

# National Ocean Sciences Bowl



The National Ocean Sciences Bowl® (NOSB) is a nationally recognized high school academic competition and the flagship education program of the Consortium for Ocean Leadership. For 20 years, the NOSB has provided a forum for students to excel in science, technology, engineering, and math (STEM). It introduces team members, teachers and coaches, schools, and communities to ocean sciences as an interdisciplinary field of study and a possible career path. The program engages the ocean science and technology community in pre-college education and stimulates broad interest in, and excitement about, science and the ocean as students learn ocean-related topics in physics, chemistry, biology, geology, geography, social science, technology, and policy.

The focus on ocean sciences makes the NOSB unique. Ocean science has integral connections to our national and homeland security, economic prosperity, human health, transportation, energy development, food safety and security, and workforce development. Ocean science is by nature multidisciplinary, providing an ideal platform for integrated STEM learning. By preparing and competing in the NOSB, students learn basic scientific principles and apply them to complex problems, thereby gaining a richer STEM education and learning ocean science topics not generally available in high school curricula. Studying and working in the ocean environment pose challenges that push the innovation, engineering, and technology development needed in our workforce.

## Goals of the NOSB:

- Develop ocean science literate citizens
- Foster the use of the ocean as an interdisciplinary vehicle to teach science and mathematics
- Support the involvement of under-represented and diverse communities in the ocean sciences
- Provide students with interactive education and skills for careers in the ocean sciences and other STEM fields




In 2017, the NOSB celebrates its **20th Anniversary**

This year, the theme is **Blue Energy – Powering the Planet with our Ocean**

NOSB reaches students through **25 regional competitions** with participants from **~30 states**.

In 2016, **369 teams** participated from **272 schools**, and over **1,500 people volunteered**.



 **1,845** students were involved ( equal number of males and females )

“ My experience [with] the National Ocean Sciences Bowl has changed the course of my future. The opportunity to meet people who are involved in various aspects of marine careers, who all have different backgrounds and education levels has opened my eyes to the possibilities of a career of my own in the marine field. ”

– Victor Alterizio, student, Fort Pierce Central High School, Manatee Bowl



The 2017 National Finals will be hosted by **Oregon State University** in Corvallis, OR on **April 20-23**.

For more information, visit **www.nosb.org**  
The NOSB is a program of the Consortium for Ocean Leadership

