



**NCSE**  
National Center for  
Science Education

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The **National Center for Science Education (NCSE)** is a not-for-profit organization that helps ensure students across the country receive an accurate and effective evolution and climate science education. We do this by supporting teachers with resources and best teaching practices; by monitoring and mobilizing against efforts to undermine science education, whether at the statehouse or in the classroom; and by engaging in research to understand, maintain, and improve science education. NCSE's supporters are scientists, teachers, and citizens with diverse political affiliations.

Our **mission** is to promote and defend accurate and effective science education because everyone deserves to engage with the evidence.

Our **vision** is that one day, students of all ages will be scientifically literate, teachers will be prepared and empowered to teach accurate science, and scientific thinking and decision-making will ensure that all life can thrive and overcome challenges to our shared future.

**My COAST (Climate-Oriented Authentic Science Teaching)** aims to improve teacher understanding, interest, content knowledge, and pedagogical practices as they relate to local issues, needs, and efforts surrounding the resilience and sustainability of the Atlantic coastal region. Teachers selected to participate in this program will engage in a hands-on, minds-on exploration of the coast, orienting them to our coastal communities' rich habitats and needs, many of which they are connected to in their personal lives but may not address in their classrooms.

**My COAST** brings together educators with local experts in coastal resilience and other climate-impacted scientific areas to experience the work being done around the coastal regions of the United States. To translate these and other experiences to the classroom, educators also work with Science Education Specialists from NCSE to learn best practices for teaching climate sciences with a focus on accuracy in data, engaging with evidence, and understanding that our actions are critical to positive impact.

Coastal resilience and sustainability are local issues with national implications. From environmental to economic impacts, the maritime forests, coastal plains, estuaries, salt marsh, swamp, and barrier islands have far-reaching impacts. To protect and preserve these ecosystems, the public must understand the breadth of that impact and what individuals and organizations can and are doing to support these efforts. Science classrooms present a perfect opportunity to connect students in coastal areas to the landscape and resources of their own communities. However, environmental education is not always included explicitly in science teacher preparation. Professional development represents an opportunity to connect teachers, and by extension, their students, to the coastlines and the richness they contribute to the United States.

<https://ncse.ngo>