

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:

2009-2010 CNMI Elder Fisher Perceptions of Nearshore Marine Resources and Management

1.2. Summary description of the data:

Interview guides solicited fishers' experiences and perceptions of fishing practice, marine resource use, and marine ecosystems through time, as well as local resource management. Fishers across Saipan, Tinian, and Rota were selected based on their age and willingness to participate, with preferences for fishers over the age of 50, with at least 20 years of fishing experience in the Marianas, and who had sustained at least a weekly fishing practice at some point in their life. Between December 2009 and May 2010, 78 interviews were conducted in paired interviewer-notetaker teams consisting of DEQ, DCRM, and JIMAR staff. Discussions were conducted in English and Chamorro.

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:

2009-12 to 2010-05

1.5. Actual or planned geographic coverage of the data:

Mariana Archipelago, esp. islands of Saipan, Rota, Tinian

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.)

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:**

Mia Iwane

2.2. Title:

Metadata Contact

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

mia.iwane@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:

Mia Iwane

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?

Yes

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:

This research was executed by a team of collaborators, with representation from the CNMI Divisions of Environmental Quality (DEQ), Coastal Resources Management (DCRM), and Fish and Wildlife (DFW), NOAA Pacific Island Regional Office (PIRO), and the Joint Institute of Marine and Atmospheric Research (JIMAR). Staff from DEQ, DCRM, and DFW helped to design prompts and collect data. A JIMAR social researcher provided guidance and logistical support for data collection. A PIRO Coral Reef Fisheries liaison assisted with local logistics and coordination for the development of the interview guide and data collection and compilation. Between December 2009 and May 2010, 78 fishers were engaged in paired interviewer-notetaker teams consisting of DEQ, DCRM, and JIMAR staff. Discussions were conducted in English and Chamorro. Fishers were digitally recorded with their permission, and asked at the end of their interviews if they would be comfortable being referred to by name in project products. To the latter inquiry, 68 fishers replied in the affirmative. The remainder either did not respond or were not asked. Additional participants were identified through snowball sampling, a process by which fishers were asked for referrals to other knowledgeable fishers that might participate in the project. Following discussions, responses were keypunched into a matrix. In this matrix, each row represents a participant, and each column represents a question. This report summarizes the contents of this matrix, which, importantly, includes paraphrased and English-translated responses rather than verbatim quotes from discussions.

Process Steps:

- Participants were engaged per a interview guide between the winter of 2009 and summer of 2010.
- The original research team keypunched participant responses into a data matrix.
- In FY23, PIFSC staff summarized largely qualitative data from the aforementioned matrix into a data report.

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):

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:

- 1.7. Data collection method(s)
- 5.2. Quality control procedures employed
- 7.4. Approximate delay between data collection and dissemination
- 8.3. Approximate delay between data collection and submission to an archive facility

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/70376>

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

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?

Yes

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?**7.1.2. If there are limitations to public data access, describe how data are protected from unauthorized access or disclosure:****7.2. Name of organization of facility providing data access:**

Pacific Islands Fisheries Science Center (PIFSC)

7.2.1. If data hosting service is needed, please indicate:**7.2.2. URL of data access service, if known:**

7.3. Data access methods or services offered:

contact Point of Contact or Data Steward

7.4. Approximate delay between data collection and dissemination:

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

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)

TO_BE_DETERMINED

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):**

Pacific Islands Fisheries Science Center - Honolulu, HI

Main Hawaiian Islands

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

Data are currently stored on secured network drives at PIFSC, maintained by PIFSC IT services

9. Additional Line Office or Staff Office Questions

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