Investing in North Carolina's research enterprise where it starts.

Harvesting Clean Energy

New technology produces clean energy from the interactions between fresh and salt water

UNC ROI Research Opportunities Initiative

The natural salinity gradients along the North Carolina coast are an untapped yet significant energy resource. This project will advance a cutting-edge technology that can harness these gradients for electricity generation, energy storage, and wastewater treatment. The team, which includes multiple UNC universities, local start-up companies, consultants, and coastal utilities, will conduct a comprehensive technical, economic, and environmental assessment of this technology and its impact on North Carolina. The findings will help expand North Carolina's clean energy sector, attract industrial investment, and provide foundational research for future funding opportunities in coastal energy technology development.

NC STATE UNIVERSITY

THE UNIVERSITY of NORTH CAROLINA at CHAPEL HILL

Coastal Studies Institute
University of North Carolina

East Carolina University

UNIVERSITY OF NORTH CAROLINA
A SYSTEM OF HIGHER LEARNING

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