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ALPS Implementation Conference

Mary Jane Perry

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Final Report for Period: 03/2006 - 02/2007

Submitted on: 07/29/2008

Principal Investigator: Perry, Mary J.

Award ID: 0451010

Organization: University of Maine

Submitted By:

Perry, Mary - Principal Investigator

Title:

ALPS Implementation Conference

Project Participants

Senior Personnel

Name: Perry, Mary

Worked for more than 160 Hours: Yes

Contribution to Project:

Post-doc

Graduate Student

Undergraduate Student

Technician, Programmer

Name: Manahan, Abigail

Worked for more than 160 Hours: Yes

Contribution to Project:

Construction of ALPS science portal website

Other Participant

Name: Sackmann, Katherine

Worked for more than 160 Hours: No

Contribution to Project:

Organization of workshop

Research Experience for Undergraduates

Organizational Partners

Other Collaborators or Contacts

Many other members of the oceanographic community participated in the workshop

Activities and Findings

Research and Education Activities:

The primary activity of this project was a workshop that was held in October 2005 on science experiments that could be done using Autonomous and Lagrangian Platforms and Sensors (ALPS).

Findings:

A workshop on science experiments using autonomous vehicles was held in October 2005. Although the report was never completed, the interest stimulated by the workshop has led to a number of successful proposals using mobile platforms that were written by attendees. An outgrowth of the workshop was the idea for a special journal issue to focus on the science enabled by the mobile autonomous platforms (rather than papers focused on the technologies).

Training and Development:

Ultimately, due to the interactions provided by the workshop, many of the attendees have since written successful proposals that include support and development opportunities for graduate students and post-doctoral fellows.

Outreach Activities:

No specific outreach activities were conducted.

Journal Publications**Books or Other One-time Publications****Web/Internet Site****Other Specific Products****Contributions****Contributions within Discipline:**

water-column oceanography

Contributions to Other Disciplines:

ocean technology

Contributions to Human Resource Development:

Many of the workshop attendees have since written successful proposals that include support for graduate students and post-docs.

Contributions to Resources for Research and Education:

The increased awareness of the capabilities of mobile autonomous platforms has led ultimately to the new or increased acquisition of these platforms by many of the attendees.

Contributions Beyond Science and Engineering:**Categories for which nothing is reported:**

Organizational Partners

Any Journal

Any Book

Any Web/Internet Site

Any Product

Contributions: To Any Beyond Science and Engineering