UW-NNMREC Research

NNMREC
- Bob Paasch, Director, OSU
- Phil Malte, co-Director, UW

UW-NNMREC
- Tidal Energy

OSU-NNMREC
- Wave Energy

Resource and Site Assessment
Device and Array Optimization
Testing Facilities
Survivability & Reliability
Environmental Effects

8 Faculty members involved
6 Graduate student researchers supported
Resource and Site Assessment - Techniques

Seabed Instrumentation
Measurement Tripod

Shipboard Survey
R/V Jack Robertson

Land Observation
AIS Ship Tracks
Device Testing Plan

- Partnership with Sound and Sea Technology and Pacific Northwest National Laboratory
- Soliciting feedback on draft infrastructure and operations plan
- Device testing planned to begin in early 2013

Test Berths (3)
- Cabled for power and performance data
- Permitted to operate under an adaptive management framework

Monitoring Nodes (10)
- Cabled for remote real-time observation
- Site-wide environmental monitoring
- Biological and physical effects