Cooperative Institute for Coastal and Estuarine Environmental Technology

CICEET

Program Brief

CICEET

Tools for Clean Water & Healthy Coasts

Challenge

Every year, new residents and visitors pour into coastal areas, and with them comes development. These new homes, roads, parking lots, and industries enrich local economies, but they also can compromise the very qualities that make coastal living so attractive—clean water, thriving ecosystems, and the natural beauty that arises from the interface of land and sea. Balancing the use of these resources with the need to protect human and environmental health is a national challenge for coastal managers. And to address it, they need the right tools.

Approach

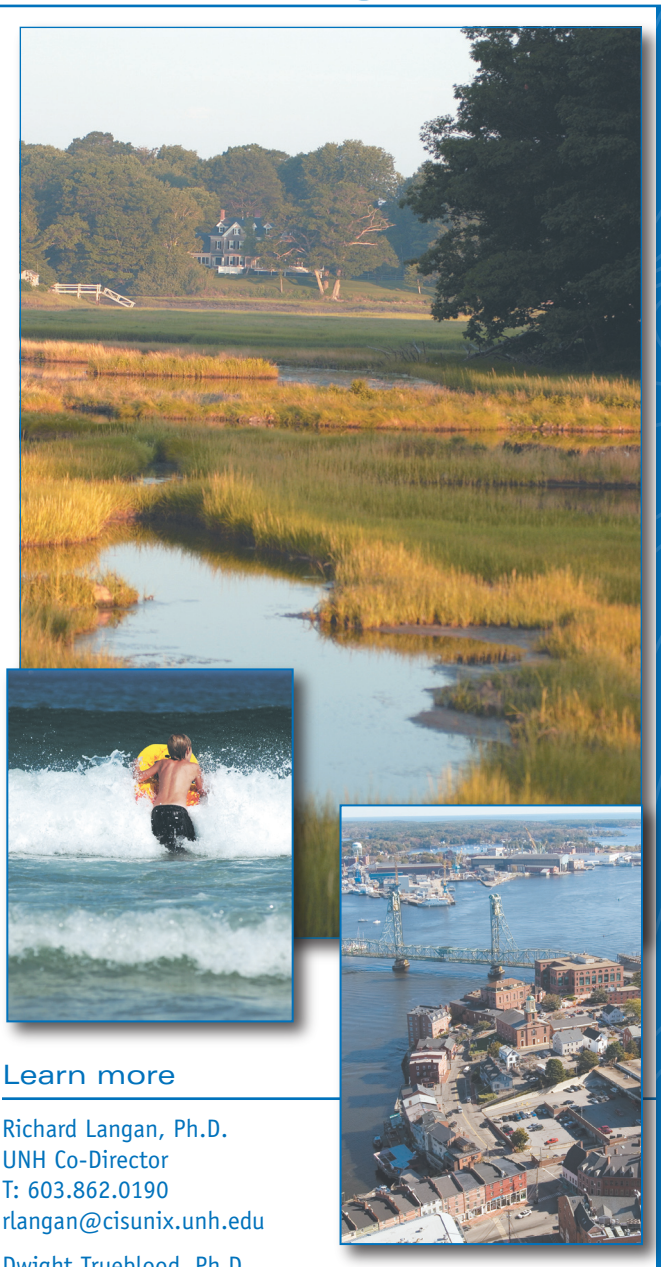
The Cooperative Institute for Coastal and Estuarine Environmental Technology (CICEET) translates the problems of coastal management into the research priorities of scientists at the leading edge of their fields. Through competitive funding programs and strategic partnerships, CICEET develops innovative tools and methods that are affordable, effective, and available to coastal managers nationwide.

CICEET works nationally, bridging academia, government, and industry. CICEET-sponsored researchers are committed to collaboration with coastal management and scientists in other fields to provide the tools necessary to resolve issues of common concern. CICEET makes these tools available to coastal managers through training, outreach, and an active, evolving technology utilization program.

The Institute is a partnership between the University of New Hampshire and the National Oceanic and Atmospheric Administration. Though the administrative offices are located at UNH, CICEET-sponsored research takes place at the 27 reserves in the National Estuarine Research Reserve System.

Since the program's inception in 1997, CICEET has invested in more than 150 environmental technology development and application projects. The CICEET toolkit contains dozens of field ready technologies and techniques that address a range of environmental challenges along the nation's coasts:

- Detection: tools to detect pollution & monitor water quality
- Recovery: tools to treat pollution & restore habitats
- Prevention: tools to prevent the future impacts of pollution



Learn more

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