


2010 Ocean Sciences Meeting

You may print by clicking on this  button. To return to the previous page, close this browser window or click the 'X' button in the top right corner of the page.

ID# ED35B-03

Location: Poster Hall E

Time of Presentation: Feb 24 5:30 PM - 7:00 PM

Unlimited Access: Using collaborative products to make current scientific knowledge more accessible

*J. Woerner*¹; *T. Bishop*²; *T. Carruthers*¹; *W. Dennison*¹; *L. Murray*³; *C. Gurbisz*³

1. Integration and Application Network, University of Maryland Center for Environmental Science, Cambridge, MD, United States.
2. College of Exploration, Potomac Falls, VA, United States.
3. University of Maryland, Cambridge, MD, United States.

An ever growing number of scientists recognize the need to increase awareness about ocean science research, especially in regard to policy initiatives on climate change. However, scientists may find it difficult to reach an audience outside of their community. At the same time, educators are searching for accurate and engaging science education resources to inspire students to become interested in scientific discovery. Collaborations between scientists and educators can meet both of these needs and provide unlimited access for students to learn about scientific discovery. If scientists and educators collaborate to create science education resources, then current scientific knowledge can be disseminated to a broader audience. When these collaborations are focused around a specific product, the product drives the process by setting clear objectives, guiding discussions, facilitating a transfer of knowledge, and resulting in a tangible suite of materials that can be used to expand the effectiveness of the collaboration long after it has ended. Through scientist-educator fellowship teams sponsored by COSEE Coastal Trends, scientists and educators have created web-based education resources that help make scientific knowledge more accessible to teachers, students, and the public. These resources include lesson plans, online activities and assessments, self-contained visuals, and videos—resources that can be incorporated into middle and high school classrooms, public displays, brochures, and factsheets which further support outreach and broader impacts initiatives. Reflections by team members coupled with data from users, will demonstrate how the collaborative products developed in a fellowship team can facilitate the communication of science outside of the scientific community.

Contact Information

Joanna Woerner, Cambridge, Maryland, United States, 21613, [click here](#) to send an email

ScholarOne Abstracts® (patent #7,257,767 and #7,263,655). © [ScholarOne](#), Inc., 2010. All Rights Reserved.
ScholarOne Abstracts and ScholarOne are registered trademarks of ScholarOne, Inc.

[Terms and Conditions of Use](#)