

## Advancing Technology, Training a Workforce

### Career Training and Field Applications

- Aerial remote sensing
- Underwater robotics
- Autonomous instruments and sensors



### Opportunities Related to Ecotourism

- Mobile device applications
- Interpretative buoys and tagging
- Interactive and social media
- Supporting local businesses

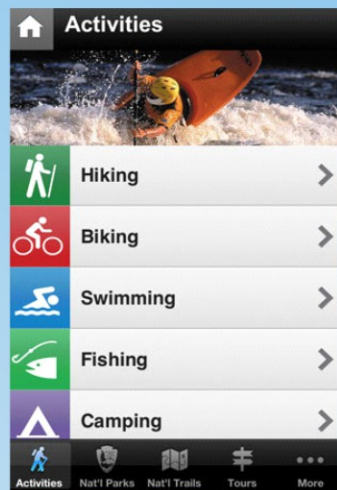


Image: National Park Service – Chesapeake Bay Office

### Business and Industry Opportunities

- Internships and leadership
- Competitions and events
- Brand marketing



Image: MarineTech.org

## Mallows Bay – Potomac River A LIVING LABORATORY for a LIFETIME of LEARNING

### Pre-K–12 Education

Mallows Bay offers a unique outdoor classroom for immersion in local ecology, history, and culture to enhance science, math, social studies, arts, and other content areas.



Credit: VA Sea Grant

### Higher Education

The College of Southern Maryland and St. Mary's College see great opportunities for students to advance research and studies in underwater archeology and marine sciences.

### Watershed Trash Cleanup and Community Involvement

Learning about our impact on the environment and that each of us can make a difference!



Nearly 200 students from North Point HS and Piccowaxen MS (Charles County, MD) participate in environmental service learning projects at Mallows Bay.



Credit: Sammy Orlando

## A Sentinel Site for Marine Science and Research

A natural laboratory to measure, understand, and communicate changes through time.



Credit: Donald G. Shomette

### Environmental Changes:

- Climate
- Wetlands and underwater habitats
- Water chemistry
- Native and invasive species

### Shipwreck Archaeological Evolution:

- Archaeological research opportunities
- Comparing different ship construction types and materials
- Interactions between the Ghost Fleet and ecology



Credit: Daryl Byrd



Credit: Donald G. Shomette

### Community Interactions with the Maritime Landscape:

- Native American communities
- Historic commercial fishing and hunting
- Present-day recreation