Coral Reef Conservation Program (CRCP), Coral Reef Information System (CoRIS), National Centers of Environmental Information (NCEI), Send2NCEI (S2N): Welcome to alphabet soup

Brian Beck and Sarah O'Connor

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MAKE AMERICA's coral data GREAT AGAIN!!

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WARNING!

The following presentation applies mainly to federally funded data. Use these data management recommendation at your own risk.

Open Access in the News

"Biden unveiling public database for clinical data on cancer"

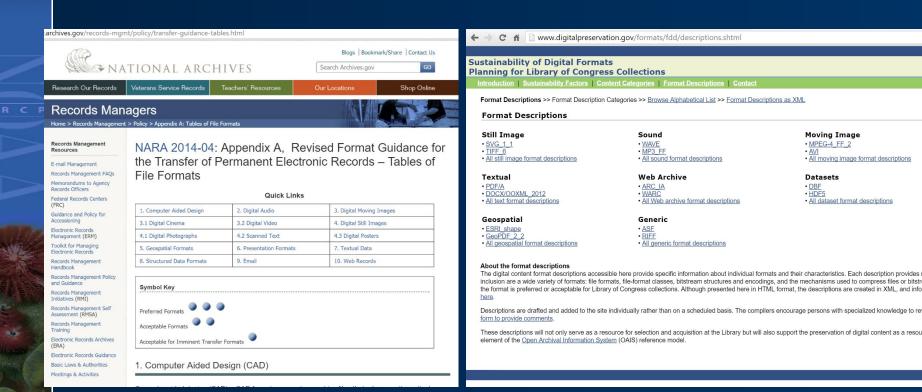
Washington Post - June 6, 2016



"Increasing the pool of researchers who can access data and decreasing the time it takes for them to review and find new patterns in that data is critical to speeding up development of lifesaving treatments for patients,"

-Joe Biden

File format recommendations



National Archives

Library of Congress

CRCP Mission and Focus

 Mission: To support effective management and sound science to preserve, sustain, and restore valuable coral reef ecosystems for future generations



We focus on four main pillars of work:

- Climate Change
- Land Based Sources of Pollution (LBSP)
- Fishing Impacts
- Coral Restoration

Where CRCP Works (primarily)





Starting at the top

- Public Access to Research Results
 - White House Feb 2013
 - NOAA response to PARR

- NOAA's Environmental Data Management Committee (EDMC)
 - Procedural Directives to directly respond to PARR



U.S. Geological Survey

Maps, Imagery, and Publications Hazards Newsroom Education Jobs Partnerships Library About USGS Social Media

Start with Science

Climate and Land Use

Public Access to Results of Federally Funded Research at the U.S. Geological Survey





Scientific Research

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August 4, 2014 - 10:49am

National Institutes of Health Plan for Increasing Access to Scientific Publications and Digital Scientific Data from NIH Funded Scientific Research

February 2015

Increasing Access to the Results of Research Funded by the National Science Foundation

National Science Foundation

Public Access to Results of FDA-Funded Scientific Research



March 18, 2015

What Does NOAA Require:

- Data Access Requirements
 - Publicly available 1-year after collection
 - Archived
- Data Documentation Requirements (metadata)
 - ISO 19115
- Data Management Plan
- Publication Requirements
 - New rules for public accessibility of scholarly publications

What Does CRCP Require:

- Compliance with NOAA policies
 - Making a lot of asks here but the majority trace back to requirements external to the Coral Program
- Attribution/Credit
 - Identify CRCP as a partner, funder, originator, etc. in all data and publications

What this all means

- Data must be archived in a timely manner
 - Metadata should be written for all datasets.
 - Archive packages should be accompanied with supporting documentation where relevant.
 - Custom preview graphics may be included

- DOIs may be issued for datasets
 - Thought is by data type by jurisdiction (or region)

Links

- CoRIS [https://www.coris.noaa.gov]
- project explorer [https://www.coris.noaa.gov/proj_exp]
- Send2NCEI [https://www.nodc.noaa.gov/s2n/]

Questions

