



## Announcing Summer 2013 Teacher Programs



### MARE: Bringing Sandy into the Classroom

**When:** August 13, 2013

**Where:** Jacques Cousteau Reserve, Tuckerton

**Cost:** \$30

**Grade level:** K-12

**Description:** How may Sandy impact the estuarine ecosystem and ecology? How can we use Super Storm Sandy as a teaching tool for science?

Through presentations by local scientists and a field trip into the estuary, we will explore the ecology of local estuaries, how hurricanes affect the ecology, the physics of hurricanes, and why Sandy became a Super Storm. We will learn about different research methods and questions scientists are using to study in the impacts of Sandy on the estuarine ecosystem.

Learn about different lessons you can use in your classrooms to teach students about Sandy and the potential ecological impacts of such a storm. Also, be ready to share what you have used in your classrooms to date to teach similar topics.



### COOL Classroom: Spatial Literacy/ Environmental Science

**When:** August 14, 2013

**Where:** Jacques Cousteau Reserve, Tuckerton

**Cost:** \$30

**Grade level:** 8-12

**Description:** Interested in incorporating more local environmental science issues and problem-based learning into your classroom?

Join us for a training on our spatial literacy unit. In the unit, students are exposed to a problem-based Human Impact adventure in which they practice spatial literacy skills and make informed decisions about development around the Barnegat Bay. While doing this, they also learn a great deal about the bay ecosystem, seagrass biology, satellite imagery, and the processes of science and management.

Learn about what this unit can offer, explore the support features for teachers and students, and meet, hear, and work with scientists involved in creating the unit in the field.

Teacher Programs include meals, accompanying lesson plans (grounded in state and NGSS standards), and Professional Development certificate hours.

Participants are welcome to attend one (\$30) or both programs (\$50 total).

To learn more information and to apply for any or all of the Summer 2013 Teacher Programs, visit the Opportunities & Resources page at <http://coseenow.net/mare>.