



# Hatfield Marine Science Center Climate Monitoring Station

OOST OAH Ocean and Estuarine Monitoring

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OREGON OCEAN  
SCIENCE TRUST









# HMSC Climate Monitoring Station



Dock remodel is done and the room is complete



**Core OAH physical,  
chemical, and biological  
*in situ* and benchtop  
water sampling  
instruments**

YSI EXO2 Sonde

Sea-Bird SeapHOx V2 Ocean CT(D)

Sea-Bird SUNA V2 Nitrate

Sea-Bird ECO Triplet

Burke-o-lator





# Instruments Arrived



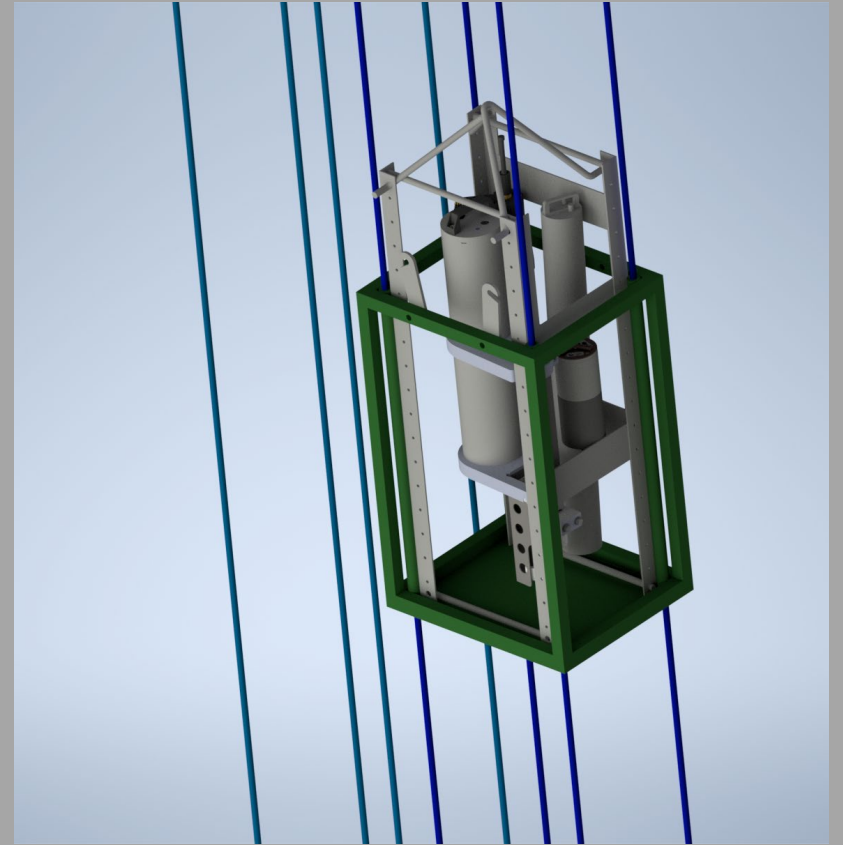
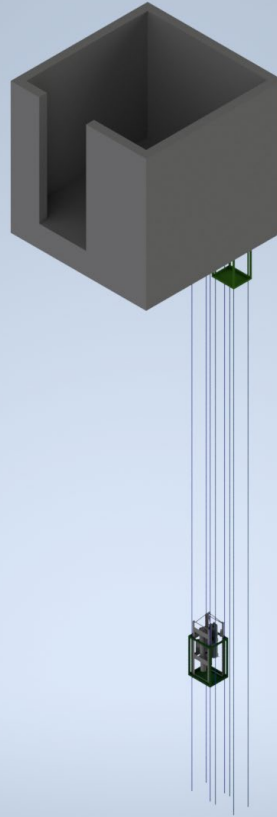
Waiting for cables, benchtop pump, and data logger programming





Sleds are being built with the help of summer iLab interns

# Deployment Sled



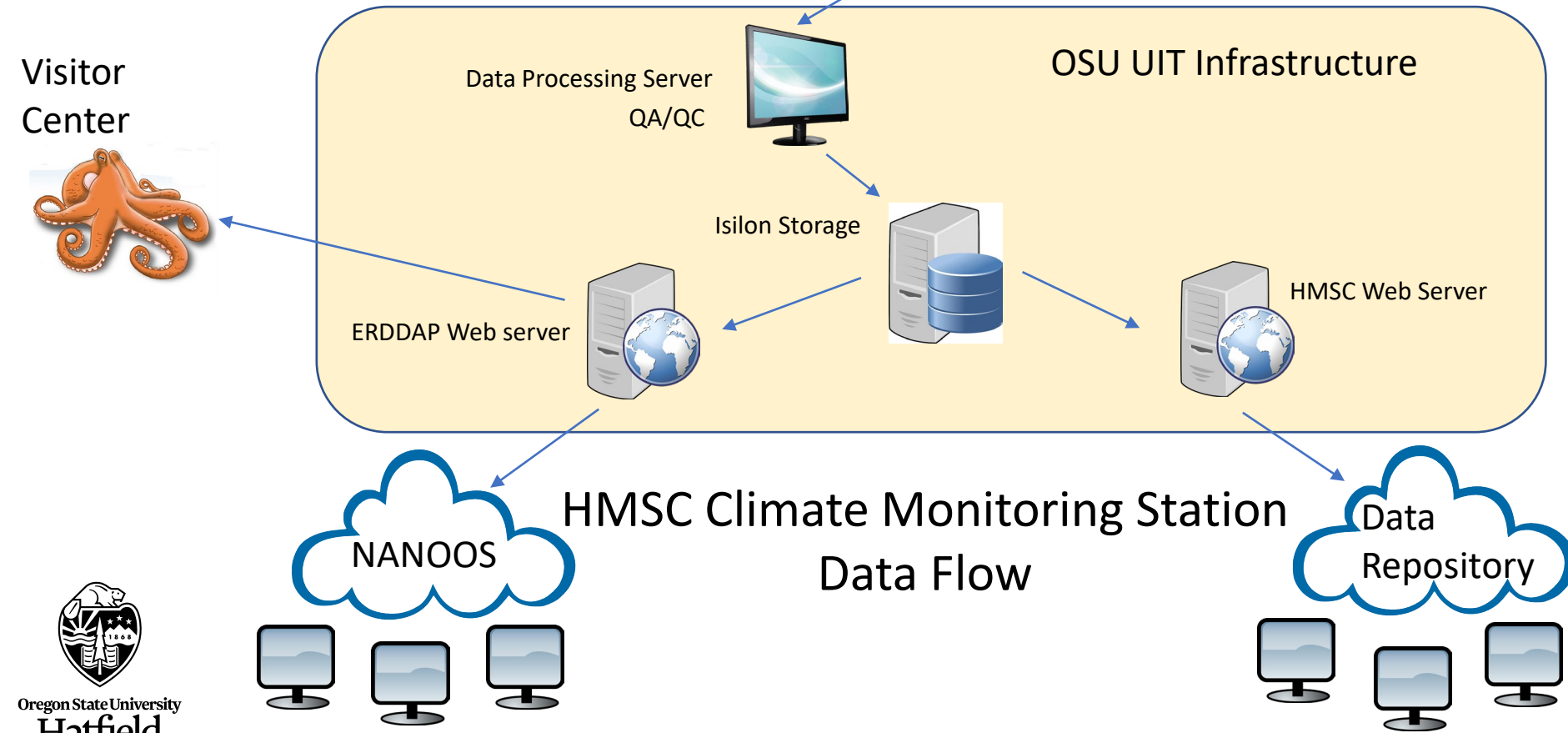
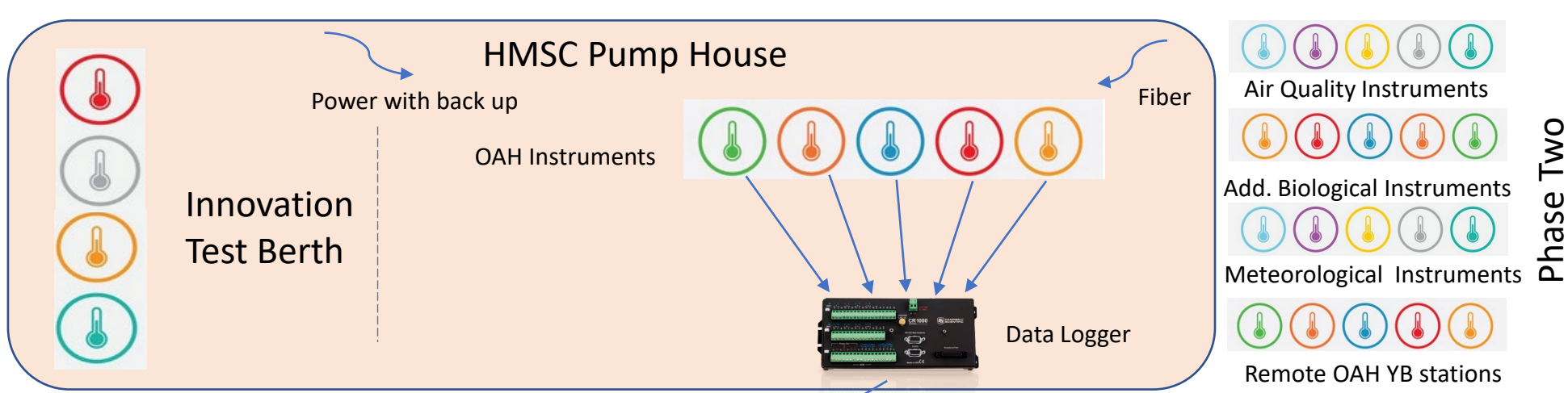
# User Groups for Collected Data

- Researchers
- Resource managers
- Recreational and commercial users of the bay
- General public

Working with collaborators to design the QA/QC system for each user group







UIT is starting to build the back-end structure



# Ocean Health Exhibit in the HMSC Visitor Center

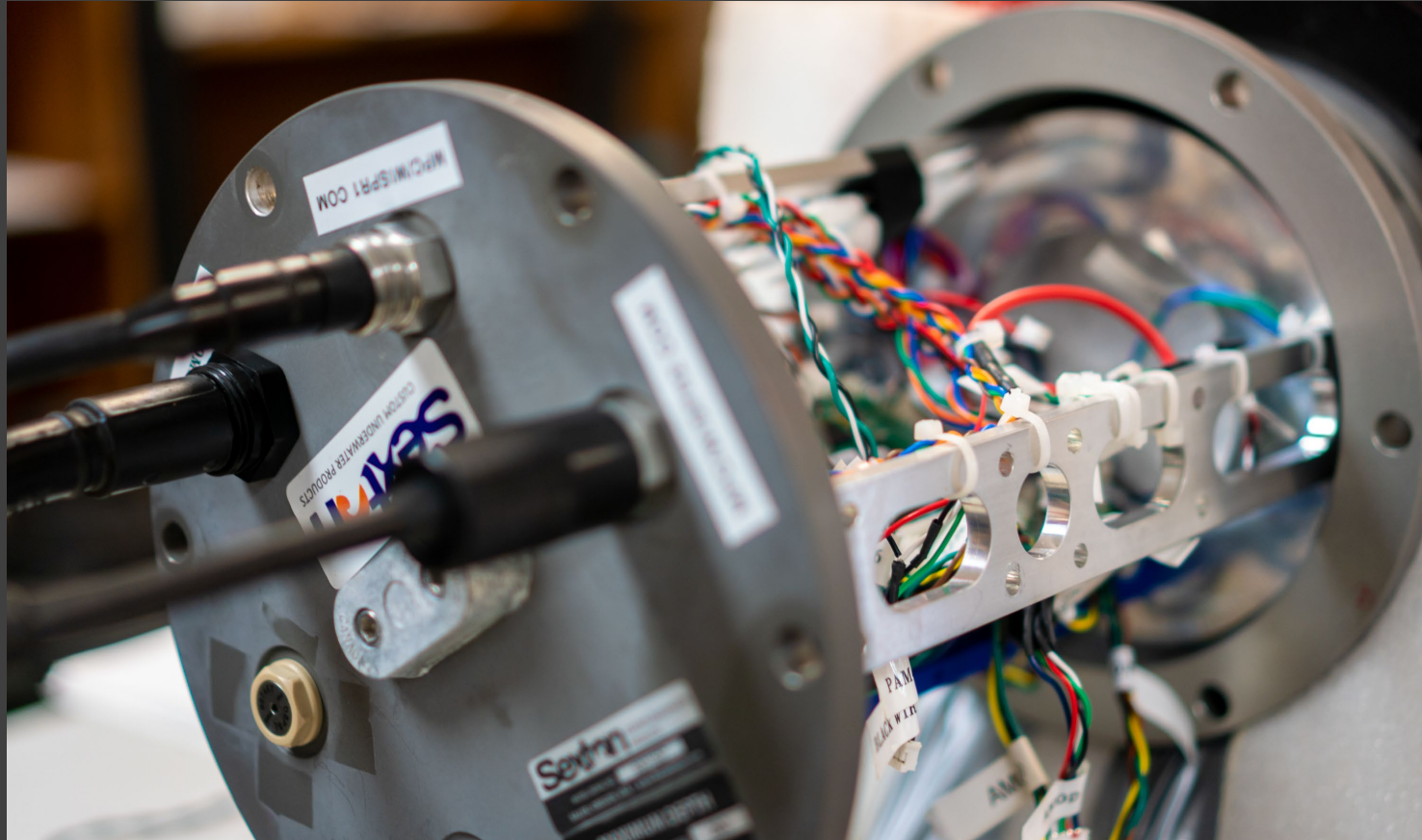
- Increase conversation around how climate change affects the ocean and estuaries
- Improve visitors' data visualization literacy



Draft panels are with the graphic designer

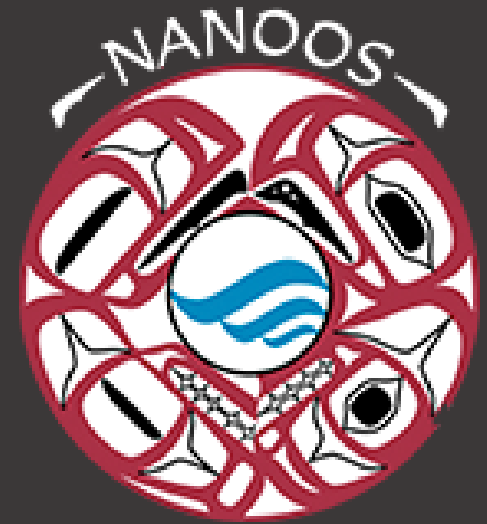
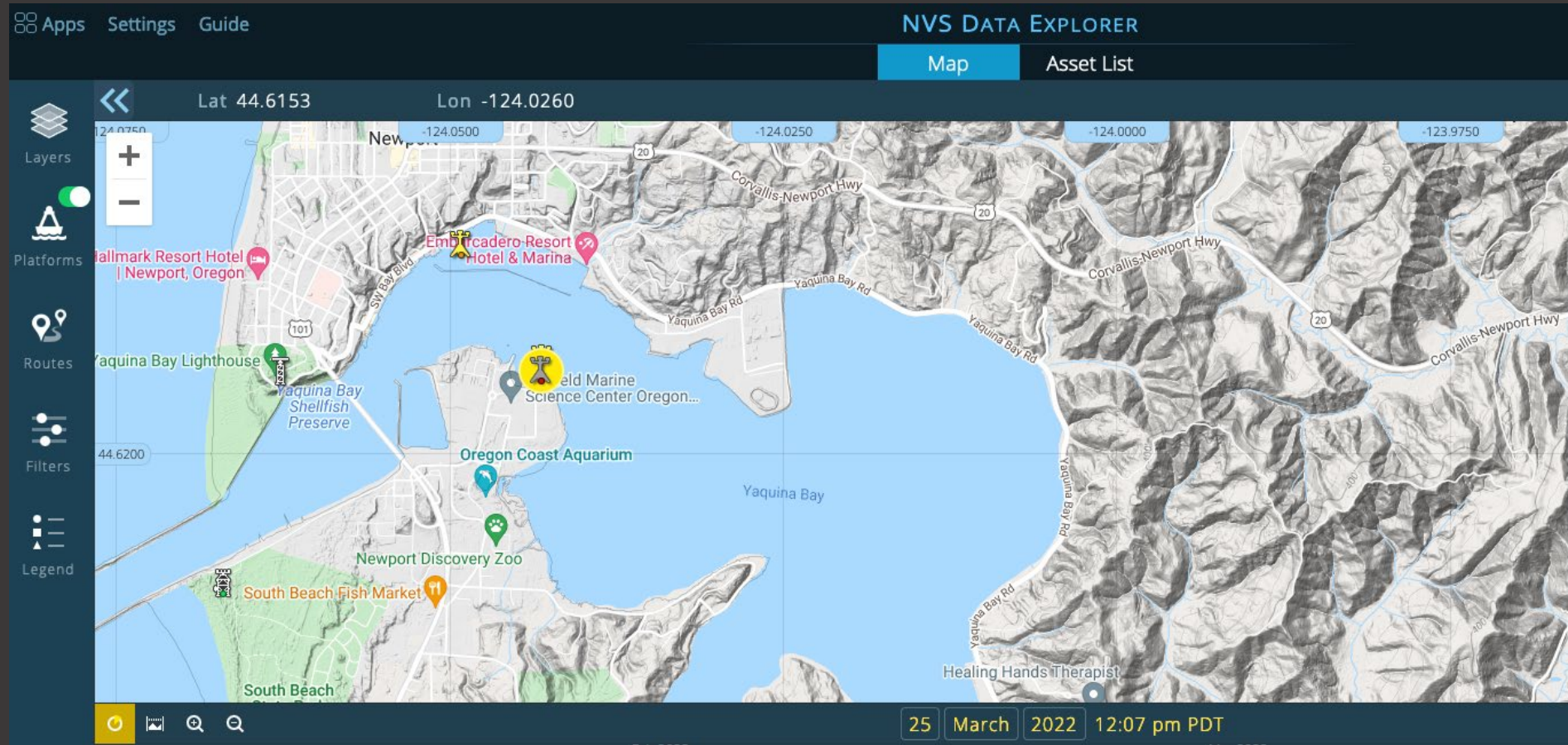


# Partnerships



MOUs are moving through legal

# Hosted on a Proven Visualization Tool



Goal to live stream data by next spring





# HMSC Long Term Commitment





Questions?