

## **Using NOAA Assets and Resources in Your Classroom**

- What is NOAA?

NOAA stands for the National Oceanic and Atmospheric Administration. It's a federal government agency that includes the National Weather Service, the National Marine Fisheries Service, National Marine Sanctuaries, research laboratories, and the National Sea Grant College Program, among many others. NOAA offices and labs do research and education about our oceans, coasts, Great Lakes, atmosphere and climate.

- What is a NOAA asset or resource?

NOAA's assets and resources are anything associated with or produced by NOAA: their people, products, offices, laboratories and websites. They are national (NOAA's office of education) and local (Great Lakes Environmental Research Lab, Michigan Sea Grant), and all levels of NOAA may have resources to fit your needs.

- How do I find NOAA assets and resources?

NOAA's websites are excellent gateways to their resources. You can discover on-line lessons and activities, order nautical charts and posters, and find contact information for NOAA scientists and educators.

## **NOAA Great Lakes Education Resources and Links**

Great Lakes Literacy ([greatlakesliteracy.net](http://greatlakesliteracy.net))

- 8 Great Lakes Literacy Principles, printable brochure
- Resources: Lessons and Activities—Fresh and Salt, Greatest of the Great Lakes, Links to additional maps and curricula

Center for Great Lakes Literacy ([www.cgll.org](http://www.cgll.org))

- Great Lakes Sea Grant Network resources and programming
- Ship and land-based teacher workshops, webinars, connections to scientists

Michigan Sea Grant ([www.miseagrant.umich.edu](http://www.miseagrant.umich.edu))

- Education Tab: Teaching Great Lakes Science Lessons, Great Lakes FieldScope
- Extension educators who can connect you with classroom activities, field trips, and professional development opportunities

Nab the Aquatic Invader (<http://www.iiseagrant.org/NabInvader/index.html>)

- Invasive Species activities for Great Lakes, Atlantic, Pacific, Gulf regions.

NOAA Office of Education (<http://www.education.noaa.gov>)

- Freshwater, Climate, Weather resources: Lessons & Activities, Multimedia, Real world data, Background information
- Funding through Environmental Literacy Grants and the B-WET program

NOAA Great Lakes Environmental Research Lab ([www.glerl.noaa.gov](http://www.glerl.noaa.gov))

- About Our Great Lakes: general background information
- Links to brochures and information sheets
- Scientists who can provide information and expertise