



# Marine Data Stewardship



NOAA National Oceanographic Data Center

**Acquire** marine environmental data from diverse partners and sources

- Research and academia
- Federal, state, and local agencies
- Partnerships with marine organizations
- Data rescue
- Automated data streams
- Disaster responses (DWH, storms, coral bleaching, strandings)

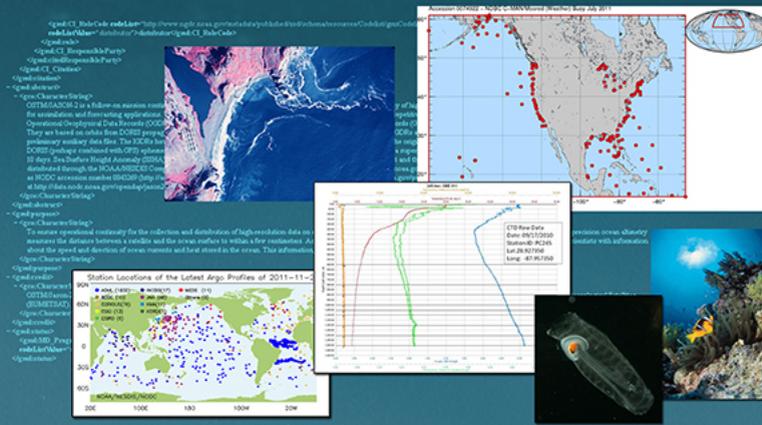
• Coordinate • Negotiate • Receive data • Assemble • Automate



**Archive** and describe marine environmental data for long term preservation and use

- Dataset review and preparation
- Detailed metadata (FGDC, ISO)
- Describe, catalogue, publish
- Permanent backup

• Accession • Metadata • Catalogue • Backup • Publish



**Access** to marine environmental data through ease of discovery and dissemination

- Ocean Archive System
- Customer support
- Coral Reef Information System
- Specialty databases (ARGO, GTSP, Shipboard Sensor, Ocean Time Series)

• Steward • Disseminate • Document • Customer service



**Add Value** to archived data by developing enhanced scientific products and services

- Satellite Data Products and Services
- Coastal Water Temperature Guide
- Ocean Acidification Scientific Data Stewardship
- Data Quality Monitoring

• Research • Search tools • Access tools • Data products

