



COSEE

**CENTERS FOR OCEAN SCIENCES
EDUCATION EXCELLENCE**

National Challenges

- *The critical role that the oceans play in people's daily lives is not understood by the general population.*
 - *Oceanographic discoveries are not being translated into educational materials and experiences that are suitable for "students" of all ages.*
 - *Ocean sciences education needs to be coordinated on a national level.*
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National COSEE Mission

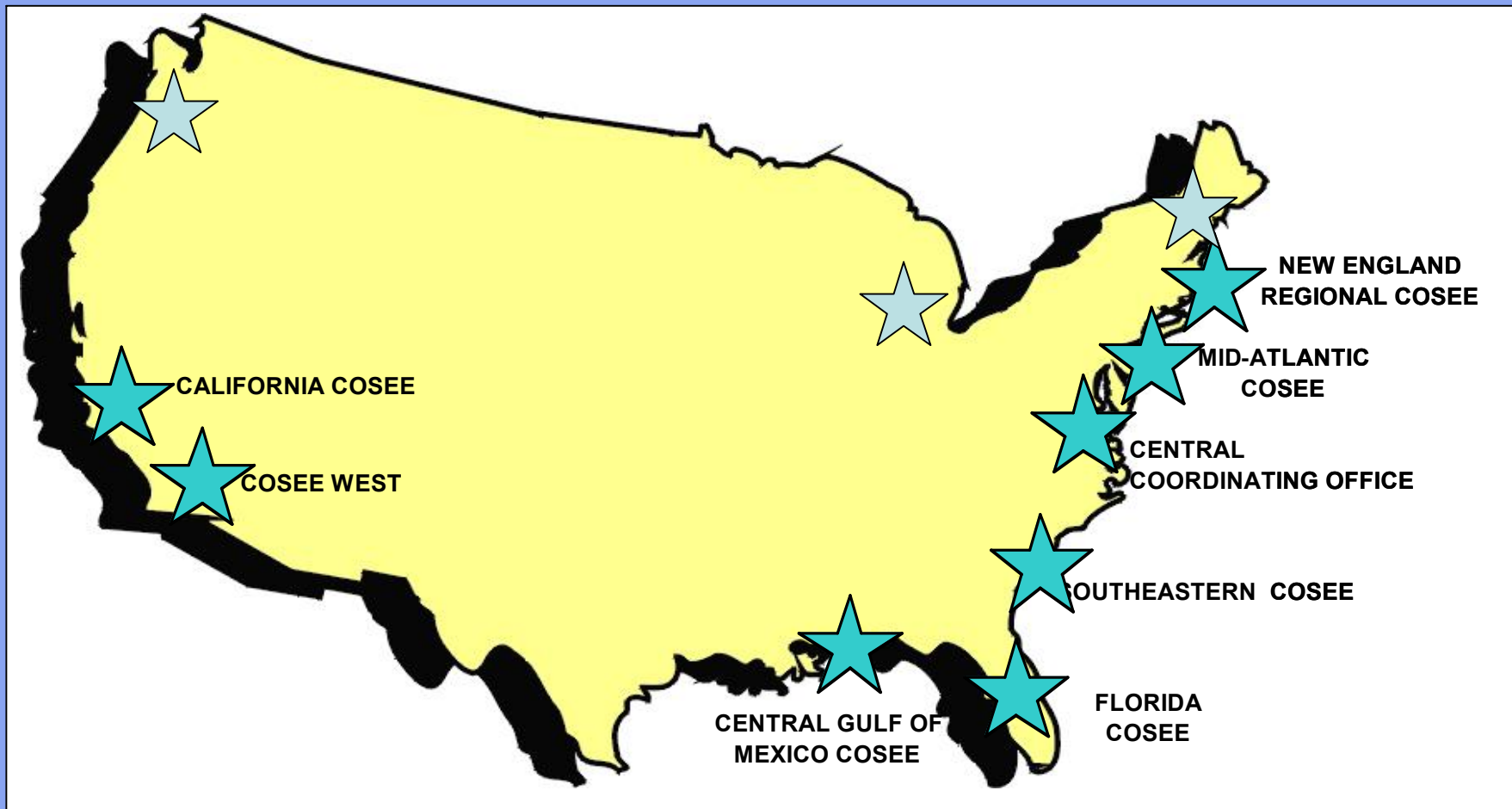
Scientists and educators working together to advance ocean discovery and make known the vital role of the ocean in our lives.



Central Gulf of Mexico COSEE/U.S. Navy



National COSEE Network



National COSEE Vision

- *Increased ocean awareness*
- *Increased number of students choosing careers in ocean sciences and science*
- *Increased number of students from under-represented groups in the ocean sciences*
- *Increased knowledge and interest in ocean sciences resulting in an increase in science literacy*



University of Delaware

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COSEE Goals: Over the Next Three Years

- *Enhance ocean literacy and demonstrate impact*
- *Build a strong and effective COSEE network*
- *Build stable funding and support for sustainability*

COSEE Collaborative Work:

- *Strategic planning and governance*
- *Engaging scientists*
- *Common vision for ocean science literacy*
- *Communication, branding, and advocacy*
- *National evaluation*

Current national trends/issues:

- *Ocean science literacy*
- *Ocean Commission*
- *Funding climate*
- *“Act like a network”*
- *Carpe diem*

Regional context

- *Well established strengths & infrastructure...
but many programs in danger of withering*
- *Opportunities for collaboration...
but also competition*
- *Progress on defining ocean literacy...
but standards determined at state level*
- *Defined regional goals for collaboration...
but no tangible products yet*

NEOSEC Mission

*To leverage
New England's
extraordinary
assets to engage the
public in
understanding the
vital connections
between people and
the ocean.*



Key regional goals

- *Create and disseminate high quality educational materials and share best practices*
- *Broaden our reach to education, science, policy audiences in the region*
- *Build collaboration, create governance structure, leverage funding*



COSEE

www.cosee.net