



# NOAA Central and Regional Libraries

National Oceanic and Atmospheric Administration

# NOAA Institutional Repository

Stanley Elswick

Sarah Davis

Jennifer Fagan-Fry

January 11, 2017

NOAA Central & Regional Libraries



# Background & History

- ❖ [White House Office of Science and Technology Policy](#) memo
  - issued Feb. 2013
  - requires agencies that conduct >\$100M in research annually to create a PARR Plan to make results of research available to the public
- ❖ *NOAA Plan for Increasing Public Access to Research Results* ([NOAA PARR Plan](#))
  - issued Feb. 2015
  - covers data and publications
  - requires a NOAA publications policy and a NOAA Institutional Repository



# Background & History

- ❖ *Public Access Policy for Scholarly Publications* ([NOAA Publications Policy](#))
  - issued as memo Sept. 2015
  - **requires** the submission of certain publications and documents to the NOAA Central Library within 12 months of publication/issuance
- ❖ Interagency Working Group on Open Science (IWGOS)
  - Promote efforts by agencies to make data and publications available



# CDC Partnership

NOAA entered into agreement with the Centers for Disease Control and Prevention (CDC) in Aug. 2015 to implement an instance of the CDC Stacks Repository system to host and provide access to the NOAA Institutional Repository. The CDC Repository runs on Fedora Commons with an Islandora front end.

## ❖ CDC Responsibilities

- Maintain cloud environment and backups, develop and maintain software, provides technical support and training

## ❖ NOAA Responsibilities

- Manage collection of submissions from NOAA offices; produce/manage metadata and content, and deposit into Repository; adjust workflows, system configuration, and user interfaces, as needed



# What is Included in the Repository?

- NOAA Series
  - *NOAA Publications Policy* lists four NOAA Series that must be included in the Repository
    - NOAA professional papers
    - NOAA atlases
    - NOAA technical reports
    - NOAA technical memorandums
  - NCRL will also include other series upon request



# What is Included in the Repository?

- Peer-reviewed journal article manuscripts
  - **Final peer-reviewed manuscripts** for *most* journal articles
    - Includes both NOAA-produced and NOAA-funded works
    - NO publisher-copyrighted content without permission
  - Published version of article in certain cases
    - Open access articles
    - Articles for which publishers explicitly allow the deposit of the published version
  - Default embargo period of 1 year; less for OA and some published versions

# Submissions





# Submission Options

**Only one person (usually the primary author)** should submit materials to avoid duplication

2 ways to submit publications:

❖ [NOAA IR Submission Form](#) (Preferred)

- Requires a PDF, Doc, Excel, etc. file

❖ Email ([noaa.repository@noaa.gov](mailto:noaa.repository@noaa.gov))

- Able to submit multiple documents at one time (Batch submissions)
- Documents should be included as attachments.
- Only option for those without a noaa.gov email



# Using the Submission Form

Located at: <https://sites.google.com/a/noaa.gov/noaa-library-ir/?pli=1>

## 2-step process:

1. Fill out form including type of document, author name(s), title, and DOI number if available.
2. Attach document including the submitter's name and email address. File can be uploaded from computer or Google Drive.

## Submission Form

### STEP #1:

**\* Required**

**Document Type**

Peer Reviewed Journal Article

NOAA Professional Papers

NOAA Atlases

NOAA Technical Reports

NOAA Technical Memorandums

Other : \_\_\_\_\_

**Personal Authors / Researcher Identifier \***  
Last name, First name, Middle name (if applicable) and the corresponding Researcher Identifiers in parentheses (e.g. Doe, Jon, S. (D-1234-2016)). For multiple NOAA authors, please enter each author on a separate line.

Smith, John (D-123)  
Doe, Jane  
Jones, Harry

**Title \***  
Full Title of the article, with subtitle and journal of publication when relevant. (e.g. Basics of Meteorology, Bulletin of AMS)

Fish

**DOI / URL**  
Include if available (e.g. <http://dx.doi.org/10.1364/ao.54.010114> URL if DOI is unavailable); we will assign DOIs to NOAA issued series publication

Your answer: \_\_\_\_\_

Send me a copy of my responses.

**SUBMIT**

### STEP #2:

**NOTE: Only submit articles after they have gone through the review process and are in their final edited form!**

**NOAA IR file submission**

First name: John

Last name: Smith

Email: john.smith@noaa.gov

File:  No file chosen

**Type of document**  
(NOAA-pub, peer reviewed, etc.)

**Author name(s):**  
Separate lines for multiple authors

**Title**  
(with subtitle, and journal if applicable)

**Attachment**  
One item per form  
(.pdf, .doc, etc.)

**DOI information**  
(only for Journal Articles)



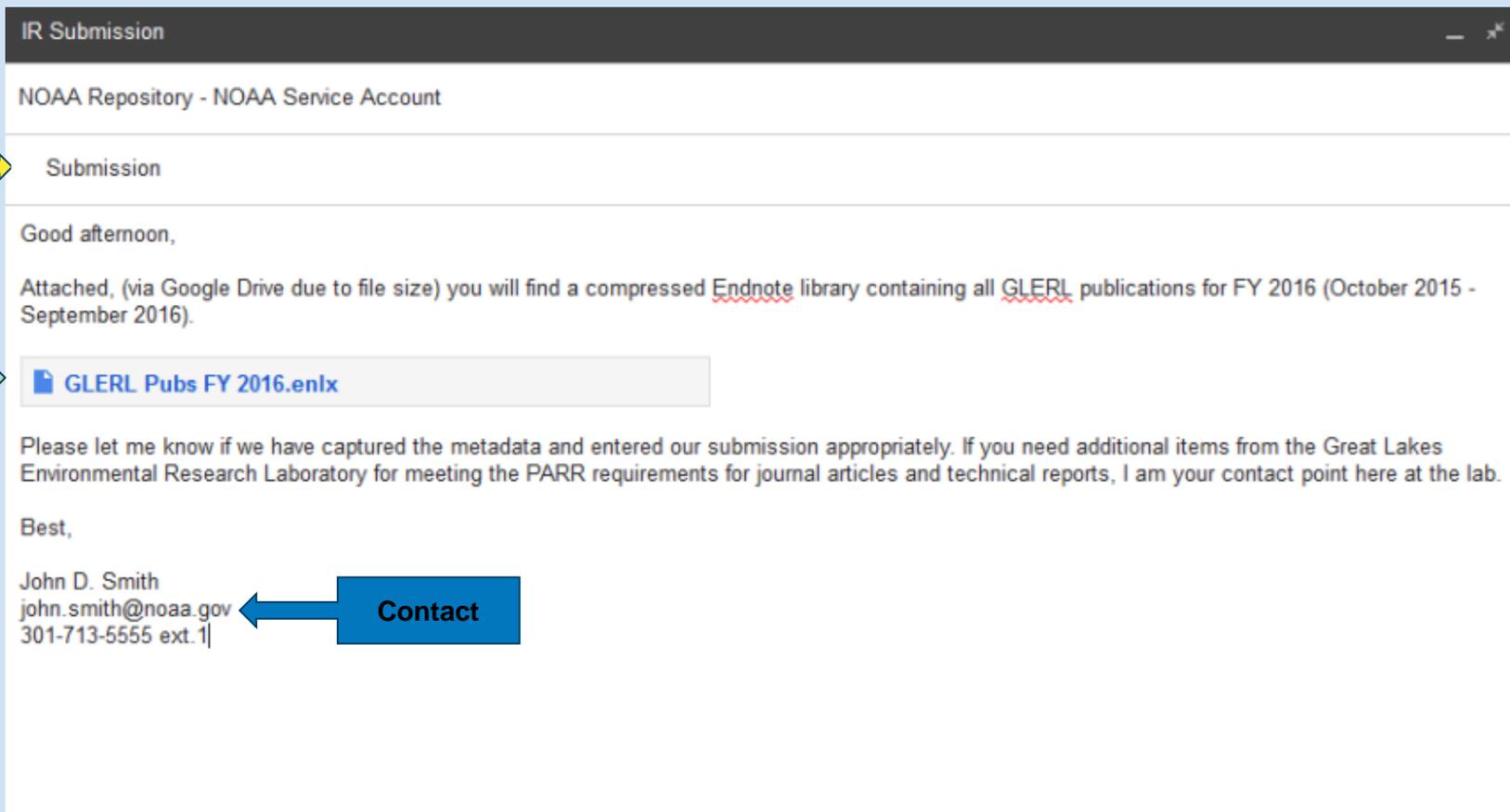


# Email Submissions

Send emails to: [noaa.repository@noaa.gov](mailto:noaa.repository@noaa.gov)

- Subject Line
  - Should read: “Submission”
- Body
  - Citation or article/report information
    - Author name(s), title, DOI (if applicable), etc.
  - Primary contact person
- Attachments
  - Single items: .doc, .pdf, Google Drive document, etc.
  - For batches: Excel file or EndNote database

# Batch Submission Email



Subject Line

EndNote File

Contact



# Single Publication Submission

IR Submission

NOAA Repository - NOAA Service Account

Submission

Good afternoon,

I would like to submit the following item for inclusion into the NOAA IR.

Wigley SE, Tholke C, Shield G. 2016. 2016 Discard estimation, precision, and sample size analyses for 14 federally managed species groups in the waters off the northeastern United States. US Dept Commer, Northeast Fish Sci Cent Ref Doc. 16-03; 168 p. Available from: National Marine Fisheries Service, 166 Water Street, Woods Hole, MA 02543-1026, or online at <http://www.nefsc.noaa.gov/publications/>

Below I have attached a PDF of the document

Best,

John D. Smith  
john.smith@noaa.gov  
301-713-5555 ext.1

NEFSC\_RD\_16\_03.pdf (5,750K)

Send

**Subject**

**Citation**

**Contact**

**Attachment**  
(PDF preferred)





# After Submitting...

- Confirmation email
  - From [noaa.repository@noaa.gov](mailto:noaa.repository@noaa.gov)
  - Regardless of submission method
- Inquiries can be sent to [noaa.repository@noaa.gov](mailto:noaa.repository@noaa.gov) with the subject line: “Question”
- Processing: up to 2 weeks for items to appear in the IR
  - Newest additions will appear under Recently Added on the IR homepage

The screenshot shows the NOAA Institutional Repository homepage. At the top, there is a navigation bar with links for Home, Collections, Authors, and Recent Additions. Below this is a search bar with a dropdown menu for 'All Collections' and a search button. The main content area is divided into several sections: 'Welcome to NOAA Institutional Repository', 'Featured Article' (Species in the spotlight), 'Stay Connected' (social media icons), 'Recently Added' (highlighted with a red box), and 'Most Popular'. The 'Recently Added' section lists two items: 'Baseline assessment of IteyakiBeluu Conservation Area' and 'Environmental investigation into impacts of LBSP on coral health in West Maui, Hawaii'. The 'Most Popular' section lists 'Recreational boating in Maryland: an economic impact study', 'The anatomy of sea turtles', and 'Final expanded site survey/environmental assessment report, National Weather Service (NWS) network radar to serve coastal Washington'.

# Processing & Ingest





# NOAA Digital Object Identifiers (DOIs)

For NOAA documents/publications, the NCRL will create digital object identifiers (DOIs)

- Receive PDF from submitter, often with the embedded/predictable DOI
- Create document metadata in WorldCat
- Create the DOI using EZID, pointing to a temporary location on library servers
- Email submitter with DOI metadata
- Load record into library catalog and ingest into IR
- EZID metadata edited to point to the document's IR landing page

[Draft DOI procedures](#)



# Predictable and System-generated DOIs

NOAA series publications receive a predictable DOI that the issuing office embeds into the publication prior to its submission to the library

- For example, the document *NOAA technical memorandum NMFS-AFSC 320* receives the DOI:

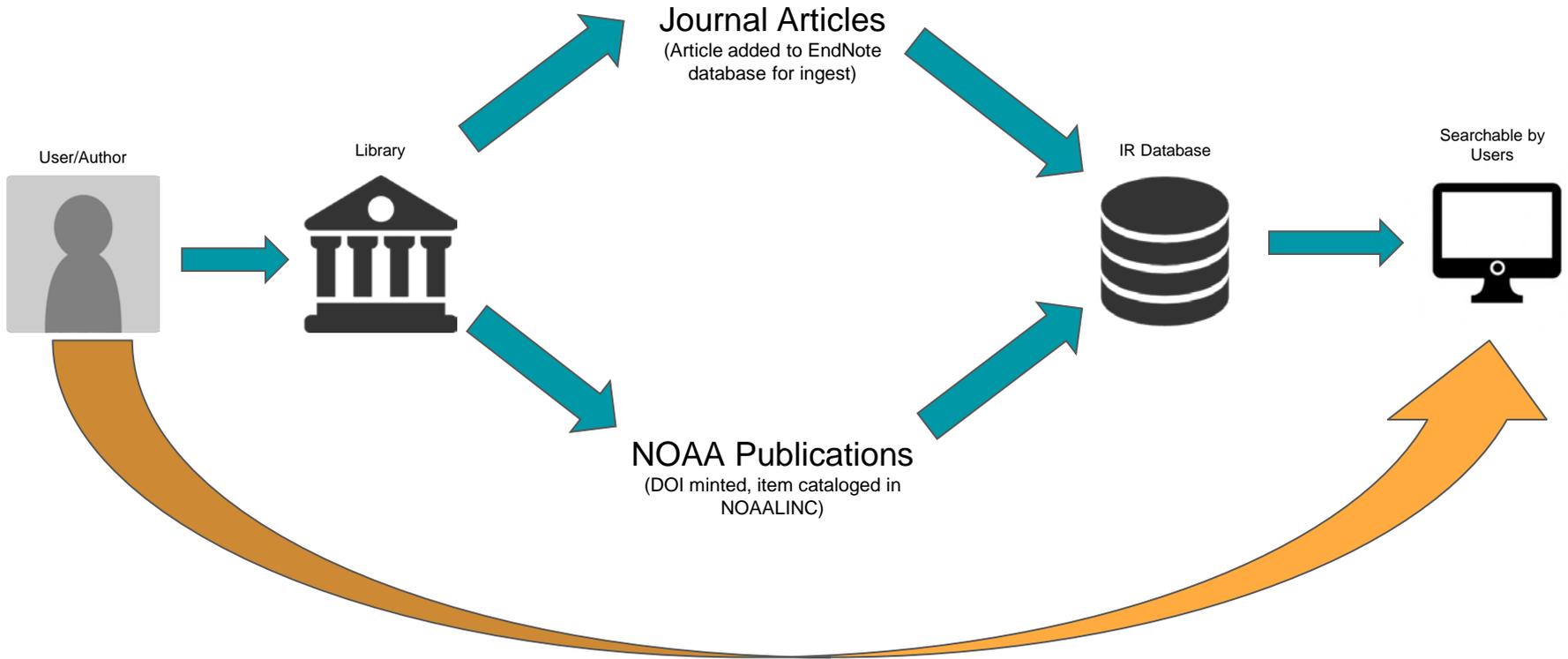
doi:10.7289/V5/TM-AFSC-320

NOAA documents that do not have a series name and a series number will receive a system-generated DOI

- For example, the document *2016 mapping systems readiness report* received the DOI:

doi:10.7289/V5FT8J2Z

# IR Ingest Workflow





- [Catalog](#)
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[Website](#)

Find digitized and born-digital materials published by NOAA and its predecessors.

Search the repository using a Basic or Advanced Search.

Submit your publication at the NOAA Institutional Repository Submission Page.

### Quick Links

- Brown Bag Seminars
- NOAA Information Resources
- Climate Data Online (NCEI)
- Daily Weather Maps
- Ask A Librarian
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- Chat Reference
- NOAA History

### Recent NOAA Research Articles

About these articles

Population genetic structure and ancestry of steelhead/rainbow trout (*Oncorhynchus mykiss*) at the extreme southern edge of their range in North America

Biomass offsets little or none of permafrost carbon release from soils, streams, and wildfire: an expert assessment

The Earth Science Women's Network (ESWN):

### In The Spotlight

Introducing the NOAA Institutional Repository

### Photo of the Day



See more at the NOAA Photo Library

### Upcoming Events

#### NOAA Central Library Events

Today							January 2017						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
			4	5	6	7	Jan 1	2	3	4	5	6	7
	8	9	10	11	12	13	8	9	10	11	12	13	14
			11am Int.							11am Int.			
	15	16	17	18	19	20	15	16	17	18	19	20	21
				12pm KJ						12pm KJ			
				12:30pm						12:30pm			
	22	23	24	25	26	27	22	23	24	25	26	27	28





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**Climate Prediction S&T Digest**  
Summaries of presentations from NOAA's 40th Climate Diagnostics and Prediction Workshop.



**In the Spotlight**

**National Weather Service Publications**

A selection of new publications from the National Weather Service.

- California drought : 2014 service assessment
- Neural network technique for gap-filling satellite oce...
- Climate prediction S&T digest : NWS science & technolo...

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- EX0905 mapping field trials II : Mendocino Volcano Field I and II, June 17, 2009 to June 27, 2009, N...  
Added: 12/05/2016
- Mapping data report. Cruise EX0909 Leg 1, Mapping field trials, Necker Ridge, August 21 to Septembe...  
Added: 10/31/2016
- Mapping data report. Cruise EX0909

**Featured Collection**



Office of Oceanic and Atmospheric Research (OAR)  
This collection contains reports and materials published by the Office of Oceanic and Atmospheric Research and OAR researchers.

**Most Popular**

- Recreational boating in Maryland : an economic impact study
- The anatomy of sea turtles
- Final expanded site survey/environmental assessment report, National Weather Service (NWS) network radar to serve coastal Washington
- Observing system simulation experiments at NCEP
- Data management plan, Okeanos Explorer (EX150414): Campaign to address pacific





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- Coral Reef Information System (CoRIS)

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Added: 01/09/2017



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Added: 01/09/2017

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1946 (1)

1950 (1)

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CoRIS (Coral Reef Inform...(1)

CoRIS (Coral Reef Info...(116)

DWH (Deepwater Horizon) (33)

**Document Type**

Document (1723)

Image (2)

Map (3)

**Subject**

Analysis (38)

Aquaculture (17)

Behavior (26)



**Entanglement studies, St. Paul Island, 1990 : juvenile male northern fur seals**

**Personal Author:** Fowler, Charles W. (Charles Winsor), 1941-; Baba, Norihisa;

**Corporate Author:** Alaska Fisheries Science Center (U.S.)

**Published:** 1991

**Series:** AFSC processed report ; 91-01

**Description:** During July and early August of 1991, studies of the entanglement of juvenile male northern fur seals (*Callorhinus ursinus*) in marine debris were conducted on St. Paul Island, Alaska, in the Bering Sea. Seals from 101 roundups were sources of data fo...

**File Type:** [PDF - 1.95 MB]



**Entanglement studies, St. Paul Island, 1992 : juvenile male northern fur seals**

**Personal Author:** Fowler, Charles W. (Charles Winsor), 1941-; Baker, Jason Daniel; Ream, R. R. (Rolf R.); Robson, B. W. (Bruce William); Kiyota, Masashi;

**Corporate Author:** Alaska Fisheries Science Center (U.S.)

**Published:** 1993

**Series:** AFSC processed report ; 93-03

**Description:** "This report presents the results of our 1992 research on the entanglement of northern fur seals. Results of this and previous work focus on juvenile mares (aged 2



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- 1946 (1)
- 1950 (1)

NOAA Program & Office

- CoRIS (Coral Reef Inform...(1)
- CoRIS (Coral Reef Info...(116)
- DWH (Deepwater Horizon) (33)

Document Type

- Document (1723)
- Image (2)
- Map (3)

Subject

- Analysis (38)
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Entanglement studies, St. Paul Island, 1990 : juvenile male northern fur seals

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**Personal Author:** Fowler, Charles W. (Charles Winsor), 1941-; Baker, Jason Daniel; Ream, R. R. (Rolf R.); Robson, B. W. (Bruce William); Kiyota, Masashi;

**Corporate Author:** Alaska Fisheries Science Center (U.S.)

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**Corporate Authors:** [Alaska Fisheries Science Center \(U.S.\)](#)

**Keywords:** [\[+\]](#)

**Series:** [AFSC processed report ; 91-01](#)

**Document Type:** [Document](#)

**Collection(s):** [National Marine Fisheries Service \(NMFS\)](#)

**Description:** During July and early August of 1991, studies of the entanglement of juvenile male northern fur seals (*Callorhinus ursinus*) in marine debris were conducted on St. Paul Island, Alaska, in the Bering Sea. Seals from 101 roundups were sources of data for providing estimates of entanglement-caused mortality and incidence of entanglement. Other data were collected on the kinds and sizes of debris. The observed proportion of seals entangled in 1991 was less than that observed during the last several years and lower than that recorded during the commercial harvest and roundups from 1967 to 1986. The proportion of juvenile males observed entangled in 1991 was 0.21%. This rate reflects the continued reduction in the numbers of animals entangled in fragments of trawl webbing. The frequency of occurrence of trawl webbing among the entangling debris in 1991 was about half that observed for 1990 and the levels for 1990 were about half those of earlier levels. In contrast, the proportion of seals entangled in other types of debris did not change. These studies confirm earlier estimates indicating that after 1 year, seals entangled in small debris (light enough to permit the animals to return to land) are reduced to about half the number expected had they not been entangled. There is continuing evidence from the 1991 studies that the rate of return (survival) of tagged seals from which debris is removed, is significantly higher than for tagged seals on which entangling debris was left.



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2. [Entanglement studies, St. Paul Island, 1988 : juvenile male roundups](#)
3. [Maximum net productivity level estimation for the northern fur seal \(\*Callorhinus ursinus\*\) population of St. Paul Island, Alaska](#)
4. [Final supplemental environmental impact statement for management of the subsistence harvest of northern fur seals on St. George Island, Alaska](#)
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**Personal Authors:** [Fowler, Charles W. \(Charles Winsor\), 1941-](#) ; [Baba, Norihisa](#) ;

**Corporate Authors:** [Alaska Fisheries Science Center \(U.S.\)](#)

**Keywords:** [\[-\]](#)  
[Eared Seals](#)  
[Marine Pollution](#)  
[Northern Fur Seal](#)  
[Eared Seals/Alaska/Saint Paul Island](#)  
[Marine Pollution/Alaska/Saint Paul Island](#)

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**Series:** [AFSC processed report ; 91-01](#)

**Document Type:** [Document](#)

**Collection(s):** [National Marine Fisheries Service \(NMFS\)](#)

**Description:** During July and early August of 1991, studies of the entanglement of juvenile male northern fur seals (*Callorhinus ursinus*) in marine debris were conducted on St. Paul Island, Alaska, in the Bering Sea. Seals from 101 roundups were sources of data for providing estimates of entanglement-caused mortality and incidence of entanglement. Other data were collected on the kinds and sizes of debris. The observed proportion of seals entangled in 1991 was less than that observed during the last several years and lower than that recorded during the commercial harvest and roundups from 1967 to 1986. The proportion of juvenile males observed entangled in 1991 was 0.2%. This rate reflects the continued reduction in the numbers of animals entangled in fragments of trawl webbing. The frequency of occurrence of trawl webbing among the entangling debris in 1991 was about half that observed for 1990 and the levels for 1990 were about half those of earlier levels. In contrast, the proportion of seals entangled in other types of debris did not change. These studies confirm earlier estimates indicating that after 1 year, seals entangled in small debris (light enough to permit the animals to return to land) are reduced to about half the



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**Year Published**

[1988 \(1\)](#)

[1989 \(1\)](#)

[1991 \(2\)](#)

**NOAA Program & Office**

[NMFS \(National Marine Fis...\(5\)](#)

**Document Type**

[Document \(5\)](#)

**Subject**

Eared Seals (5)



**Survey of Antarctic fur seals in the South Shetland Islands, Antarctica, during the 1986-1987 austral summer**

**Personal Author:** Bengtson, John L.; Ferm, Lisa M.; Härkönen, Tero; Schaner, Everett G.; Stewart, Brent S.;

**Corporate Author:** Northeast Fisheries Center (U.S.); United States Antarctic Marine Living Resources Program;

**Published:** 1988

**Series:** NOAA technical memorandum NMFS-F/NEC ; 60

**Description:** John L. Bengtson, Lisa M. Ferm, Tero J. Harkenonen, Everett G. Schaner, and Brent S. Stewart. : At head of title: Antarctic Marine Living Resources Program. : "September 1988." : Also available online in PDF. : Includes bibliographical references (p....

**File Type:** [PDF - 636.28 KB]



**Entanglement studies, St. Paul Island, 1988 : juvenile male roundups**

**Personal Author:** Fowler, Charles W. (Charles Winsor), 1941-; Merrick, Richard L.; Baba, Norihisa.;

**Corporate Author:** Northwest and Alaska Fisheries Center (U.S.)

**Published:** 1989

**Series:** NWAFC processed report 89-01



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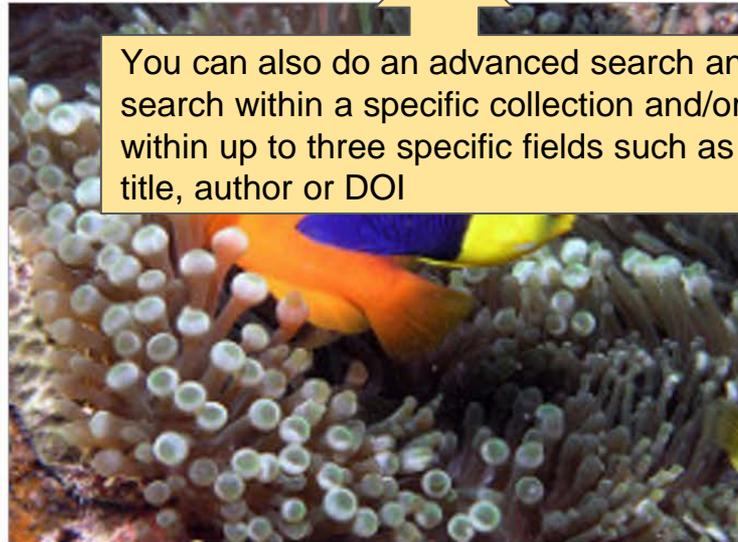
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**Protecting Coral Reefs**

sources from NOAA about ongoing al conservation efforts.

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- Deep Sea Coral Research and Technology Program : 2016 ...
- Coral Reef Information System (CoRIS)

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AND ▾

Select one... ▾

AND ▾

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The NOAA Historical collection includes publications and materials that were created and published by NOAA predecessor agencies. Some of these offices and agencies include: The U.S. Weather Bureau (WB), the Bureau of Commercial Fisheries (BCF), the Environmental Science Services Administration, and the Coast & Geodetic Survey (C&GS).

**Search Results for " Personal Author Contains "Carlson" "**

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[1969 \(1\)](#)

**NOAA Program & Office**

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**[A price incentive plan for distressed fisheries](#)**

**Personal Author:** Sokoloski, Adam Anthony; Carlson, E. W.;

**Corporate Author:** United States, Bureau of Commercial Fisheries., Division of Economic Research,

**Published:** 1969

**Series:** Working paper (United States. Bureau of Commercial Fisheries. Division of Economic Research) ; no. 14

**Description:** by A.A. Sokoloski and E.W. Carlson. : April 1, 1969. : Also available online in PDF via the NOAA Central Library. : Includes bibliographical footnotes.

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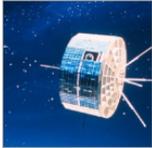
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### Deepwater Horizon Materials

This collection includes published research related to the Deepwater Horizon oil spill as well as related FOI...



### Coral Reef Information System (CoRIS)

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The DWH Collection includes both documents (including technical reports, data reports, environmental impact assessments, etc.) and digital images relating to the Deepwater Horizon Oil Spill of 2010 and its aftermath. These documents and images describe environmental research and analysis and ongoing restoration efforts.

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##### Document Type

Document (185)

Image (145)

Moving Image (5)



#### [\[NOAA Deepwater Horizon Response Video Collection; Fish sampling near Pascagoula, Mississippi, May 6, 2010](#)

**Personal Author:** Lubchenco, Jane

**Corporate Author:** United States, National Oceanic and Atmospheric Administration; United States, National Marine Fisheries Service;

**Published:** 2010

**Source:** May 6, 2010:

**Description:** Digital video clip captured the NOAA Administrator Dr. Jane Lubchenco when she explains the process of fish sampling and analysis by the NOAA research team in the oil polluted area of the Gulf of Mexico on May 6, 2010.

**File Type:** [MOV - 8.69 MB]



#### [\[NOAA Deepwater Horizon Response Video Collection; Overview of NOAA's role in spill response, May 6, 2010](#)

**Personal Author:** Lubchenco, Jane

**Corporate Author:** United States, National Oceanic and Atmospheric Administration; United States

# NOAA Institutional Repository Team



Stanley Elswick	Donald Collins
Sarah Davis	Jennifer Fagan-Fry
Anna Fiolek	Kara Mackeil-Pepin
Linda Pikula	Jamie Roberts
Jan Thomas	Caroline Thomas



# NOAA Central Library

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## Questions?

Stanley Elswick

[stanley.elswick@noaa.gov](mailto:stanley.elswick@noaa.gov)

Sarah Davis

[sarah.davis@noaa.gov](mailto:sarah.davis@noaa.gov)

Jennifer Fagan-Fry

[jennifer.fagan-fry@noaa.gov](mailto:jennifer.fagan-fry@noaa.gov)