



2017 Annual DMAC Meeting Update

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Service Registration and Metadata updates

- Centralized NANOOS WAFs, by server type (SOS vs THREDDS)
- <u>Sensorml2iso for 52N SOS</u> (NANOOS contributed to initial development). In-situ point assets, regional only. Updated daily.
- <u>Stand-alone ncISO for THREDDS servers</u>. Regional models only. Updated daily.
 With ncWMS and ugrid ncWMS2. Plans for expansion to other data types.

Complementary Services

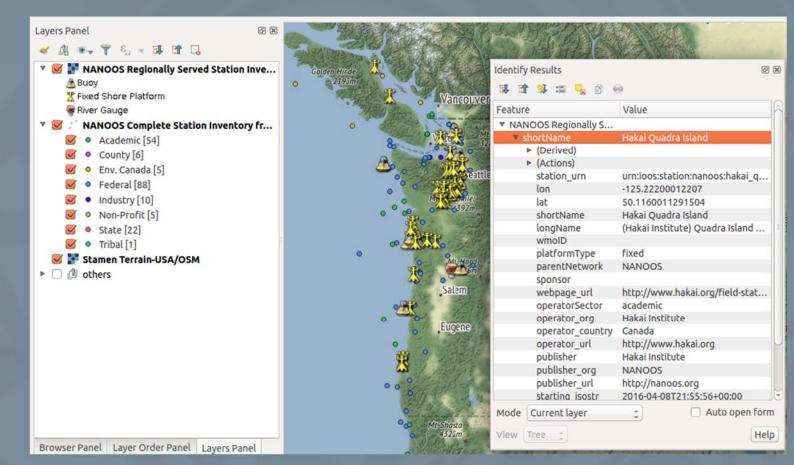
- GeoServer, dynamic asset inventories
 - 52N SOS SensorML point/station assets (regional only)
 - NVS point/station assets (all assets)
- GeoServer, other geospatial layers such as a subset of the tsunami layers
- GeoServer endpoints not on IOOS Registry yet
- ERDDAP (in development)



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- NANOOS 52N SOS
 SensorML point/station
 assets, regional only.
 Shown as WMS layer
 ("NANOOS Regionally
 Served Station Inventory
 from SOS")
- NVS point/station assets, all assets. Shown as WFS layer. ("NANOOS Complete Station Inventory from NVS")



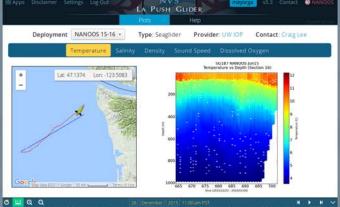




Gliders

- 3 NANOOS transects submitted to Glider-DAC:
 - nanoos-uw (WA, UW): 6 deployments
 - corie (WA, CMOP): 16 deployments
 - mbari (N. CA, OSU-CeNCOOS): 5 deployments (Active; thanks Fred!)
- A "NANOOS" search produces all these only on Glider-DAC ERDDAP (https://data.ioos.us/gliders/erddap/search/index.html?searchFor=NA NOOS)
- But on IOOS Catalog, "NANOOS" search on Glider-DAC organization produces 7 records (nanoos-uw only, incld. 1 duplicate): (https://data.ioos.us/dataset?q=nanoos&organization=glider-dac)
- **TO-DO:** Submit OR NH transect; Create Trinidad ("mbari") NVS Glider App









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NVS



Beach and



Shellfish Growers Shoreline Changes





Tsunami **Evacuation Zones**





Cruises

Tuna Fishers



Gliders





Operations



Climatology



Radar



		View Last 3 Month	
4	ORCA Hoodsport Telemetry was restored; data are being ingested again since Feb. 7.	Updated on 16 Feb 2017	
*	NERRS SOSECWQ Monitoring station telemetry has been restored. Data are again available in near-real-time.	Updated on 16 Feb 2017	
*	SSNERR-CTCLUSI SOSNSWQ Data gaps in December and January due to data access change. Data are again available in near-real-time, though disruptions may continue.	Updated on 16 Feb 2017	
4	OOI CE02SHSM Waves sensors offline since October. Experiencing intermitten data accessibility problems.	Updated on 16 Feb 2017	•
4	OOI CE06ISSM 7m CTD sensors offline since mid January. Experiencing intermitten data accessibility problems.	Updated on 16 Feb 2017	
4	OOI CE09OSSM Bottom CTD sensors offline since mid January. Experiencing intermitten data accessibility problems.	Updated on 16 Feb 2017	

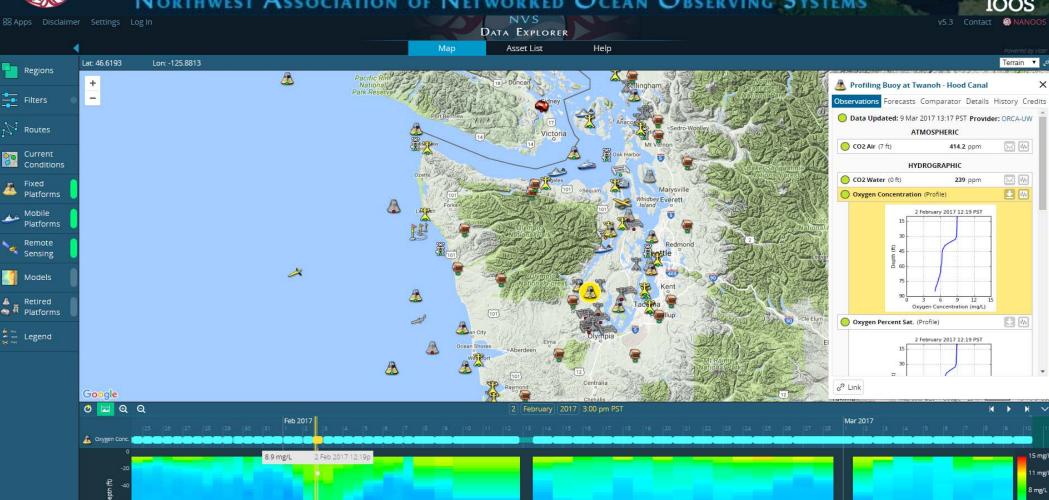


-NANOOS-



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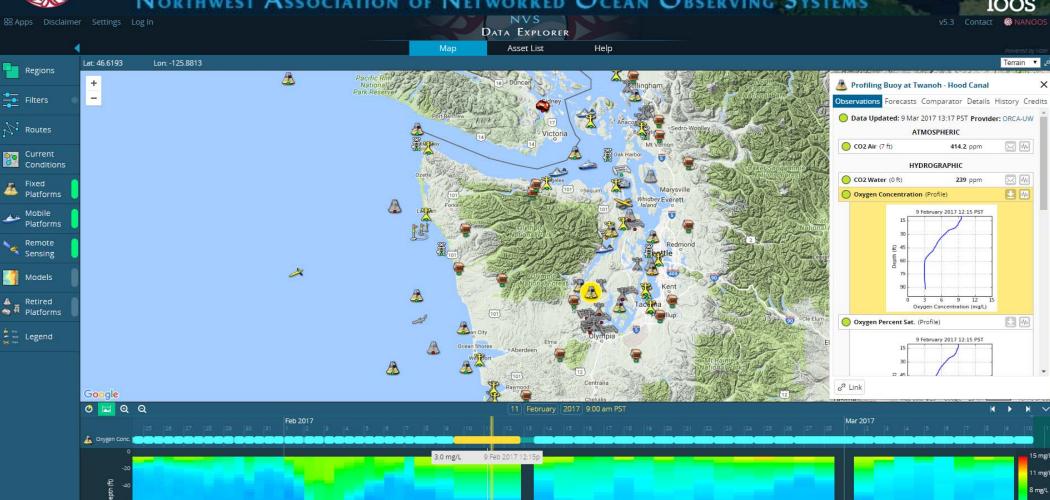


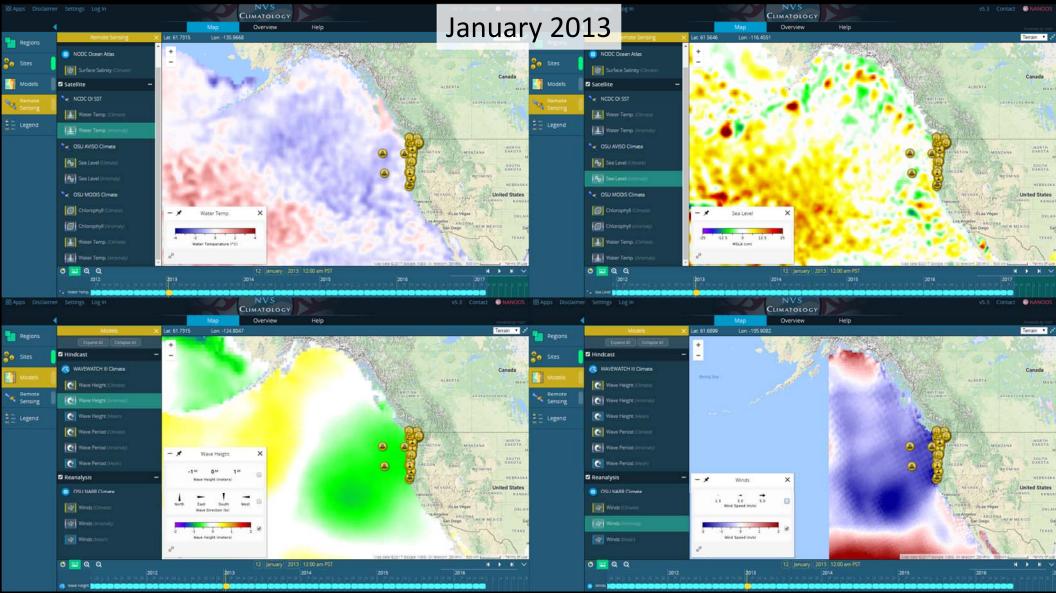
-NANOOS-

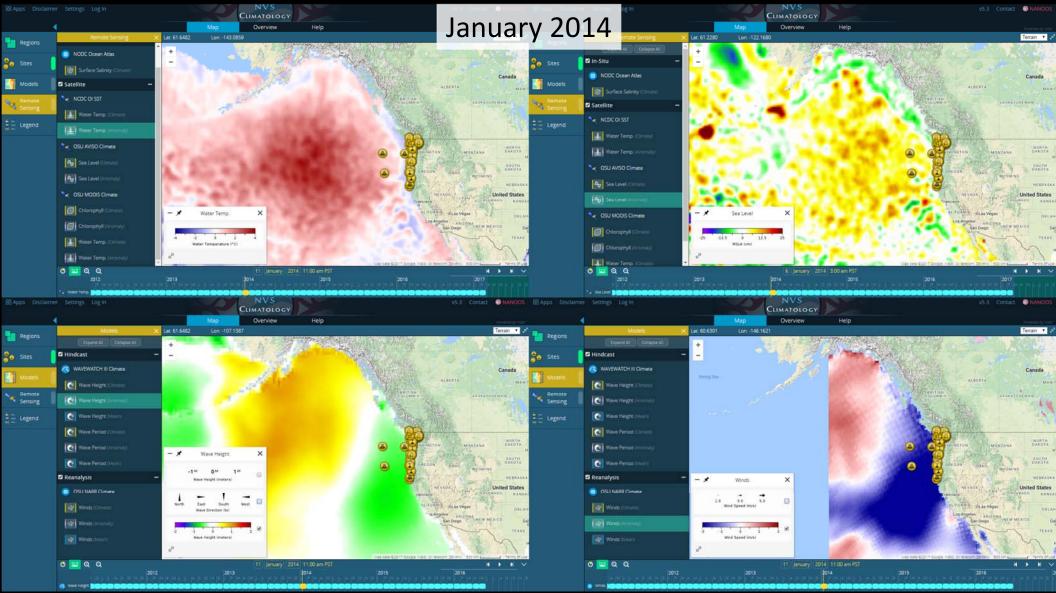


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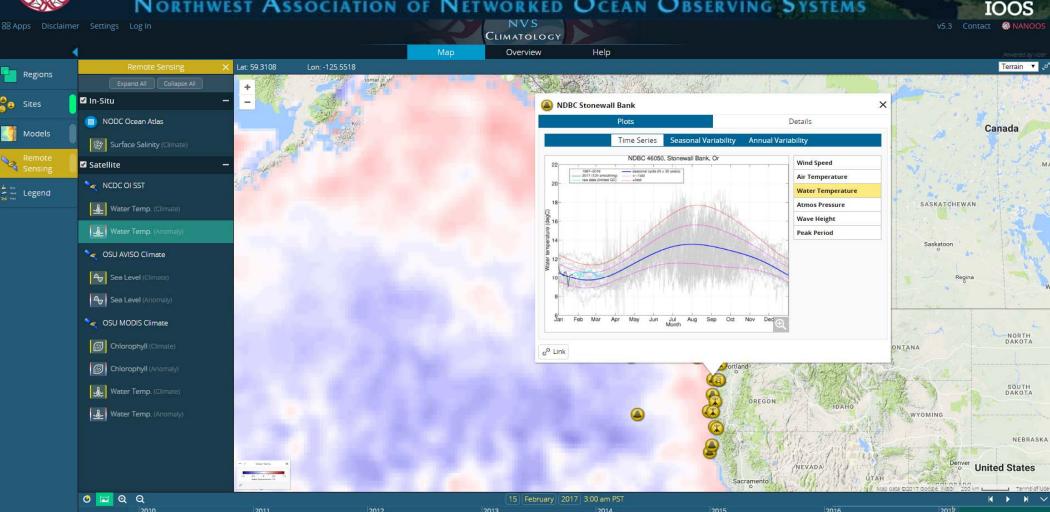






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Emergency Management.

Printable tsunami evacuation maps for

Washington coastal communities:

MANOOS



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88 Apps Disclaimer Settings Log In v5.3 Contact @ NANOOS TSUNAMI EVACUATION ZONES Brochures Warnings Planning Help Lat: 45.9955 Lon: -123.9441 Terrain ▼ Map Layers Tsunami Maps Provided By: + Brochures for Map View Oregon Department of Geology Regions Seaside, OR Meawanna Creek/Sundquist Rd Places Type: Bridge Latitude: 45.9826 Longitude: -123.9196 Markers Elevation: 5 ft Important Map Notes Information Provider: DOGAMI These maps show predictions for the estimated maximum extent of inundation DANGER for a LOCAL Cascadia tsunami (YELLOW) for all of Oregon and Washington overlaid on Earthquakes can damage or destroy bridges. When planning your evacuation route, Google Maps. For portions of the Oregon avoid bridges if possible coast only (e.g. currently Bandon to OR/CA border and Cannon Beach), these maps & Link show TWO inundation lines: the estimated maximum extent of inundation for a LOCAL Cascadia tsunami (YELLOW) and a DISTANT tsunami (ORANGE). The entire Pacific coast West Coast Tsunami Information including Puget Sound, are vulnerable to DISTANT tsunamis even if not depicted on this map. Sections of the coast marked by No watch, warning, or advisory is in effect. diagonal lines are currently unmapped, but are also vulnerable to tsunamis - Be vigilant Tsunami Regions and know what to do when at the coast. Outside Known Hazard Areas Printable tsunami evacuation maps for Oregon coastal communities: Local Cascadia Earthquake and Tsunami The technical lead agencies responsible for Local & Distant Earthquake and Tsunami the development of these map products Unmapped Regions include the Oregon Department of Geology and Mineral Industries and Oregon ATTENTION: If you are in a tsunami evacuation

zone or a low-lying coastal area during a strong earthquake, move immediately to high

ground outside of the tsunami evacuation

ninutes.

zone; a tsunami could reach the shore within