Support WHOI in its NSF renewal to be the host institution of the National Ocean Sciences Accelerator Mass Spectrometry Facility.

NOTES

About NOSAMS Related Research

NOSAMS Related Research is a database of researchers and their publications related to radiocarbon analyses made at the National Ocean Sciences Accelerator Mass Spectrometry Facility (NOSAMS) located at the Woods Hole Oceanographic Institution.

From the Facility Director

"The idea is to provide you with a straightforward, comprehensive, and intuitive interface to this literature and the investigators (including yourself) who did the work. This has the potential for enhancing the public exposure of your work and helps to fulfill the important work of outreach that our funding agencies (especially NSF) desire."

Features

- 1 Visual representation of collaborations among clients
- 2 Easy reuse of publication data
- 3 Customizable researcher profiles
- 4 Link to client datasets [**next phase**]
- 5 Provides a means of communication and paper solicitation between facility and client

NOSAMS Related Research pages 1037 researchers, 1922 papers

Home

Individual Researcher

Faceted Browsing

The projects mentioned in this poster run on the open-source platform BibApp, developed by:



BibApp source code: github.com/bibapp/bibapp

Connected Village: research.mblwhoilibrary.org

NOSAMS Related Research: nosams.mblwhoilibrary.org

Questions and comments

Please contact me regarding anything about this project at jfurfey@mbl.edu