

Streamlining Integration and Distribution of Metocean Data from Offshore Wind Operations for Marine Stakeholders

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Intro

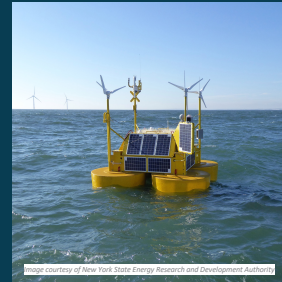
To support the full lifecycle of wind farm development, an increasing amount of metocean data are being collected offshore. Much of this data is non-confidential and has value beyond offshore wind purposes. However, inconsistent data management leads to siloed data and potential data loss, and means that the full benefits of the data are not realized.

Project Goal:

With industry interest in sharing data, and agency recommendations and requirements (e.g., Wind Turbine Radar Interference Mitigation), this project will ensure that non-confidential metocean data collected in and around wind farms are effectively managed and available to all stakeholders.

Project Objectives:

- Engage data providers and consumers to improve the cyberinfrastructure
- Expand and enhance existing metocean data cyberinfrastructure
- Test and improve cyberinfrastructure with multiple use cases
- Provide documentation and training
- Transition the cyberinfrastructure to a national operational system

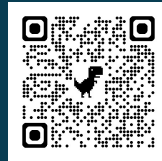


OFFSHORE
WINDPOWER

We want to work with you to deliver as much metocean data as possible

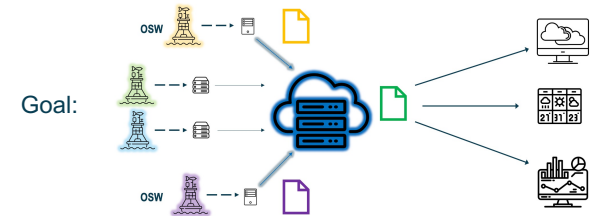
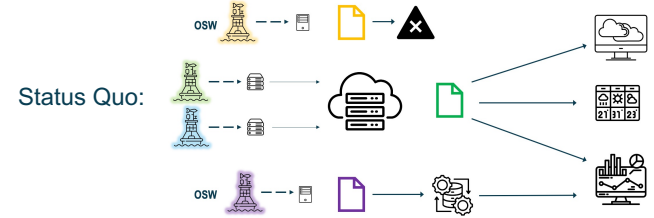
When you share data, we all win.

- Maritime Safety and Navigation
- Disaster Preparedness and Response
- Commercial and Economic Activities
- Scientific Research and Innovation
- Resource Management
- Public Awareness and Education



IOOS Data
Standards &
Requirements

Cyberinfrastructure for Metocean Data



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