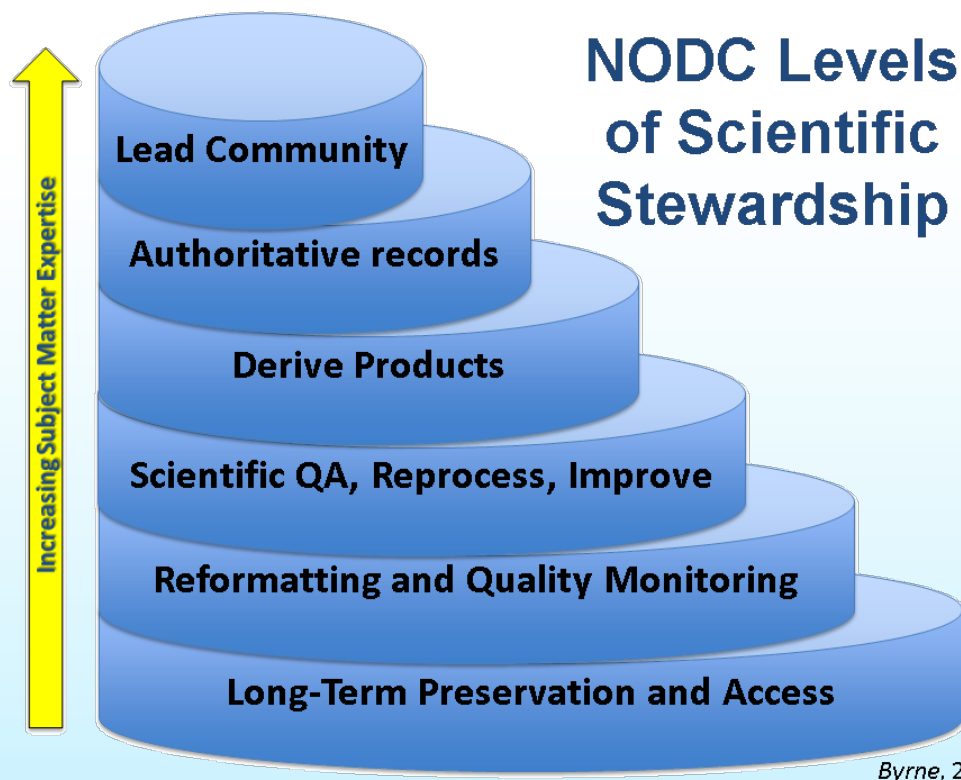


National Oceanographic Data Center



Providing scientific stewardship of marine data and information



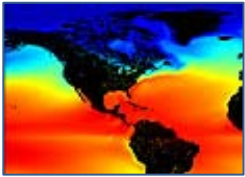
Experience Matters

For over fifty years, NODC has served the Nation with unmatched expertise in the scientific stewardship of marine data and information. NODC's unique blend of oceanographers, computer scientists, data managers, and librarians, know that good decisions are based on good data. Acquiring and archiving ocean data from all over the world and from a variety of sources, NODC provides the services and products that decision makers and researchers need. Supported by NODC's advanced technologies are people who understand that oceanographic research, satellite and observational data collected for the public's benefit, must be archived, protected, and made available to everyone. After all, today's data are the foundation for tomorrow's decisions.

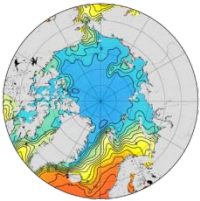
Levels of Scientific Data Stewardship



Community Leadership: NODC leads the community in the development and application of standards or best practices for the scientific stewardship of ocean data.



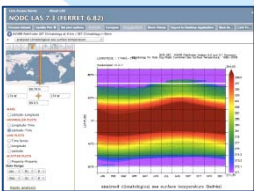
Authoritative Records: NODC is a recognized source of authoritative data products that are used by a wide range of data consumers: scientists, resource managers, and the public.



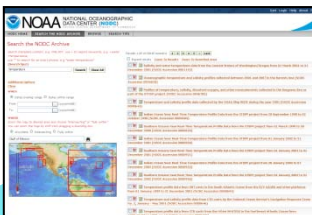
Derived Products: NODC creates and stewards data products to fill customer needs, including Ocean Atlases, regional climatologies, monthly and seasonal averages, and derived products.



Scientific Quality Control, Reprocess & Improve: NODC improves data with scientific quality assessments, corrections, and calibrations. These activities require significant subject matter expertise in oceanography.



Tailored Access & Rich Inventories: NODC converts data to standard, widely used formats for improving access and sub-sampling. We write detailed metadata records to enhance discovery and use. We also describe, characterize qualitatively and quantitatively with granule-level statistics, and provide enhanced access to data.



Long-term Preservation and Access: At its core, NODC stores and preserves data created by others for broad dissemination and reuse by the community. We create metadata records for these data to enhance preservation. Data ingest is increasingly automated, fulfilling archive requirements for the duration of data collection.

Increasing Subject Matter Expertise