

Headquarters Location

Chesapeake Biological Laboratory
University of Maryland Center for Environmental Sciences
One Williams Street, Solomons, MD 20688

Support NOAA mission by...

- ⊕ Transitioning emerging new ocean observation technologies to operational use rapidly, efficiently, & effectively.
- ⊕ Identifying technology needs, finding new technologies, documenting technology potential, and evaluating technology performance.
- ⊕ Providing IOOS agencies with guidance on cost-effective synergistic sensor systems.
- ⊕ Brokering dialogue between operational technology users, technology providers, & R&D communities.

ACT is:

The national resource for evaluating environmental instruments...

- ⊕ In just 3 years, has evaluated the performance of **17** instruments in three sensor classes – dissolved oxygen, chlorophyll, and turbidity – from **12** companies, in the laboratory and at seven diverse ACT Partner sites for a total of **136** individual instrument tests. Downloads of test results exceed **25,000**.
- ⊕ Is launching an evaluation of **8** in situ nutrient analyzers.
- ⊕ Is working with NOAA NDBC and USACE to design an evaluation of wave sensor systems.

Inspiring new technology business practices...

- ⊕ Users are making more informed choices.
- ⊕ Companies have altered instrument packaging, features, and software and are reporting expanding markets and increased sales.

Creating new communication networks...

- ⊕ **34** technology workshops have hosted over **1,000** participants from coastal and ocean management agencies, technology companies, and environmental science and engineering institutes to share their knowledge on where we are now, where we should go, and how we should get there.
- ⊕ **4** different needs and use assessments have been conducted to let ACT and industry know what technology users really need.
- ⊕ Over **2,500** instruments and **400** technology companies listed and linked by the ACT public online technology clearinghouse.

And helping technology innovation and discovery...

- ⊕ NOAA's Small Business Innovation Research (SBIR), the National Ocean Partnership Program (NOPP), the Cooperative Institute for Coastal and Estuarine Environmental Technology (CICEET), and more use ACT for guiding their investment in new technology development.

