

INTEGRATED OCEAN OBSERVING SYSTEM (IOOS)

IOOS is: A vital tool for tracking, predicting, managing, and adapting to changes in our nations waters. This eye on our oceans and coasts benefits society in critical ways:

- ◆ **Safety:** IOOS helps ensure the safety & security of citizens now and into the future.
 - Enables better predictions of severe weather so people can get to safety before disaster strikes
 - Information search & rescue crews can use to track the probable path of someone lost at sea
 - Detects & tracks ships to improve homeland security
- ◆ **Economy:** IOOS unlocks the economic & business benefits of the ocean.
 - Enables forecasts mariners can use to optimize shipping routes
 - Improves predictions farmers can use to decide what crops to plant
 - Information decision-makers can use to optimize zoning & offshore oil & gas operations.
- ◆ **Environment:** IOOS is key to protecting our environment for generations to come.
 - Enables forecasting of toxic algae outbreaks before they start
 - Improves tracking of toxic algae outbreaks, oil spills & other pollutants
 - Information mariners can use to decrease the risk of vessel groundings



VISION: A fully integrated ocean observing system that enables NOAA & its partners to provide service to the nation through improved ecosystem & climate understanding; sustained living marine resources; improved public health & safety; reduced impacts of natural hazards & environmental changes; & enhanced support for marine commerce & transportation.

MISSION: Lead the integration of ocean, coastal, and Great Lakes observing capabilities, in collaboration with federal and non-federal partners, to maximize access to data and generation of information products, inform decision making, and promote economic, environmental & social benefits to our nation and the world.

Please visit us at <http://ioos.noaa.gov>

