



NOAA Central & Regional Libraries

National Oceanic and Atmospheric Administration



NOAA's Institutional Repository and Federal Publications

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NOAA's Mission



"...for better protection of life and property from natural hazards...for a better understanding of the total environment...[and] for exploration and development leading to the intelligent use of our marine resources..."

Background



- Office of Science & Technology Policy Memo (2013): “Increasing Access to the Results of Federally Funded Scientific Research”
 - Agencies with >\$100M in research annually to create a plan to make results of this research available to the public
 - Called for each agency to develop public access plans for implementation
- NOAA Plan for Increasing Public Access to Research Results (NOAA PARR Plan) (Feb. 2015)
 - Covers data and publications
 - Employees (FTE & Contract) and grantees are subject to the plan and all its requirements
- Called for the creation of the NOAA Institutional Repository
 - Requires inclusion of peer-reviewed publications but also mentions technical publications
 - Scope was expanded by subsequent Publications Policy & NOAA IR Document Policy

NOAA Institutional Repository



“A repository for all NOAA publications.”

40,000+ documents, including:

- Journal articles,
- Professional Papers,
- Technical Reports,
- Technical Memorandum,
- Specialized reports, ie. Cruise Reports, Atlases and Biological Opinions

A screenshot of the NOAA Institutional Repository website. The top navigation bar is blue with white text for "Home", "Collections", "Recent Additions", "Submit?", "Submission Information", "Help", and "About NOAA Inst. Repos.". Below the navigation bar is the NOAA Institutional Repository logo. A search section titled "Search our Collections" includes a dropdown menu for "All Collections", a text input field for "Enter keyword or phrase...", and a blue "Search" button. To the right of the search section is a large banner image of a radar dome on a ship at sunset, with the text "2020 NOAA Science Report" and "Many of NOAA's scientific accomplishments represent transformative advancements for priority research and development topics. In 2020 NOAA e" and a "Learn More" button. Below the search and banner sections are four smaller image-based links: "Arctic Report Card" (ice cave), "NOAA R&D Vision Areas:2020-2026" (radar dome), "NOAA Cooperative Institutes" (rocks), and "Weather Research & Forecasting Innovation Act 2017" (weather icons).

Question Break!

What's Included?



- Strategic plans
- Annual reports
- Cruise reports
- Program reviews (final reports)
- Conference/Workshop proceedings (only NOAA-produced)
 - Conference proceedings published as peer-reviewed journal articles will be accepted as journal articles. Ex: <https://repository.library.noaa.gov/view/noaa/18340>
- Congressional reports (“Reports to Congress”)
- Processed Reports (professional papers)
- Educational materials --lesson plans, manuals, guidebooks, activity books
- Recovery plans
- Status Reviews
- Agreements
 - (Interagency/International/Operating) -- only if available to the public
- Guidance Documents
 - (depending on audience, i.e., available for public consumption); such as compliance, research, etc
- White Papers
 - special criteria- title page, issuing office, author(s), date. If these items are missing, the document will not be accepted.
- Letters of Concurrence
- Biological Opinions
- Newsletters on a case-by-case basis
- And more...

What's Included?



MANDATORY PUBLICATIONS

First, the [NOAA Publications Policy](#) requires inclusion of any document in a NOAA series as described in [NOAA Administrative Order 201-32G](#) that is produced after Oct 1, 2015, intended for public distribution, and includes the presentation or discussion of research. Examples of this category include these four (4) NOAA series :

1. NOAA professional papers
2. NOAA atlases
3. NOAA technical reports
4. NOAA technical memorandums

manuals, guidebooks, activity books

● And more...

- Recovery plans
- Status Reviews

What's Included?



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Second, NOAA-authored and NOAA-funded journal articles published after Oct. 1, 2015 must be submitted as well. Journal article submissions should consist of the final, peer-reviewed but pre-publication manuscript. In cases where the NOAA Central and Regional Libraries have permission to post the published version, we will do so. The NOAA Institutional Repository will make these available after an embargo period of no more than one year.

- manuals, guidebooks, activity books
- Recovery plans
- Status Reviews
- And more...

Usage & Benefits



- Full-text searchable
- Search by curated collections
 - [Coral Reef Conservation Program](#)
 - [National Environmental Policy Act](#)
 - [Weather Research and Forecasting Innovation Act](#)
- Filter on year, type, subject, location or NOAA program and office.
- Google-indexed
- Included in Science.gov
- Open access
- One-stop for all NOAA publications
- Provides DOIs for NOAA documents
- Offers links to supporting data sets and supplementary documents
- 2 methods for harvesting:
 - NOAA IR JSON API
 - OAI-PMH

NOAA Data



National Center for Environmental Information: The NCEI archive and backup copy contains more than 37 petabytes of data, equivalent to about 400 million filing cabinets filled with documents. NCEI offers users access to over 26,000 datasets and products.

NOAA Climate.gov: an excellent source of climate knowledge, data and maps, and teaching tools.

NOAA OneStop: designed to improve NOAA's data discovery and access framework.

[National Centers for Environmental Information](https://climate.gov/)

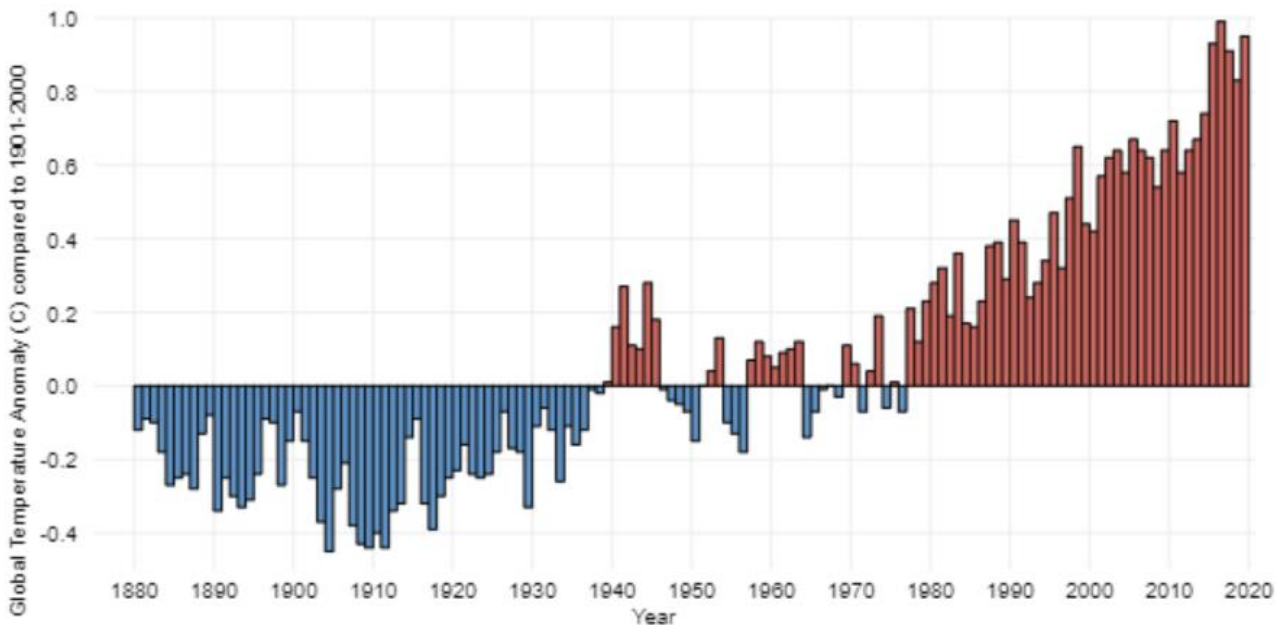
<https://climate.gov/>

<https://data.noaa.gov/onestop/>

NOAA Data



History of global surface temperature since 1880



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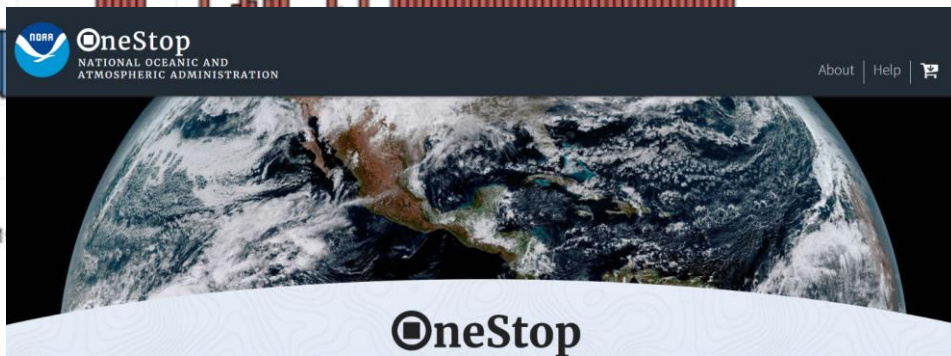
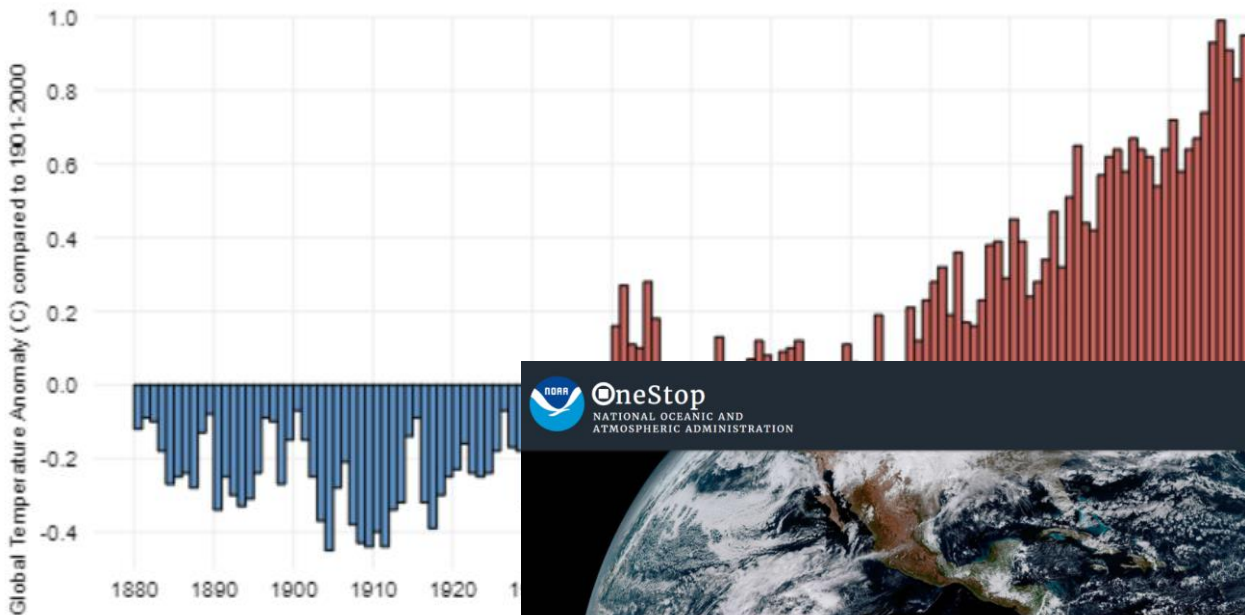
[National Climate Data](https://climate.noaa.gov/)
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<https://data.noaa.gov/onestop/>

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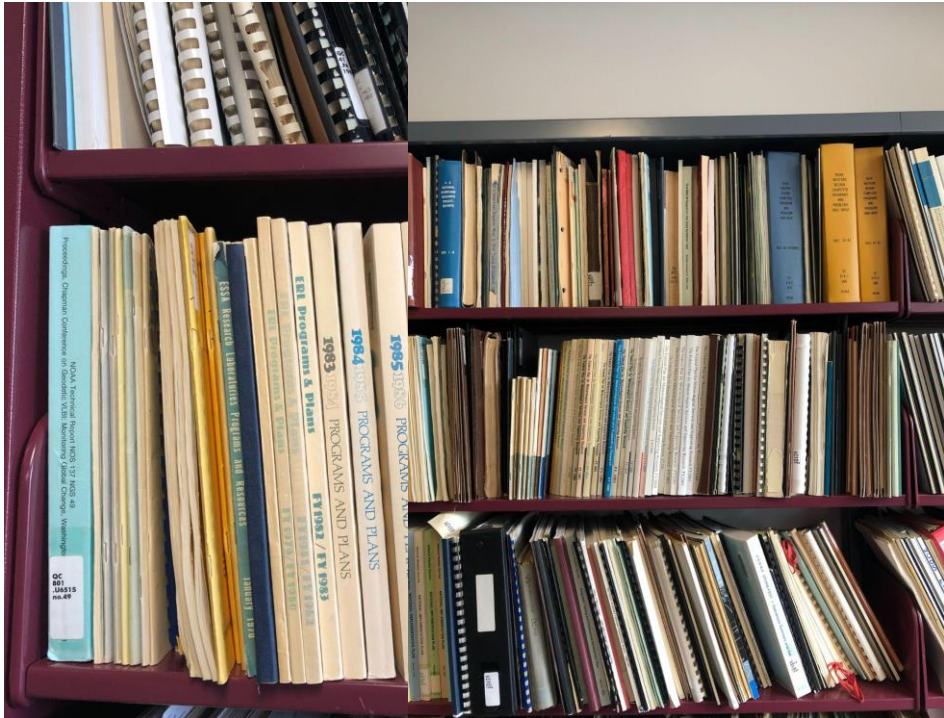
Question Break!

Digitization Plans



- Upcoming digitization project is in the works!
- Focus is on
 - Weather Bureau materials,
 - NESDIS Atlases,
 - Fisheries materials and Program plans
 - Implementation plans
 - Sea Grant documents
- Want to know if we've digitized it? Check our the NOAA Institutional Repository first!

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Library Role



- 19 NOAA libraries across the country
- Services:
 - Bibliometrics
 - Author Identifiers - ORCID Consortium
 - PLOS Climate - Global Equity model
 - Manuscript remediation
- Guidance:
 - Best practices
 - Predatory publication identification
 - Copyright guidance
 - Open Access models

Demonstration

repository.noaa.library.gov

Questions?

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<https://library.noaa.gov> | <https://repository.library.noaa.gov/>