

Maritime
Operations

Aquaculture

Energy and Water

Agriculture

Ports and Harbors

Sport and
Commercial Fishing

Marine Environmental
Protection

Maritime Security

Manufacturing

Tourism and
Recreation

Pacific Northwest Waters: **GATEWAY TO OUR FUTURE**

A workshop bringing together users and providers of marine information to explore how monitoring and forecasting the ocean, coast and estuaries can best deliver safety, economic and environmental benefits to industries, governments and citizens of the Pacific Northwest.

Thursday February 2, 2012
Microsoft Conference Center,
Redmond, Washington

Early registration for the free event is highly recommended.
For more information visit: www.iooc.us/pnw



Northwest Association of Networked Ocean
Observing Systems (NANOOS) with support from:

Microsoft
Research





Pacific Northwest Waters: **GATEWAY TO OUR FUTURE**

Monitoring and forecasting the ocean, coast and estuaries delivers important safety, economic and environmental benefits to industries, government and citizens throughout the Pacific Northwest region.

Ensuring coastal safety requires an understanding of hazards such as tsunamis, flooding, erosion and harmful algal blooms. Understanding the coastal ocean and estuaries provides direct economic benefits to maritime operations, ports and harbors, fisheries, aquaculture and the recreation and tourism industries. Even far inland, the ocean drives weather and climate affecting all businesses and citizens.

By better understanding the connection between the ocean and weather we can improve predictions of when and where severe weather will strike. Reducing uncertainties in knowledge of future weather and climate significantly improves strategies for management of infrastructure and the reduction of business risks.

Managing the sustainable use of marine resources and the quality of the marine environment requires continuous monitoring of threats such as accidental

spills, low oxygen and ocean acidification.

A sustained Integrated Ocean Observing System (IOOS), which NANOOS represents in the Pacific Northwest, that connects information at a global, national, regional state and local scale is an essential means of delivering these benefits.

Bringing together beneficiaries and providers of marine information the workshop will explore existing and emerging user needs for data, information and forecasts; provide an opportunity to match user needs with observing system capability and will help to inform future plans for improved delivery of benefits.

Who should participate?

- Industries, federal, tribal, state and local organizations that make use of marine information
- Educators and researchers
- Value-added consultancy and information providers
- Manufacturers of observing platforms and instrumentation

What will be covered?

- A view of the regional coastal environment, the linkage of oceans and weather/ climate, and coastal hazards
- A review of how observations benefit industries, governments, and citizens
- An understanding of how observations are used to deliver benefits to a variety of interests
- An opportunity to network across a range of users and providers of marine information