

- **Principal Investigator:** Bob Chen, University of Massachusetts, Boston
- **Location:** COSEE OCEAN is based at the University of Massachusetts, in Boston, MA
- **Website:** <http://coseeocean.net>
- **Collaborators/Partners:** University of Massachusetts; Boston Public Schools; New York Hall of Science; the American Society of Limnology and Oceanography (ASLO)
- **Co-Principal Investigators and Key Project Partners:** Arthur Eisenkraft, UMass Boston; Adrienne Sponberg, ASLO; Alan Friedman, New York Hall of Science; Pam Pelletier, Boston Public Schools. Supporting partners include the Lawrence Hall of Science and COSEE China. Evaluation is conducted by the Program Evaluation Research Group (PERG) at Lesley University.



COSEE OCEAN COMMUNITIES IN EDUCATION AND SOCIAL NETWORKS

Mission: To leverage existing networks and communities by strategically investing COSEE OCEAN resources. COSEE OCEAN aims to reach all ocean scientists, to target under-represented minority students in urban school districts, and to form connections between existing educational networks.

What We Do:

- Engage more ocean scientists in high quality education and outreach opportunities provided by the COSEE Network;
- Deliver high quality ocean science instructional materials to a diverse audience in a large urban school district; and
- Promote Ocean Literacy through a network of informal science education institutions and individuals.

Who We Are: COSEE OCEAN is a focused team of research scientists, formal and informal educators, and network science experts.

Audience: The COSEE Network, scientists, formal and informal educators, and graduate students.



Date Established: October 2010

Why We Were Established: COSEE OCEAN was established to increase the capacity and productivity of the COSEE Network, to leverage existing professional networks, and to develop models for urban school district curriculum development.

History: Since October 2010 COSEE OCEAN has offered workshops at professional scientific meetings on using networks for greater collaboration, has begun the formation of a network of graduate students interested in ocean education and a network of informal science educators, and is implementing Ocean Literacy-based curriculum in the Boston Public Schools at a district level.



What We Offer...

- Professional development opportunities for ocean scientists and connection to COSEE Network activities;
- Avenues for the COSEE Network to exchange knowledge and resources with other STEM programs nationwide;
- Opportunity for informal education institutions to increase their capacity to address public ocean literacy; and
- A model for implementing a high quality ocean curriculum in diverse, urban school districts.

Example Offerings...

- Engaging ocean scientists through workshops at ASLO meetings
- Facilitating adoption of Ocean Science Curriculum by Boston Public Schools
- Engaging networks of informal science educators
- Engaging a network of graduate students interested in ocean education
- Linking the COSEE Network with STEM learning communities
- Exchanging ideas, experiences and resources with COSEE China

