

Please provide the following information, and submit to the NOAA DM Plan Repository.

### Reference to Master DM Plan (if applicable)

As stated in Section IV, Requirement 1.3, DM Plans may be hierarchical. If this DM Plan inherits provisions from a higher-level DM Plan already submitted to the Repository, then this more-specific Plan only needs to provide information that differs from what was provided in the Master DM Plan.

URL of higher-level DM Plan (if any) as submitted to DM Plan Repository:

## 1. General Description of Data to be Managed

### 1.1. Name of the Data, data collection Project, or data-producing Program:

AFSC/RACE/FBEP/Copeman: Effect of temperature and tissue type on fatty acid signatures of two species of North Pacific juvenile gadids: A laboratory feeding study

### 1.2. Summary description of the data:

This dataset is from a laboratory study that investigated the effect of temperature and tissue type on fatty acid signatures of Pacific cod and walleye pollock.

### 1.3. Is this a one-time data collection, or an ongoing series of measurements?

One-time data collection

### 1.4. Actual or planned temporal coverage of the data:

2008

### 1.5. Actual or planned geographic coverage of the data:

W: -124.043955, E: -124.043955, N: 44.621316, S: 44.621316  
Hatfield Marine Science Center, Newport, Oregon

### 1.6. Type(s) of data:

(e.g., digital numeric data, imagery, photographs, video, audio, database, tabular data, etc.)  
Table (digital)

### 1.7. Data collection method(s):

(e.g., satellite, airplane, unmanned aerial system, radar, weather station, moored buoy, research vessel, autonomous underwater vehicle, animal tagging, manual surveys, enforcement activities, numerical model, etc.)

Instrument: Not applicable

Platform: Not applicable

Physical Collection / Fishing Gear: Not applicable

### 1.8. If data are from a NOAA Observing System of Record, indicate name of system:

#### 1.8.1. If data are from another observing system, please specify:

**2. Point of Contact for this Data Management Plan (author or maintainer)****2.1. Name:**

Mara Spencer

**2.2. Title:**

Metadata Contact

**2.3. Affiliation or facility:****2.4. E-mail address:**

mara.spencer@noaa.gov

**2.5. Phone number:****3. Responsible Party for Data Management**

*Program Managers, or their designee, shall be responsible for assuring the proper management of the data produced by their Program. Please indicate the responsible party below.*

**3.1. Name:**

Mara Spencer

**3.2. Title:**

Data Steward

**4. Resources**

*Programs must identify resources within their own budget for managing the data they produce.*

**4.1. Have resources for management of these data been identified?**

No

**4.2. Approximate percentage of the budget for these data devoted to data management (specify percentage or "unknown"):**

Unknown

**5. Data Lineage and Quality**

*NOAA has issued Information Quality Guidelines for ensuring and maximizing the quality, objectivity, utility, and integrity of information which it disseminates.*

**5.1. Processing workflow of the data from collection or acquisition to making it publicly accessible**

*(describe or provide URL of description):*

Lineage Statement:

Juvenile walleye pollock were collected from Port Townsend Bay, Washington, and juvenile Pacific cod were collected in Kodiak, Alaska. Fish were shipped to the National Marine Fisheries Service Laboratory at Hatfield Marine Science Center in Newport,

Oregon, for use in an 8-week feeding trial, in which fish were fed gelatin diets modified with the addition of either marine oil or terrestrial plant oil. Three fish of each species were sampled for lipid analyses prior to the introduction of diet treatments. 24 experimental tanks were stocked with either 12 pollock per tank or 10 cod. 12 of the tanks were lowered to 3C, while the other tanks remained at 9C. The 24 tanks consisted of 3 tanks for each species at each temperature replicated for two different dietary treatments. Fish were measured, weighed and lipid sampled over four time periods during the trial.

Process Steps:

- Fish husbandry and sampling (Citation: Effect of temperature and tissue type on fatty acid signatures of two species of North Pacific juvenile gadids: A laboratory feeding study)
- Lipid analysis (Citation: Effect of temperature and tissue type on fatty acid signatures of two species of North Pacific juvenile gadids: A laboratory feeding study)

**5.1.1. If data at different stages of the workflow, or products derived from these data, are subject to a separate data management plan, provide reference to other plan:**

**5.2. Quality control procedures employed (describe or provide URL of description):**

Data was checked for outliers and impossible values.

## 6. Data Documentation

*The EDMC Data Documentation Procedural Directive requires that NOAA data be well documented, specifies the use of ISO 19115 and related standards for documentation of new data, and provides links to resources and tools for metadata creation and validation.*

**6.1. Does metadata comply with EDMC Data Documentation directive?**

No

**6.1.1. If metadata are non-existent or non-compliant, please explain:**

Missing/invalid information:

- 7.2. Name of organization of facility providing data access

**6.2. Name of organization or facility providing metadata hosting:**

NMFS Office of Science and Technology

**6.2.1. If service is needed for metadata hosting, please indicate:**

**6.3. URL of metadata folder or data catalog, if known:**

<https://www.fisheries.noaa.gov/inport/item/28069>

**6.4. Process for producing and maintaining metadata**

*(describe or provide URL of description):*

Metadata produced and maintained in accordance with the NOAA Data Documentation Procedural Directive: [https://nosc.noaa.gov/EDMC/DAARWG/docs/EDMC\\_PD-Data\\_Documentation\\_v1.pdf](https://nosc.noaa.gov/EDMC/DAARWG/docs/EDMC_PD-Data_Documentation_v1.pdf)

## 7. Data Access

*NAO 212-15 states that access to environmental data may only be restricted when distribution is explicitly limited by law, regulation, policy (such as those applicable to personally identifiable information or protected critical infrastructure information or proprietary trade information) or by security requirements. The EDMC Data Access Procedural Directive contains specific guidance, recommends the use of open-standard, interoperable, non-proprietary web services, provides information about resources and tools to enable data access, and includes a Waiver to be submitted to justify any approach other than full, unrestricted public access.*

### 7.1. Do these data comply with the Data Access directive?

No

#### 7.1.1. If the data are not to be made available to the public at all, or with limitations, has a Waiver (Appendix A of Data Access directive) been filed?

No

#### 7.1.2. If there are limitations to public data access, describe how data are protected from unauthorized access or disclosure:

No restriction for accessing this dataset

### 7.2. Name of organization of facility providing data access:

#### 7.2.1. If data hosting service is needed, please indicate:

Yes

#### 7.2.2. URL of data access service, if known:

<https://noaa-fisheries-afsc.data.socrata.com/Ecosystem-Science/AFSC-RACE-FBEP-Copeman-Effect-of->  
<https://noaa-fisheries-afsc.data.socrata.com/Ecosystem-Science/AFSC-RACE-FBEP-Copeman-Effect-of->  
<https://noaa-fisheries-afsc.data.socrata.com/Ecosystem-Science/AFSC-RACE-FBEP-Copeman-Effect-of->  
<https://noaa-fisheries-afsc.data.socrata.com/Ecosystem-Science/AFSC-RACE-FBEP-Copeman-Effect-of->  
<https://noaa-fisheries-afsc.data.socrata.com/Ecosystem-Science/AFSC-RACE-FBEP-Copeman-Effect-of->  
<https://noaa-fisheries-afsc.data.socrata.com/Ecosystem-Science/AFSC-RACE-FBEP-Copeman-Effect-of->  
<https://noaa-fisheries-afsc.data.socrata.com/Ecosystem-Science/AFSC-RACE-FBEP-Copeman-Effect-of->

### 7.3. Data access methods or services offered:

Unknown

### 7.4. Approximate delay between data collection and dissemination:

Unknown

#### 7.4.1. If delay is longer than latency of automated processing, indicate under what authority data access is delayed:

No delay

## 8. Data Preservation and Protection

*The NOAA Procedure for Scientific Records Appraisal and Archive Approval describes how to identify, appraise and decide what scientific records are to be preserved in a NOAA archive.*

### 8.1. Actual or planned long-term data archive location:

*(Specify NCEI-MD, NCEI-CO, NCEI-NC, NCEI-MS, World Data Center (WDC) facility, Other, To Be Determined, Unable to Archive, or No Archiving Intended)*

NCEI\_MD

#### 8.1.1. If World Data Center or Other, specify:

#### 8.1.2. If To Be Determined, Unable to Archive or No Archiving Intended, explain:

### 8.2. Data storage facility prior to being sent to an archive facility (if any):

Alaska Fisheries Science Center - Seattle, WA

### 8.3. Approximate delay between data collection and submission to an archive facility:

Unknown

### 8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?

*Discuss data back-up, disaster recovery/contingency planning, and off-site data storage relevant to the data collection*

IT Security and Contingency Plan for the system establishes procedures and applies to the functions, operations, and resources necessary to recover and restore data as hosted in the Western Regional Support Center in Seattle, Washington, following a disruption.

## 9. Additional Line Office or Staff Office Questions

*Line and Staff Offices may extend this template by inserting additional questions in this section.*