



Exxon Valdez Oil Spill Trustee Council
Long-Term Research and Monitoring Program
Annual Program Status Summary

**For Instructions for each section below, see Reporting Policy, II (C); the Reporting Policy can be found on the website, <https://evostc.state.ak.us/policies-procedures/reporting-procedures/>*

Program Number: 25120113

Program Title: EVOSTC Data Management Program

Program Lead(s): Carol Janzen, Alaska Ocean Observing System
Rob Bochenek, Tetra Tech

Reporting Period: February 1, 2025 – January 31, 2026

Submission Date (Due March 1 immediately following the reporting period): February 27, 2026

Program Website: AOOS Gulf of Alaska Data Portal <https://gulf-of-alaska.portal.aos.org/>

Please check all the boxes that apply to the current reporting period.

Program progress is on schedule.

The Data Management Program is proceeding as originally scheduled.

Program progress is delayed.

n/a

Budget reallocation request.

The Data Management Program budget represents Tetra Tech and the Alaska Ocean Observing System (AOOS), with the Alaska Sea Life Center (ASLC) and Prince William Sound Science Center (PWSSC) as fiscal agents. The ASLC fiscal agent fees show in the Contractual line item under the AOOS GWA LTRM Budget portion of the overall Data Management Program Budget. The PWSSC fiscal administration fees only apply to the Tetra Tech Non-Program Projects (NPPs) for each year, and are not included in the AOOS or Tetra Tech subawards from PWSSC. The GA 9% fee is not part of the AOOS or Tetra Tech subawards that we track. The no cost extension requested here therefore does not include the PWSSC 10% Fiscal Administration fees nor the GA 9% fee.



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The Data Management Program is on track and meeting its milestones and objectives, as is spending for AOOS and Tetra Tech subawards through the PWSSC. The extension is needed for the following reasons:

- Delays in the execution of the FY24 and FY25 awards and associated invoicing delays for work performed during a 6-month period without an amended award/funding in place;
- A company transition and associated administrative changes when Axiom Data Science was acquired by Tetra Tech, resulting in invoicing delays during 2025;
- The annual timing of the EVOSTC fiscal year (Feb 1 – Jan 31) versus the realized funding year (Jul 1 – Jun 30), causing the original annual contracts to lag the actual program start date of February 1 by six months;
- The timing of effort within the fiscal year. Though work occurs year-round for the Data Management Program, a significant portion of effort occurs during the last months of the EVOSTC fiscal year ending January 31, and into the first few months of the new fiscal year. This means invoicing of project expenses for a given fiscal year typically lag the annual program year-end date of January 31. As a result, annual expenditures tend to track more with the annual contractual renewal date mid-year.

Will the requested budget adjustment change the original scope or objectives of the project?

No Yes

*Amount requested to carry over to the next fiscal year: **\$509,306***

\$1,431,644 = AOOS and Tetra Tech combined total budget for FY22 through FY25 (not including GA 9% and PWSSC Fiscal Admin 10%)

\$509,306 = Cumulative remaining as of January 31, 2026, which includes

\$18,181 from AOOS FY22 through FY25 plus \$491,125 from Tetra Tech FY22 through FY25 subawards through the PWSSC.

- AOOS: \$58,717 FY22 through FY25 Total Budget Amount
(\$13,719 FY22 + \$14,791 FY23 + \$14,555 FY24 + \$15,652)
 - \$40,536 Charges as of January 31, 2026
 - \$18,181 remaining as of January 31, 2026
- Tetra Tech: \$1,372,927 FY22 through FY25 Total Budget Amount
(\$325,909 FY22 + \$326,480 FY23 + \$364,709 FY24 + \$355,829 FY25)
 - \$881,802 Charges as of January 31, 2026
 - \$491,125 remaining as of January 31, 2026



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How will the requested carryover be spent in the next fiscal year: Carryover will be spent down to finish annual and semi-annual reporting and budget-planning requirements through the first two Quarters of 2026, and to complete Data Management Program objectives while continuing ongoing data submission activities across all *EVOSTC*-funded projects.

Personnel changes.

n/a

1. Summary of Work Performed:

The goal of the *EVOSTC* Data Management Program is to provide critical data management to support to the Gulf Watch of Alaska Long-Term Research and Monitoring (GWA-LTRM) Program, the *EVOSTC*-funded Non-Program Projects (NPP), and data producing project components associated the Mariculture Research and Restoration Consortium (Mar ReCon) in order to assist study teams in efficiently meeting their objectives and ensuring data collected or consolidated through the effort are organized, documented, and available for their use and for future use by the larger scientific community. We proposed in 2021 to be successful in meeting this goal with the budget provided by leveraging the extensive cyberinfrastructure and data management capacities of both the Alaska Ocean Observing System (AOOS) and Axiom Data Science (now a Tetra Tech company and referred to hereout as Tetra Tech), and utilizing the existing, collaborative relationships with program PIs to ensure continuity in the data collected across efforts.

The workplan for Year 4 (Fiscal Year 2025 – FY25) of the 5-year (2022-2026) Data Management Program responds to the *EVOSTC*'s continued need for cost-effective data management that also maintains continuity and builds upon the efforts of the prior contract years (FY2012-2016 and FY2017-2021). The FY25 Data Management workplan and budget includes data management support for both the GWA-LTRM, multiple funded Non-Program projects (NPPs) and Mar ReCon project components approved by *EVOSTC*. Changes to the originally proposed and approved Data Management workplan and corresponding budgets in FY22, FY23, FY24 and FY25 include:

- GWA-LTRM - Add Project 22120114-N Long-term Killer Whale Monitoring (FY22 and FY23).
 - Data Management Program costs were added to the original GWA-LTRM Data Management budget line for FY22 and FY23 for the addition of this project to the Data Management Program.



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- New costs were added to the original proposal budget to provide data management services for this project for both FY22 and FY23 only.
 - This project was not continued in FY24 and the Data Management Program budget did not have this project in its original nor its FY24 budget, so no changes were needed.
- NPPs – Remove Project 22220203 Walleye Pollock Pacific Herring Interactions (funded in FY22 only; no longer separately funded starting in FY23).
 - Ovivory work from this project will be conducted within existing GWA-LTRM projects starting in 2024 through 2025 - 111-E (Hershberger) for sample collection, and 111-F (Morella) for sample analysis.
 - No new costs were incurred for the corresponding changes made to the GWA-LTRM Program projects and the Data Management Program costs for this NPP were completely removed from the overall Data Management Program budget for FY23-FY31.
- The LTRM Program Management Team (PMT) was approved to redirect funds from the Science Coordinator position in project 2222LTRM-A (Program Coordination and Science Synthesis) to specific data collection and analyses within other projects that were compromised due to funding reductions in FY22-FY26, or loss of funding for FY27-FY31.
 - Parts of one project that was fully funded (114-C Forage fish project) relied on data collected by parts of other projects that were not funded, specifically projects 114-E Long-term monitoring of marine bird abundance, and 111-R/K Prince William Sound aerial juvenile fish surveys.
 - These two projects were brought back into the GWA-LTRM Program for FY24, FY25 and FY26 for a total of three years, and required data management services that were not budgeted for in prior Data Management Program Budgets.
 - New costs were added to the original proposal budget to provide data management services for these changes for the remaining three years of the Data Management Program FY24, FY25 and FY26 only.
- The Data Management Program budget was modified in November 2025 by Tetra Tech to recategorize funding to travel and commodities in the FY25 and FY26 budgets without changing the total budget amounts. The rebudgeted category amounts were less than 10% of the total budget and the revised budget was approved by the EVOSTC Executive Director on November 7, 2025.



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NPPs have their data management objectives embedded in the comprehensive Data Management Program and share the same goals and objectives as the GWA-LTRM Program projects. Three of the NPPs are continuing projects from the prior 5-year Data Management Program, and include projects:

1. 22200127 Gulf Watch Ocean Acidification Monitoring (ended FY22 – January 31, 2023)
2. 22110853 Pigeon Guillemot Restoration Project (ended FY23 – January 31, 2024), and
3. 22210128 Status and Trends of EVOS Injured Seabirds in the Kenai Peninsula Coast and Kachemak Bay (ending FY25 – January 31, 2026).

Funding to complete data management support for these ongoing NPPs was approved by the EVOSTC in January of 2022 as part of the current five-year funding period (2022-2026).

Attachment 1 provides a list of GWA-LTRM Program projects and continuing and new NPPs that are supported by the Data Management Program approved fiscal year budgets in 2022, 2023, 2024 and 2025. A list of Mar ReCon project components is provided in Attachment 2, which contains the data submission inventory status tables for the entire Data Management Program. These lists may be subject to change relative to future Council funding decisions.

Data management goal(s) will be achieved with the following objectives:

Objective 1. Initiate data management services and oversight for the GWA-LTRM Program and Non-Program projects.

Objective 2. Standardize and provide access to datasets from the prior EVOSTC-funded efforts for continuity and integration.

Objective 3. Facilitate, monitor and evaluate regular data submissions and metadata generation in the Research Workspace.

Objective 4. Provide, maintain and modify technical infrastructure for user groups to access information produced or processed by the GWA-LTRM Program and Non-Program projects.

Objective 5. Publish and promote data collected by the GWA-LTRM Program and Non-Program projects, making them available for research, management and general audiences.

Objective 6. Execute management, user feedback and internal and external communications related to the GWA-LTRM Program and Non-Program project data and data products.



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Objective 7. Ensure long-term preservation and dissemination into publicly accessible repositories at the term completion.

The following activities were accomplished during the FY25 period.

OBJECTIVE 1. *Initiate data management services and oversight for the GWA-LTRM Program and Non-Program projects.*

This objective was largely completed during Year 1 of the 2022-2026 program. Data management kick-off meetings were hosted by Tetra Tech with the GWA-LTRM Program and NPPs to orient project investigators (PIs) to the EVOSTC data sharing policy and discuss the program-level data management strategy. During Year 4, follow-up orientations were provided on an as-needed basis as data submission activities continued during FY25.

Data management procedures efficiently guide project PIs through data documentation and curation throughout the lifetime of their projects and are available to all PIs through the Research Workspace, but also continue to be discussed in one-on-one meetings held with project PIs. The intent is to provide a data management framework with defined procedures for the collection, quality, storage, maintenance, and dissemination of project data that ultimately improves the accessibility and long-term usability of EVOSTC-funded data. Procedures may be followed by PIs at any time during the preparation of their datasets but are most useful when considered at the onset of project planning and implemented during data collection.

A data submission inventory of data expected to be generated by GWA-LTRM sampling efforts was adapted from the 2017-2021 efforts and is updated quarterly to incorporate any changes made during the funding period 2022-2026 (Attachment 2). This inventory describes the datasets, indicates the investigator responsible for the data, and notes data and metadata completeness for each expected dataset. This inventory also provides a scaffold for which the Data Management Team can track data and metadata progress throughout the life of the project. Continuing NPPs, new NPPs and Mar ReCon project components are now included in this inventory beginning in 2022, but under separate categories.

Objective 2. *Standardize and provide access to datasets from the prior EVOSTC-funded efforts for continuity and integration.*

Objective completed, January 2023. To build upon data management services from the prior five-year effort, the folder structure in the Research Workspace for all continuing GWA-LTRM projects was updated to assist PIs in maintaining an organized approach for storing data and metadata for the 2017-2021 funding period. New data from the 2022-2026 program are to be stored in the Research Workplace alongside the data collected from the 2017-2021 and the 2012-



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2016 periods for easy access by the study teams. This organization is intended to facilitate the archive of timeseries data that is a continuum across five-year funding increments.

OBJECTIVE 3. *Facilitate, monitor, and evaluate regular data submissions and metadata generation in the Research Workspace.*

The Data Management Program team has been actively guiding and monitoring data submissions for the Years 1-4 (FY22 – FY25) GWA-LTRM, continuing and new NPPs, and Mar ReCon project component datasets. The latest data from 2024 were due to the Research Workspace on December 1, 2025. The comprehensive data submission inventory for GWA-LTRM, NPP and Mar ReCon projects tracks data submissions to the Research Workspace against data that are expected to be generated over each project term (Attachment 2). This inventory also describes the datasets, indicates the investigator responsible for the data, and notes data and metadata completeness for each expected dataset. During 2025, the GWA-LTRM Program data submission inventory was shared with GWA-LTRM Program leads on February 24, 2025, May 21, 2025 and November 8, 2025 to facilitate data submission tracking.

Except for the three continuing NPPs, all FY22 and onward GWA-LTRM and NPP projects listed on the data submission inventory were newly funded in FY22. In many cases, the data sharing expectation is being met or exceeded (Figures 1a-d).

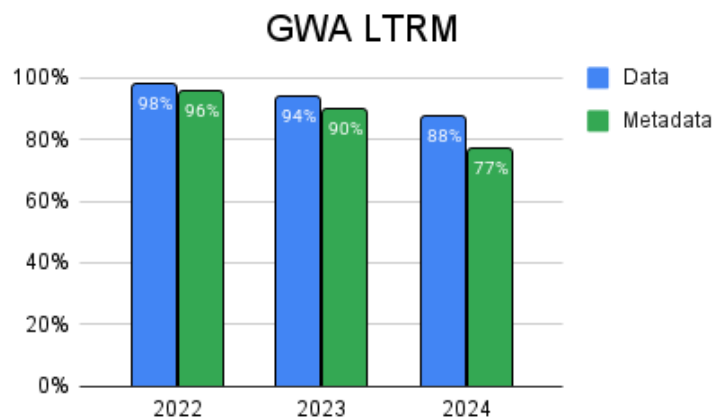


Figure 1a.



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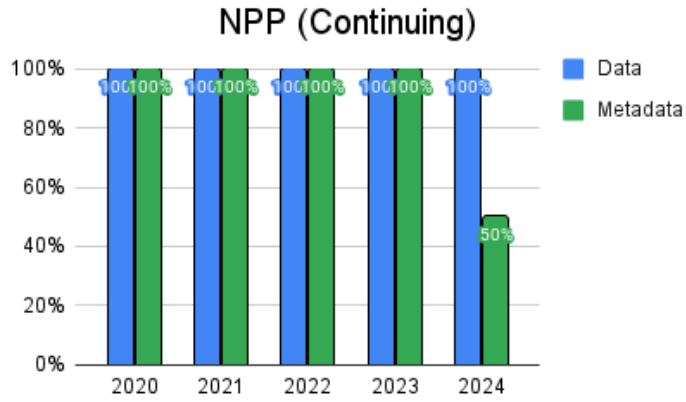


Figure 1b.

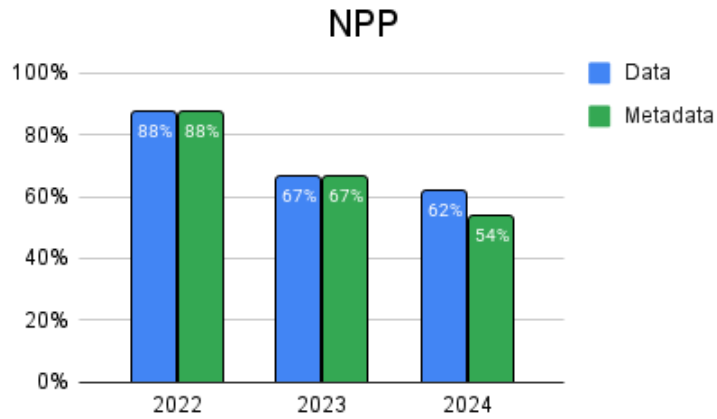


Figure 1c.



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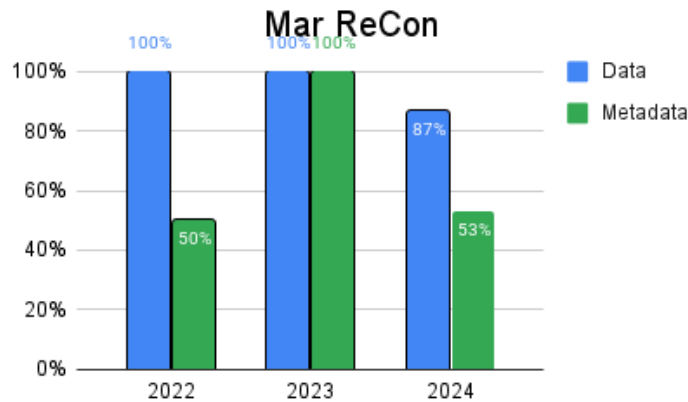


Figure 1d.

Figures 1a-d. The percentage of expected data (blue) and metadata (green) that have been shared in the Research Workspace for a) GWA-LTRM projects for FY22, FY23 and FY24; b) continuing NPPs for FY20-FY24; c) new NPPs for FY22, FY23 and FY24; and d) Mar ReCon project components for FY22, FY23 and FY24. Note that some projects have delayed data submissions that are permissible due to known circumstances (e.g., field work or sample processing timing, staffing changes). Complete data and metadata packages have also been shared to the Gulf of Alaska (GOA) Data Portal and submitted to DataONE for archival.

Some datasets are submitted through other data management platforms (e.g., federal data, regional program datasets) and are shared with the EVOSTC Research Workspace later. Other project datasets are typically delayed each year due to late-in-year sampling schedules, longer sample processing times and data processing delays, but are still considered compliant, as long as the Data Management Team is aware of approved or negotiated delays. With respect to all projects with delayed data or metadata, the Data Management Team has reached out to or is currently working with the lead PIs or data managers to get data and metadata finalized as soon as possible.

Data submissions for the three continuing NPPs are all on track (Figure 1b), with all data deliverables for continuing NPPs completed except for one dataset. The following summarizes the continuing NPP data submissions and management efforts:



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- Project 22200127 Gulf Watch Ocean Acidification Monitoring was a three-year project which started in FY20 and ended in FY22 (January 31, 2023). This project had final data expected and delivered at the end of the project term in December 2023.
- Project 23110853 Pigeon Guillemot Restoration also started in FY20 and included data management activities for the legacy pigeon guillemot count data from 2012-2018 and five years of new data spanning 2019-2023. Data submissions for 2012 through 2023 are now complete, and additional data related to these efforts collected earlier in 2008 have also been submitted alongside the more recent datasets.
- Project 25210128 Status and Trends of EVOS Injured Seabirds in the Kenai Peninsula Coast and Kachemak Bay was initiated in FY21 and continues through FY25 (January 31, 2026). Discussions to reconcile US Fish and Wildlife Service and EVOSTC data sharing requirements as well as the FY24 budget delays slowed down initial progress, but data submissions are on track. All FY22-FY24 data are in the Research Workspace for both expected datasets. Though data for the Kenai Peninsula component are also finalized, the metadata needs to be updated before this submission is considered complete.

The following summarizes progress with some of the more complex newer NPP data submissions and management efforts:

- Project 25220301 *Social, cultural and economic assessment of kelp mariculture opportunities for coastal villages within the EVOS spill zone* has identified seven final products across the project goals. Portable Document Format (PDF) documents of outreach and synthesis results and aggregate data for interview and survey results will be provided and will incorporate necessary protections for sensitive information. Some products will also be shared with the Alaska Department Fish and Game Subsistence Database, though intermediary and summary products will be made available through the EVOSTC Catalog, according to the Data Policy. This project is an on-going process study and is on track to deliver data and data products at the end of the funded term.
- Project 25220507 *The Port Graham Corporation general restoration and habitat project* collaborates with the US Fish and Wildlife Service (USFWS) and Kenai Peninsula Borough (KPB) and works with a large data and field collection team that helps supply metadata and finalized data products. All datasets produced by this project have been determined to be part of a process study with deliverables expected in the final year. The inventory table has been updated accordingly. The prior delay in data management onboarding at the onset of the project has been rectified in the past two years with regular check-ins on data submission expectations and progress. During fall 2025, the Data



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Management Team met again with the lead PIs to conduct a thorough review of data submission requirements and expectations, timeline reminders, and to discuss and document detailed data submission plans for each data product. A few datasets have already been delivered to the Research Workspace and two have been finalized:

- The new aerial ortho-mosaic imagery and LiDAR-derived elevation models have finalized data and metadata in the Research Workspace ready for archival and publication. A related dataset collected in Windy Bay in 2024 is ready for submission to the Research Workspace and will follow shortly now that the data management plan for these data types has been finalized.
- Raw LiDAR data that were used to generate the LiDAR-derived elevation models and contours were determined inappropriate for archival with DataONE given the sheer size of the data (terabytes). Tetra Tech is working with the Data Management Team to determine a data management plan for long-term preservation of these raw data.
- The Cadastral dataset has been partially uploaded into the Research Workspace and requires further metadata revisions and Tetra Tech review before finalization.
- The Scanned Historical Imagery dataset is ready for transfer, but Tetra Tech needs to work with the Data Management Team to determine the best approach due to the large volume of imagery files.
- Project 25220508 *Geospatial wetlands and hydrography data across the EVOS region* has delivered a final geodatabase of materials to the Research Workspace for review and curation by Tetra Tech. Finalized hydrography data for the unmapped portion of the Bering Glacier watershed and high resolution national wetland inventory updates have been made and are in the process of being uploaded to the USGS National Hydrography and USFWS repository. The LiDAR dataset, also in progress, will be made available in the Research Workspace and via the State of Alaska Elevation portal. Metadata will be made available with permanent identifiers to direct users to the deposited data as part of compliance with EVOSTC Data Policy.
- Project 25220502 *Clean Water Act assessment of beaches with lingering oil* only has one synthesis data product which will be finalized and archived as two versions: a version prior to public feedback and a version after incorporation of public feedback. The data and metadata have been uploaded into the Research Workspace as of January 31, 2026, and Tetra Tech is working with the Data Management Team to finalize the data package and metadata for publication. The data product will be submitted for public comment in spring of 2026.

The Project 25220302 *Mariculture Research and Restoration Consortium* (Mar ReCon) has updated data products in Attachment 2, adjusting for delayed funding and changes in target data collection. All projects with relevant field data are on schedule with data and metadata uploads to



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the Research Workspace. The Data Management Team is in contact with Mar ReCon project PIs who have yet to submit or finalize their FY22, FY23 and FY24 data and metadata, and in many cases are in the process of reviewing submissions to the Research Workspace or have worked with the PI to establish a project-specific plan to complete their records. The Mar ReCon project team meets yearly and includes a data management review with the lead PI, assessment of 17 data collection efforts, and a review of the assessment matrix for compliance and accuracy.

OBJECTIVE 4. *Provide, maintain and modify technical infrastructure for user groups to access information produced or processed by the GWA-LTRM Program and Non-Program projects.*

This objective is ongoing. In fall 2022, campaigns in the Research Workspace were established for each of the EVOSTC programs and projects, including GWA-LTRM Program, NPPs and Mar ReCon. The campaigns are organized by funded projects within the program and shared with the respective PIs. The Research Workspace serves as a web-based platform for PIs to upload, share and discover datasets and supporting documents, and to rapidly author metadata. The Research Workspace includes an integrated metadata editor to capture detailed documentation on datasets and produce ISO 19110 and 19115-2 metadata outputs while implementing important labor-saving steps for PIs to reduce the tedium of metadata creation.

The Research Workspace is connected to the DataONE Network for long-term preservation of data in the most contextually relevant environment (Figure 2). The intent of this capability is to ease the ingestion of data collections to national archives by simplifying the submission and upload of content and metadata.

Routine maintenance and upgrades to the Research Workspace platform and infrastructure is completed as needed to ensure that EVOSTC programs and projects have continued access to integrated data management, metadata, and archival tools. Some enhancements include, but are not limited to, better monitoring of DataONE archival pipeline issues, file system deletion efficiency, improved metadata revision history UI, and updating DataONE Client certification.



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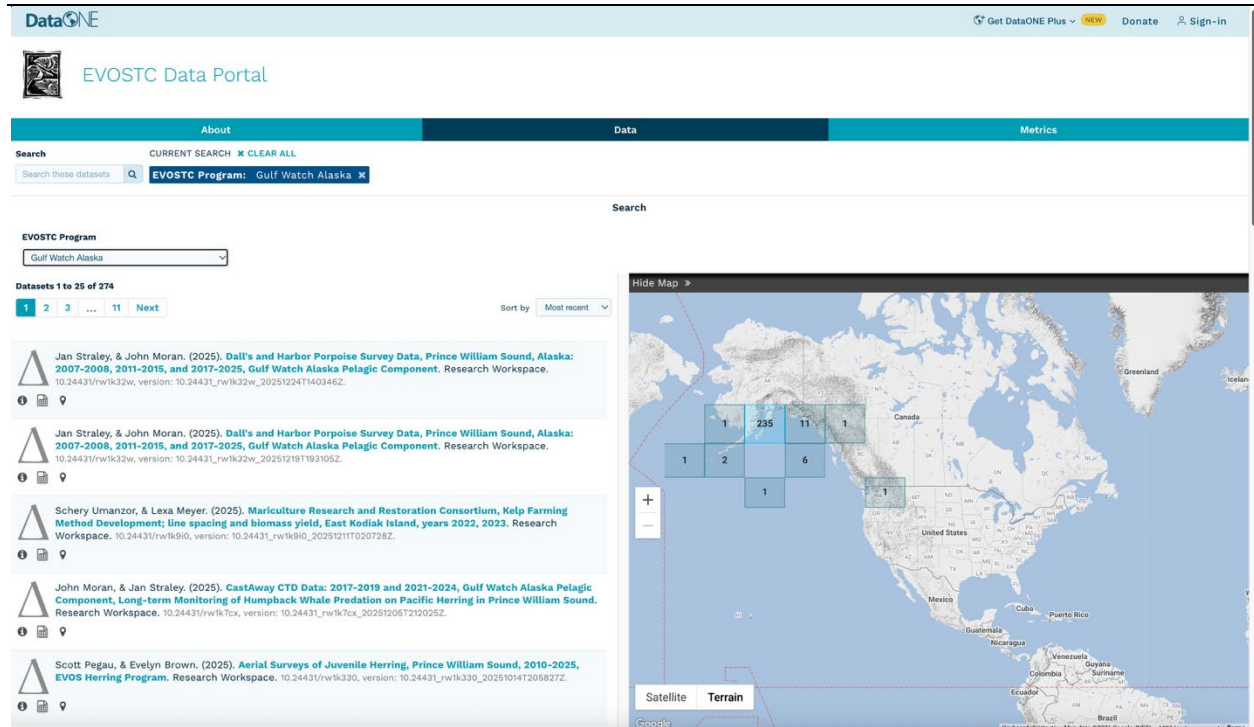


Figure 2. A screenshot of the Research Workspace Member Node in the DataONE Search catalog where EVOSTC-funded project data are archived for long-term preservation and made accessible by broader scientific audiences for re-use.

OBJECTIVE 5. Publish and promote data collected by the GWA-LTRM Program and Non-Program projects, making them available for research, management and general audiences.

To maximize data use for analysis, synthesis, review, and application, and to support the restoration and management of spill injured resources, data from EVOSTC-funded projects are being made widely available through multiple pathways.

- During the research phase of this funding cycle, data will be securely available for internal use through the Research Workspace.
- When data are ready to be published, they will be made available through the existing, public-facing AOOS hosted GOA Data Portal (<https://gulf-of-alaska.portal.aos.org/>) for exploration and discovery.
- At the end of the fifth and 10th years (2026 and 2031), final data will be published through DataONE for long-term preservation, noting that data that were made final prior the end of the 5-year program have already been uploaded to DataONE.



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'Completing Data Deliverables' means having data finalized in the Research Workspace, having data shared to the GOA Data Portal, and having data published and archived to a long-term repository, with the default being DataONE. Details about the status of data submission through publication and archival for GWA-LTRM projects, the continuing and new NPPs, and the Mar ReCon project components can be found in Attachment 2.

OBJECTIVE 6. *Execute management, user feedback and internal and external communications related to the GWA-LTRM Program and Non-Program project data and data products.*

To maintain an efficient data management process, regular and structured feedback is required from data management system users (e.g., the program leads and PIs). Given the maturity of the Data Management Program, the feedback typically comes through group discussion, one-on-one meetings and email correspondence. The Data Management Team routinely participates in GWA-LTRM Program, Mar ReCon, and other project meetings, responds to user feedback, and maintains regular communication about project progress with the EVOSTC staff and will continue to do so throughout the life of this program. The Data Management Team also maintains regular contact with individual PIs over email to provide notification of approaching deadlines for data or metadata submission, ask questions related to these submissions, and/or respond to PIs' questions about data management procedures and responsibilities.

Objective 7. *Ensure long-term preservation and dissemination into publicly accessible repositories at the term completion.*

Most projects with finalized data from FY22-FY24 have already submitted data for long-term preservation at an external repository, primarily DataONE (Attachment 1). There are some exceptions to where data are archived, including alternate, approved locations for sensitive data. Process studies with data deliverables closer to the end of the project will need thorough review and coordination in the final years to ensure data and metadata completion and subsequent submission to an approved, long-term repository.

2. Products:

The Alaska Ocean Observing System and Tetra Tech completed and submitted the Fiscal Year 2024 (Year 3) Annual Report to the EVOSTC for the EVOSTC Data Management Program (2022-2031) on 24 February 2025 (due March 1, 2025). A revised report was submitted on April 18 and revised again on May 15, 2025. The final report was approved by the EVOSTC on May 27, 2025.



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- Janzen, Carol, and Rob Bochenek, 2025. 24120113 EVOSTC Data Management Program: <https://evostc.state.ak.us/media/8382/evostc-24120113-fy24-final-report.pdf>
-

3. Coordination and Collaboration:

The Alaska SeaLife Center or Prince William Sound Science Center

The subaward from Prince William Sound Science Center (PWSSC) to AOOS (PI Janzen) for overall coordination of the Data Management Program and oversight of the GWA-LTRM Program data management is being administered through the AOOS fiscal agent, the Alaska SeaLife Center (ASLC). A separate PWSSC subcontract is being administered directly with Tetra Tech Data Science (PI Bochenek) for their technical role in the overall Data Management Program, and for direct oversight of the NPPs data management.

EVOSTC Gulf Watch–Long-Term Research and Monitoring Program

Building upon previous experiences, the Data Management Program continued to strengthen the existing collaborative relationship with the GWA-LTRM Program to effectively meet their data management needs. The Research Workspace provides the necessary open-access across program teams for file sharing and transparency of data progress. Backing this infrastructure is a Data Management Team that is well-coordinated with GWA-LTRM Program Managers and science teams to assist with timely data submissions and accuracy of metadata authoring, and to ensure data and products are available to general science and resource management communities.

The following coordination within the GWA-LTRM Program occurred during this reporting period:

- Coordination within the GWA-LTRM Program routinely occurred through email, phone communications, and regularly scheduled in-person meetings.
- GWA-LTRM Data Submission Inventory updates were emailed to GWA-LTRM Project Leads on February 24, May 21, and November 8, 2025.
- The Data Management Team attended quarterly PI meetings and the annual GWA-LTRM PI meeting December 15, 2025, to provide Data Management Program updates and to be responsive to data management and decision-support needs. Data Management staff were also available to meet with PIs during the week of the 2026 Alaska Marine Science Symposium in Anchorage (Jan 26-30, 2026) and hosted and attended the January 28, 2026 GWA-LTRM PI meeting at the AOOS Office.



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- Coordination with individual GWA-LTRM projects and regular communication was maintained with individual PIs through email and/or phone conversations to finalize data and complete ready data submission to DataONE.

EVOSTC-funded Non-Program Projects

The Data Management Team maintained communications with NPP PIs through regular email correspondence and virtual meetings. For larger projects with multiple sub-components such as Project 25220301 *Social, cultural and economic assessment of kelp mariculture opportunities for coastal villages within the EVOS spill zone*, at least one member of the Data Management Team attended the monthly virtual project coordination meeting.

EVOSTC Mariculture Projects

The Data Management Team checked in with the Mar ReCon Lead and PIs in January 2026 during their annual all-hands-on meeting to update the expected data product inventory list and make sure expectations are still aligned. Annual participation in this 3-day meeting also serves as a chance to work with PIs directly on data and metadata submissions. Like other meetings, the EVOSTC data sharing procedures and timelines were reviewed, in addition to discussing expectations for the data management strategy. One-on-one meetings between the PIs and the Data Management Team were offered to support individual data management plans for each of the Mar ReCon project components and inform the data submission inventory.

Trustee or Management Agencies

AOOS brings a significant level of leveraged resources, infrastructure, regional data management projects and partnerships to the EVOSTC Data Management Program. For one, AOOS maintains certification as a Regional Coastal Observing System (RCOS) under the authority of the Integrated Coastal and Ocean Observation System Act of 2009 (ICOOS Act). The ICOOS Act directs NOAA to certify and integrate RAs into the US Integrated Ocean Observing System (IOOS). Such integration formally establishes the role of the RA within the US IOOS and ensures that the data collected and distributed by the RA are managed according to the best practices, as identified by NOAA. To become certified, applicants must demonstrate they meet and maintain the requirements established by the US IOOS's Regulations to Certify and Integrate Regional Information Coordination Entities. Certification documents are updated regularly and RCOS programs are recertified every 5 years. AOOS received its latest certification in 2022, which is valid through 2026.



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As the AOOS data team, Tetra Tech works to provide data management, visualization and preservation services, including providing access to and facilitating the use of the Research Workspace. The team offers similar services to other programs that receive funding from or are administered or overseen by representatives from the EVOSTC and associated agencies. EVOSTC agencies include: 1) National Oceanographic and Atmospheric Administration (NOAA); 2) US Department of Agriculture/US Forest Service; and 3) the US Department of the Interior (Bureau of Ocean Energy Management, US Fish and Wildlife Service, National Park Service and the US Geological Survey). Three state agencies are also represented by the EVOSTC including: 1) Alaska Department of Fish and Game (ADF&G); 2) Alaska Department of Environmental Conservation; and 3) Alaska Department of Law.

The EVOSTC-funded Data Management Program benefits trustee or management agencies on many levels. For one, all data and final data products produced by the GWA-LTRM Program and NPPs are (or will be) made accessible and publicly available through the AOOS hosted GOA Data Portal and the DataONE Member Node, both of which are no-cost services that can be accessed by any member of the public. Other programmatic and statewide datasets are also accessible via the AOOS data system of portals and can be accessed by the same end-user accessing the historical GWA and HRM datasets and new GWA-LTRM datasets. DataONE provides access to data across multiple member repositories, supporting enhanced search and discovery of earth and environmental data. Other associated programs affiliated with EVOSTC and affiliated management agencies are given below (Table 1).



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Table 1. Associated EVOS Trustee Council Programs and agencies for which AOOS and Tetra Tech coordinate data management as well as other services.

Group Agency	Level and Type of Coordination and How the Project Assisted EVOSTC Trust or Agency Work	Representative
<p>Regional Coastal Ocean Observing System: Alaska Ocean Observing System (AOOS)</p> <p>Integrated Ocean Observing System (IOOS), National Ocean and Atmospheric Administration (NOAA)</p>	<p>Develop the integration of ocean and coastal observing capabilities, in collaboration with Federal and non-Federal partners, to maximize access to data and generation of information products, inform decision making, and promote economic, environmental, and social benefits</p> <p>Through the IOOS grant, AOOS provides partial support on a few GWA-LTRM supported projects --Seward Line environmental drivers ship time support, Kachemak Bay environmental drivers project support, and the Ocean Tracking Network (OTN) Herring acoustic tracking arrays in PWS. AOOS has invested a significant portion of their IOOS support to host the regions most sophisticated data acquisition system, which hosts the AOOS Ocean Data Explorer data visualization portal, the GWA Website, and the GOA Data Portal subsystem. This data system is highly leveraged by other large research and ecosystem-based programs (listed here). AOOS supports all the related EVOSTC and management agency projects by providing the backbone and base support to keep this data system operational, and also by providing data management services to all these groups and their projects.</p>	<p>Krisa Arzayus, Ph.D., Acting Director, IOOS</p> <p>Becky Baltes, Branch Chief (Federal), IOOS</p> <p>Maria Murray, Regional Coordinator (Federal), IOOS</p>
<p>Integrated Ocean Observing System (IOOS), National Ocean and Atmospheric Administration (NOAA)</p>	<p>Develop community standards for sensor observations; make regional data nationally accessible.</p> <p>This supports all the data management activities for the prior GWA and HRM Programs and will for the LRTM-GWA Program, as well as other projects listed here, and provides data in the correct formats to meet national and international data preservation and archival requirements and standards.</p>	<p>Micah Wengren, Data Management and Cyberinfrastructure (DMAC) System Architect (Federal), , IOOS</p>
<p>Alaska Ocean Observing System (AOOS) Data Management, (AOOS grants support funded through NOAA's IOOS Program)</p>	<p>Provide data management; cyberinfrastructure support. Works directly with member and non-member organizations to ingest and document new datasets as well as historical data assets that might not be available</p>	<p>Sheyna Wisdom, Executive Director, AOOS</p>



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Group Agency	Level and Type of Coordination and How the Project Assisted EVOSTC Trust or Agency Work	Representative
	<p>elsewhere or in a consistent useful format; data visualizations and product development</p> <p>Support data collection, data sharing and acquisition for the entire region of Alaska, including the GOA. These data are provided to the public and all interested users free of charge via the AOOS Data System. The AOOS Data System leverages their own data portal system to support other programs listed in this table.</p>	
<p>Central and Northern California Ocean Observing System (CeNCOOS) Data Management, NOAA</p>	<p>Provide data management; cyberinfrastructure. Works directly with member and non-member organizations to ingest and document new datasets; visualizations</p> <p>Tools developed for CeNCOOS can be leveraged for other projects listed on this table, as well as ingestion capability of new data types. Activities undertaken for CeNCOOS can be leveraged across the national IOOS Data System and other regions using the AOOS Data System platform.</p>	<p>Henry Ruhl, Ph.D., Executive Director, CeNCOOS</p>
<p>Southeast Coastal Ocean Observing Regional Association (SECOORA) Data Management, NOAA</p>	<p>Provide data management; cyberinfrastructure. Works directly with member and non-member organizations to ingest and document new datasets; visualizations</p> <p>Tools developed for SECOORA can be leveraged for other projects listed on this table. as well as ingestion capability of new data types. Activities undertaken for SECOORA can be leveraged across the national IOOS Data System and other regions using the AOOS Data System platform.</p>	<p>Debra Hernandez, Executive Director, SECOORA</p>
<p>Southern California Coastal Ocean Observing System (SCCOOS) Data Management, NOAA</p>	<p>Provide data management; cyberinfrastructure. Works directly with member and non-member organizations to ingest and document new datasets; visualizations</p> <p>Tools developed for SCCOOS can be leveraged for other projects listed on this table. as well as ingestion capability of new data types. Activities undertaken for SCCOOS can be leveraged across the national IOOS Data System and other regions using the AOOS Data System platform.</p>	<p>Clarissa Anderson, Ph.D., Executive Director, SCCOOS</p>



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Group Agency	Level and Type of Coordination and How the Project Assisted EVOSTC Trust or Agency Work	Representative
Core Program, North Pacific Research Board (NPRB)	<p>Provide guidance given on data and metadata best practices; access to and facilitation of the Workspace; organization and archiving of historical projects; Now the Data Management Team for NPRB.</p> <p>NPRB funds are administered through the EVOSTC. Data management from the NPRB Programs is being managed by Tetra Tech, and is leveraging the Research Workspace and the data system developed by AOOS to make data public and available for sharing, and standardized for long-term, national archival.</p>	<p>Lynn Palensky, Executive Director, NPRB</p> <p>Matthew Baker, Science Director, NPRB</p> <p>Jo-Ann Mellish, Program Manager, NPRB</p>
Arctic Integrated Ecological Research Program (AIERP), NPRB	Fully facilitate data and metadata management working directly with PIs, from initial sharing within the group to long-term archiving at NPRB	Danielle Dickson, Program Manager, NPRB
Arctic Marine Biological Observation Network (AMBON), Bureau of Ocean Management (BOEM)	Coordinate all data management activities for AMBON using the Workspace	Katrin Iken, Lead Principal Investigator, Professor, College of Fisheries and Ocean Sciences, University of Alaska, Fairbanks

4. Response to EVOSTC Review, Recommendations and Comments:

There was no feedback to respond to during FY25.

5. Budget:

The Budget Report for FY25 uses the most recent Data Management Program Budget approved in February 2024 by the EVOSTC and later modified by categories with no change to the total budget, approved on November 7, 2025. This report summarizes comprehensive AOOS/Tetra Tech cumulative expenditures for FY22-FY25 (ending January 31, 2026). The 45% indirect is not charged on the AOOS subaward amounts in this budget, which included personnel and contractual costs during this reporting period. The AOOS invoicing is quarterly, and only shows invoiced charges through December 31, 2025 at the time of this report.



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Table 2. Data Management Program expenditures through January 31, 2026.

Budget Category:		Proposed FY 22	Proposed FY 23	Proposed FY 24	Proposed FY 25	Proposed FY 26	5-YR TOTAL PROPOSED	ACTUAL CUMULATIVE
Personnel		\$237,237	\$238,005	\$264,755	\$188,013	\$176,019	\$1,104,028	\$641,193
Travel		\$0	\$600	\$0	\$2,970	\$2,545	\$6,115	\$4,382
Contractual		\$1,247	\$1,345	\$1,323	\$1,423	\$1,404	\$6,742	\$3,685
Commodities		\$0	\$0	\$0	\$68,645	\$65,299	\$133,944	\$0
Equipment		\$0	\$0	\$0	\$0	\$0	\$0	
Indirect Costs	Rate = 45%	\$101,144	\$101,321	\$113,185	\$110,430	\$103,421	\$529,502	\$273,078
SUBTOTAL		\$339,628	\$341,271	\$379,264	\$371,481	\$348,687	\$1,780,331	\$922,338
General Administration (9% of certain projects)		\$30,567	\$30,714	\$34,134	\$33,433	\$31,382	\$160,230	N/A
PWSSC Fiscal Administration (10% of certain projects)		\$9,522	\$9,084	\$11,189	\$9,740	\$6,903	\$46,437	
PROJECT TOTAL		\$379,716	\$381,069	\$424,586	\$414,654	\$386,972	\$1,986,997	\$1,986,997
Other Resources (In-Kind Funds)							\$0	
COMMENTS:								
<p>The Data Management Program budget represents Tetra Tech (prior: Axiom Data Science), the Alaska Ocean Observing System, and the Alaska Sea Life Center and Prince William Sound Science Center as fiscal agents. Indirect rates and exemptions from indirect rates vary. This sheet summarizes all proposed project expenses by category. Please see individual project budgets for detail. There are three main categories for data management: GWA LTRM (Tetra Tech and AOOS), Continuing Non-Programs projects, (Tetra Tech) and New Non-Program project (Tetra Tech). GWA-LTRM 114-N (Killer whale monitoring) project data services costs are included in FY22 and FY23 only. In June 2023, this budget was modified to remove NPP Project Number: 22220203 Walleye Pollock/Herring Interactions from FY23-FY31. In February 2024, this budget was modified to include data management for 2 additional GWA-LTRM projects 114-E (Long-term monitoring of marine bird abundance) and 111-R/K (Prince William Sound aerial juvenile fish surveys) during FY24, FY25, FY26. The FY24 funding release from NOAA was delayed and not awarded to this program until after January 31, 2025. FY25 funding release occurred July 2025. In November 2025, the budget was modified for the Tetra Tech component to include travel and commodities budget categories, with no overall increase in total funding.</p>								
FY22-26		Project Number: 22120113 Project Title: Data Management Program Primary Investigator: Janzen, Bochenek				NON-TRUSTEE AGENCY SUMMARY PAGE		



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Attachment 1. A list of actively funded GWA-LTRM and NPP projects by program and EVOSTC Project Number that continue to be supported by the Data Management Program in meeting the EVOSTC data sharing deliverables. Note: The Mar ReCon project components are not included here, but information about these project components can be found in the Mar ReCon Project Data Submission Inventory Table in Attachment 2.

Program: Gulf Watch Alaska Long-Term Research and Monitoring Program (GWA-LTRM)

Project Number	Principal Investigator	Project Title	Years Funded
2222LTRM	Hoffman	Gulf Watch Alaska Long-Term Research and Monitoring Program (GWA-LTRM)	FY22-31
22120111-C	Branch	Modeling and stock assessment of PWS herring	FY22-31
22120111-E	Hershberger & Paez	Herring disease program	FY22-31
22160111-F	Morella	Herring surveys and age, sex, and size collection and processing	FY22-31
22220111-I	Rand et al.	Ecological interactions between Pacific herring and Pacific salmon in Prince William Sound	FY22-28
23220111-R/K	Scott Pegau	Prince William Sound Aerial Juvenile Fish Surveys	FY24-26
22120114-C	Arimitsu & Piatt	Forage Fish Distribution, Abundance, and Body Condition	FY22-31
22120114-D	Ostle & Batten	Continuous Plankton Recorders	FY22-31
23120114-E	Bishop & Shaefer	Long-term Monitoring of Marine Bird Abundance – Fall and Winter Seabird Surveys	FY24-26
22120114-G	Campbell	Oceanographic Conditions in PWS	FY22-31
22120114-H	Coletti	Nearshore ecosystems the Gulf of AK	FY22-31
22120114-I	Danielson	GAK1 Monitoring	FY22-31
22120114-L	Hopcroft & Danielson	Seward Line Monitoring	FY22-31
22120114-M	Kuletz & Kaler	PWS Marine Bird Surveys	FY22-31
22120114-N	Matkin	Long-term Killer Whale Monitoring (ENDED JANUARY 31, 2024)	FY22-23
22120114-O	Moran, Straley & Wild	Humpback Whale Predation on Herring	FY22-31
22200114-P	Suryan & Coletti	Lingering Oil Component Project	FY22-31



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Program: Continuing EVOSTC-funded Non-Program Projects (NPPs) initiated prior to FY22

Project Number	Principal Investigator	Project Title	Years Funded
22200127 ENDED	Hetrick, Campbell, Baird, Evans	Ocean acidification sampling (ENDED JANUARY 31, 2023)	FY22 (original: FY20-22)
22110853 ENDED	Kuletz, Kaler, Irons	Pigeon guillemot restoration (ENDED JANUARY 31, 2024)	FY22-24 (original: Legacy data 2012-2019 and new data FY20-24)
22210128	Hollmen, Labunski et al.	Status and trends of EVOS injured seabirds	FY22-25 (original: FY21-25)

Program: New EVOSTC-funded Non-Program Projects (NPPs) initiated in FY22

Project Number	Principal Investigator	Project Title	Years Funded
22220201	Branson & Hetrick- Price	Chugach Regional Ocean Monitoring Program	FY22-31
22220202	Hauri	Continuation and expansion of ocean acidification monitoring*	FY22-31
22220203 TERMINATED	Rhea- Fournier et al.	Walleye pollock-Pacific herring interactions* (ENDED JANUARY 31, 2023)	FY22
22220300	Hetrick- Price	PWS kelp mariculture development for habitat restoration and local economy	FY22-26
22220301	Poe et al.	Social, cultural, and economic assessment of kelp mariculture opportunities for coastal villages within the EVOS spill zone	FY22-26
22220302	Hoffman et al.	Sustainable mariculture development for restoration and economic benefit in the EVOS spill area (Mar ReCon)	FY22-31
22220502	Lomax	Clean Water Act assessment of beaches with lingering oil	FY23-26
22220507	Colligan	Port Graham Corporation (PGC) general restoration and habitat protection	FY22-26
22220508	Thielke	Geospatial wetlands and hydrography data across the EVOS region	FY22-25



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Attachment 2. EVOSTC Data Management Program FY22-26 Data Submission Inventories for the GWA-LTRM Program, continuing NPPs, newly funded NPPs, and the Mar ReCon Project components as of January 31, 2026. Column entries are as follows:

- ‘2’: Obligation to archive data to an approved repository (e.g., DataONE) has been met
- ‘1.5’: Obligation to publish data and metadata on the Gulf of Alaska (GOA) Data Portal has been met
- ‘1’: Obligation to share and finalize data and metadata in the Research Workspace has been met
- ‘0.5’: Obligation to share data and metadata in the Research Workspace has been partially met
- ‘0’: Data or metadata are expected for project year, but have not yet been submitted to the Research Workspace
- ‘NA’: Data or metadata are not expected, based on the research and data workplan
- ‘P’: Process study with data not expected until end of project

Status definitions have been updated for clarity. In most cases, finalized data will be published to the GOA Data Portal and archived to a repository at the same time. However, when not the case, ‘1.5’ has been added to capture intermediate progress.

Some entries are further coded to indicate more information related to data expectancies (see footnote definitions at the end of each inventory tables). Ultimately these datasets will be accompanied with fully curated metadata, published to the GOA Data Portal and archived to DataONE (or other) at the end of the funding term. With respect to all projects with delayed data or metadata, the Data Management Team has reached out to or is currently working with the lead PIs or data managers to get data and metadata finalized as soon as possible.

GWA-LTRM Data Submission Inventory

Data submission inventory table for GWA-LTRM. Data submission status shows January 31, 2026 update for FY22-24 deliverables to the Research Workspace (RW), Gulf of Alaska (GOA) Data Portal, and a data archive.

EVOS Project #	Years Funded	Project	Dataset	Primary PI	2022 Data Status	2022 Metadata Status	2023 Data Status	2023 Metadata Status	2024 Data Status	2024 Metadata Status
22120111-C	FY22-FY26	Modeling and stock assessment of PWS herring	Age composition	Branch	NA	NA	NA	NA	2	2
22120111-C	FY22-FY26	Modeling and stock assessment of PWS herring	Model codebase	Branch	NA	NA	NA	NA	NA	NA



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22120111-C	FY22- FY26	Modeling and stock assessment of PWS herring	Output data	Branch	NA	NA	NA	NA	2	2
22120111-E	FY22- FY26	Herring disease program	Herring disease prevalence data and summary	Hershberger	2	2	2	2	0 ³	0 ³
22120111-E/F	FY24- FY25	Herring disease program	Ovivory data	Hershberger	NA	NA	NA	NA	NA	NA
22160111-F	FY22- FY26	Herring surveys and age, sex, and size collection and processing	Aerial biomass observation & routes data	Morella	1	1	1	1	1	1
22160111-F	FY22- FY26	Herring surveys and age, sex, and size collection and processing	Aerial survey marine bird & mammal observations data	Morella	1	1	1	1	1	1
22160111-F	FY22- FY26	Herring surveys and age, sex, and size collection and processing	ASL data	Morella	1	1	1	0 ³	1	0 ³
22220111-I	FY22- FY26	Ecological interactions between Pacific herring and Pacific salmon in Prince William Sound, Alaska	Ecological interactions between Pacific herring and Pacific salmon in Prince William Sound	Rand	NA	NA	1	0 ³	1	0 ³
22120114-C	FY22- FY26	Forage Fish Distribution, Abundance, and Body Condition	Forage fish count data	Arimitsu	2	2	2	2	2	2
22120114-C	FY22- FY26	Forage Fish Distribution, Abundance, and Body Condition	Forage fish morph data	Arimitsu	2	2	2	2	2	2
22120114-C	FY22- FY26	Forage Fish Distribution, Abundance, and Body Condition	Seabird diet data	Arimitsu	2	2	2	2	2	2



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22120114-C	FY22- FY26	Forage Fish Distribution, Abundance, and Body Condition	Hydroacoustic data	Arimitsu	2	2	2	2	2	0 ³
22120114-C	FY22- FY26	Forage Fish Distribution, Abundance, and Body Condition	Water chemistry (CTD & nutrients) data	Arimitsu	2	2	2	2	2	2
22120114-C	FY22- FY26	Forage Fish Distribution, Abundance, and Body Condition	Zooplankton data	Arimitsu	2	2	2	2	0 ³	0 ³
23220111- R/K	FY24- FY26	Prince William Sound Aerial Juvenile Fish Surveys	Data products are reported through 22120114-C	Pegau	NA	NA	NA	NA	NA	NA
22120114-D	FY22- FY26	Continuous Plankton Recorders	Plankton data	Ostle	2	2	1	1	1	1
22120114-D	FY22- FY26	Continuous Plankton Recorders	Temperature data	Ostle	2	2	1	1	1	1
22120114-G	FY22- FY26	Oceanographic Conditions in PWS	Chlorophyll data	Campbell	2	2	1.5	1.5	1.5	1.5
22120114-G	FY22- FY26	Oceanographic Conditions in PWS	CTD data	Campbell	2	2	1.5	1.5	1.5	1.5
22120114-G	FY22- FY26	Oceanographic Conditions in PWS	Zooplankton data	Campbell	2	2	1.5	1.5	1.5	1.5
22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Rocky intertidal - motile invertebrates (nucella, lirabuccinum, katharina, and lottia)	Iken	2	2	1	1	1	1
22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Mussel data	Iken	2	2	1	1	1	1



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22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Rocky intertidal - Limpets	Iken	2	2	1	1	1	1
22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Rocky intertidal - Sea stars	Iken	2	2	1	1	1	1
22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Rocky intertidal - Percent cover (Invertebrate and Algae)	Iken	2	2	1	1	1	1
22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Seagrass data	Iken	2	2	1	1	1	0 ³
22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Oystercatcher diet & nest density data	Coletti	2	2	1	1	1	1
22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Invertebrate and algae data (soft sediment)	Coletti	2	2	1	1	1	1.5
22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Marine birds and mammals data	Coletti	2	2	1	1	1	1
22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Water quality data	Coletti	2	2	1.5	1.5	1.5	1.5
22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Sea otter aerial survey data	Coletti	1	2	0 ²	0 ²	1.5	1.5
22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Sea otter carcass age at death	Coletti	0 ²	0 ²	0 ²	0 ²	1.5	1.5
22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Sea otter foraging observations	Coletti	2	2	1	1.5	1.5	1.5
22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Sea otter scat data (Spraint)	Coletti	2	2	1.5	1.5	1.5	1.5



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22120114-H	FY22- FY26	Nearshore ecosystems the Gulf of AK	Stable C and N isotope data	Iken	2	2	2	2	2	2
22120114-I	FY22- FY26	GAK1 Monitoring	CTD data	Danielson	2	2	2	2	2	2
22120114-I	FY22- FY26	GAK1 Monitoring	Mooring data	Danielson	1.5	1.5	1.5	1.5	1	1
22120114-L	FY22- FY26	Seward Line Monitoring	Chlorophyll data	Hopcroft	1.5	1.5	1.5	1.5	0 ³	0 ³
22120114-L	FY22- FY26	Seward Line Monitoring	CTD data	Danielson	2	2	2	2	2	2
22120114-L	FY22- FY26	Seward Line Monitoring	Nutrient data	Aguilar-Islas	1.5	1.5	1.5	1.5	1	1
22120114-L	FY22- FY26	Seward Line Monitoring	Seabird data	Labunski	1.5	1.5	1.5	1.5	1	1
22120114-L	FY22- FY26	Seward Line Monitoring	Zooplankton data	Hopcroft	1.5	1.5	1.5	1.5	0 ¹	0 ¹
22120114-M	FY22- FY26	PWS Marine Bird Surveys	Summer bird survey data	Kaler	1	0.5	0.5	0.5	0 ³	0 ³
22120114-N	FY22- FY23	Long-term Killer Whale Monitoring	Acoustic field recordings	Olsen	2	2	2	2	NA	NA
22120114-N	FY22- FY23	Long-term Killer Whale Monitoring	Photo encounters	Olsen	2	2	2	2	NA	NA
22120114-N	FY22- FY23	Long-term Killer Whale Monitoring	Biopsy data- genetics and contaminants	Olsen	NA	NA	NA	NA	NA	NA
22120114-N	FY22- FY23	Long-term Killer Whale Monitoring	Whale biopsy genetic sampling	Olsen	NA	NA	NA	NA	NA	NA
22120114-O	FY22- FY31	Humpback Whale Predation on Herring	Fluke id catalog	Moran	2	2	2	2	2	2
22120114-O	FY22- FY31	Humpback Whale Predation on Herring	Whale lipid data (Energetic/stable isotope data)	Moran	2	2	2	2	NA	NA



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22120114-O	FY22- FY31	Humpback Whale Predation on Herring	Whale predation on herring data	Moran	2	2	2	2	NA	NA
22120114-O	FY22- FY31	Humpback Whale Predation on Herring	Porpoise survey data	Moran	2	2	2	2	2	2
22120114-O	FY22- FY31	Humpback Whale Predation on Herring	CTD data	Moran	2	2	2	2	2	2
22200114-P	FY22- FY31	Lingering Oil Component Project	Hydrocarbon database	Suryan & Coletti	NA	NA	NA	NA	0 ¹	0 ¹
23120111-R	FY24- FY26	Forage fish aerial surveys	Forage fish aerial surveys	Pegau	NA	NA	2	2	2	2
23120114-E	FY24- FY26	Fall and winter seabird surveys	Fall and winter seabird surveys	Bishop & Schaefer	2	2	2	2	2	2
22220202	FY22- FY26	Continuation and expansion of ocean acidification monitoring	Discrete water sample data and inorganic carbon sampling	Hauri	1	1	1	1	1	0 ³

¹ delayed due to processing times for samples (e.g., zooplankton, tissue samples)

² delayed due to Federal reporting requirements

³ other delays that the Data Management Team was made aware of (e.g., staffing/personnel changes, field delays)

⁴ no data are expected this year (e.g., funding delays, contracting could not be completed, data destination changed, project not started yet, project discontinued, component of project discontinued)

⁵ delayed due to Federal funding delays



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Continuing NPPs Data Submission Inventory

Data submission inventory table for Continuing NPPs. Data submission status shows January 31, 2026 update for FY22-24 deliverables to the Research Workspace (RW), Gulf of Alaska (GOA) Data Portal, and a data archive.

EVOS Project #	Years Funded	Project	Dataset	Primary PI	2022 Data Status	2022 Metadata Status	2023 Data Status	2023 Metadata Status	2024 Data Status	2024 Metadata Status
22200127	FY20-FY22	Ocean acidification sampling	GWA OA yearly sampling	Jacqueline Ramsay, Jeff Hetrick	2	2	NA	NA	NA	NA
22110853	FY20-FY23	Pigeon guillemot restoration	PIGU Bird Survey	Kaler	2	2	2	2	NA	NA
22110853	FY20-FY23	Pigeon guillemot restoration	Black-legged kittiwakes (BLKI) productivity Survey	Kaler	2	2	2	2	NA	NA
22110853	FY20-FY23	Pigeon guillemot restoration	Transect Information start/stop from research vessel (transect header sheets)	Kaler	2	2	2	2	NA	NA
22210128	FY21-FY25	Status and trends of EVOS injured seabirds in the Kenai Peninsula Coast and Kachemak Bay	Kenai Peninsula Component-Annual Bird Surveys	Tuula Hollmen	1	1	1	1	1	0.5
22210128	FY21-FY25	Status and trends of EVOS injured seabirds in the Kenai Peninsula Coast and Kachemak Bay	Kachemak Bay Component-Annual Bird Surveys	Liz Labunski	2	2	2	2	1	1

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New NPP Data Submission Inventory

Data submission inventory table for new NPPs. Data submission status shows January 31, 2026 update for FY22-24 deliverables to the Research Workspace (RW), Gulf of Alaska (GOA) Data Portal, and a data archive.

EVOS Project #	Years Funded	Project	Dataset	Primary PI	2022 Data Status	2022 Metadata Status	2023 Data Status	2023 Metadata Status	2024 Data Status	2024 Metadata Status
22220201	FY22- FY31	Chugach Regional Ocean Monitoring Program	Time series environmental data	Allison Carl	1.5	1.5	1.5	1.5	1	1.5
22220201	FY22- FY31	Chugach Regional Ocean Monitoring Program	Time series chemical seawater analyses	Allison Carl	1.5	1.5	1.5	1.5	1	1.5
22220201	FY22- FY31	Chugach Regional Ocean Monitoring Program	Phytoplankton ID and species prevalence	Allison Carl	1.5	1.5	1.5	1.5	1	1.5
22220201	FY22- FY31	Chugach Regional Ocean Monitoring Program	Biotxin levels	Allison Carl	1.5	1.5	1.5	1.5	1	1.5
22220300	FY22- FY26	PWS kelp mariculture development for habitat restoration and local economy	Site Monitoring Oceanographic Data	Willow Hetrick-Price	2	2	2	2	2	2
22220300	FY22- FY26	PWS kelp mariculture development for habitat restoration and local economy	Water Sample Nutrient Data	Willow Hetrick-Price	2	2	2	2	2	2



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22220300	FY22- FY26	PWS kelp mariculture development for habitat restoration and local economy	Kelp Growth Measurements	Willow Hetrick-Price	2	2	2	2	2	2
22220301	FY22- FY26	Social, cultural and economic assessment of kelp mariculture opportunities for coastal villages within the EVOS spill zone	H1a: Extending Bull Kelp Mapping to Spill Zone: Mapped bull kelp layer 30x30m and bed density variation 1984-present (covering oil spill zone)	Aaron Poe	NA	NA	P	P	NA	NA
22220301	FY22- FY26	Social, cultural and economic assessment of kelp mariculture opportunities for coastal villages within the EVOS spill zone	H1a: Synthesis of Other Seaweed Species Mapping: Synthesis GIS Google Earth layer(s) of existing seaweed species	Aaron Poe	NA	NA	1	0.5	0.5	0.5
22220301	FY22- FY26	Social, cultural and economic assessment of kelp mariculture opportunities for coastal villages within the EVOS spill zone	H2: Synthesizing Mapped Household Subsistence Data: Synthesis GIS layer of DF&G subsistence data	Aaron Poe	NA	NA	0 ³	0 ³	0 ³	0 ³
22220301	FY22- FY26	Social, cultural and economic assessment of kelp mariculture opportunities for coastal villages within the EVOS spill zone	H1a/H2 Integrating Ethnographic/Historical Ecology: Synthesis of ethnographic interviews (de-identified)	Aaron Poe	NA	NA	NA	NA	NA	NA
22220301	FY22- FY26	Social, cultural and economic assessment of kelp mariculture opportunities for coastal villages within the EVOS spill zone	H1a/H2 ADFG Household Surveys: Life History Mapping synthesis	Aaron Poe	NA	NA	NA	NA	0 ³	0 ³



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22220301	FY22- FY26	Social, cultural and economic assessment of kelp mariculture opportunities for coastal villages within the EVOS spill zone	H1b: Healthy Land and Sea Planning (HLSP): Synthesis of Healthy Land and Sea Planning discussions	Aaron Poe	P	P	NA	NA	NA	NA
22220301	FY22- FY26	Social, cultural and economic assessment of kelp mariculture opportunities for coastal villages within the EVOS spill zone	H3: Economic Viability Analyses: Outputs from economic experiment and analyses of mariculture activities	Aaron Poe	NA	NA	NA	NA	NA	NA
22220502	FY23- FY25	Clean Water Act assessment of beaches with lingering oil	Impairment/attainment synthesis GIS layer	Terri Lomax	NA	NA	NA	NA	NA	NA
22220508	FY22- FY25	Geospatial wetlands and hydrography data across the EVOS region	High-resolution National Wetland Inventory (NWI) database for the entire EVOS region north of Shelikof Strait and Kodiak Watersheds	Sydney Thielke	NA	NA	NA	NA	NA	NA
22220508	FY22- FY25	Geospatial wetlands and hydrography data across the EVOS region	National Hydrography Data (NHD) for the unmapped portion of the Bering Glacier Watershed	Sydney Thielke	NA	NA	NA	NA	NA	NA
22220508	FY22- FY25	Geospatial wetlands and hydrography data across the EVOS region	QL 1 LiDAR data for Copper River Delta	Sydney Thielke	NA	NA	NA	NA	1	0 ³
22220507	FY22- FY26	Port Graham Corporation general restoration and habitat protection	Cadastral: Corrected parcel boundaries	Steve Colligan	NA	NA	NA	NA	NA	NA



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22220507	FY22- FY26	Port Graham Corporation general restoration and habitat protection	New Aerial Imagery: Helicopter-based Aerial Ortho Mosaic and Raw Imagery	Steve Colligan	NA	NA	NA	NA	NA	NA
22220507	FY22- FY26	Port Graham Corporation general restoration and habitat protection	New Aerial Imagery: Helicopter-based Aerial Ortho Mosaic and Raw Imagery	Steve Colligan	NA	NA	NA	NA	NA	NA
22220507	FY22- FY26	Port Graham Corporation general restoration and habitat protection	Historical Imagery: scanned and geolocated physical prints provided by Chugachmiut	Steve Colligan	NA	NA	NA	NA	NA	NA
22220507	FY22- FY26	Port Graham Corporation general restoration and habitat protection	Elevation: LiDAR data raw	Steve Colligan	NA	NA	NA	NA	NA	NA
22220507	FY22- FY26	Port Graham Corporation general restoration and habitat protection	Elevation: LiDAR derived elevation models - DSM & DTM, contours	Steve Colligan	NA	NA	NA	NA	NA	NA
22220507	FY22- FY26	Port Graham Corporation general restoration and habitat protection	Elevation: LiDAR derived elevation models - DSM & DTM, contours	Steve Colligan	NA	NA	NA	NA	NA	NA
22220507	FY22- FY26	Port Graham Corporation general restoration and habitat protection	Infrastructure: roads, mileage, culverts and bridges GIS data	Steve Colligan	NA	NA	NA	NA	NA	NA
22220507	FY22- FY26	Port Graham Corporation general restoration and habitat protection	Community Profile: updates to DNR 2005 profiles	Steve Colligan	NA	NA	NA	NA	NA	NA



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22220507	FY22- FY26	Port Graham Corporation general restoration and habitat protection	Hydrography: Windy Bay LiDAR-based fish passage	Steve Colligan	NA	NA	NA	NA	NA	NA
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Mar ReCon Project Components Data Submission Inventory

Data submission inventory table for Mar ReCon Project components. Data submission status shows January 31, 2026 update for FY22-24 deliverables to the Research Workspace (RW), Gulf of Alaska (GOA) Data Portal, and a data archive.

EVOS Project #	Years Funded	Project	Dataset	Primary PI	2022 Data Status	2022 Metadata Status	2023 Data Status	2023 Metadata Status	2024 Data Status	2024 Metadata Status
22220302	FY22-FY26	1	Sensor data for temperature, salinity, dissolved oxygen, PAR, etc.	Eckert	NA	NA	2	2	1	1
22220302	FY22-FY26	1	Hydrographic data from CTD casts - temperature & salinity	Eckert	NA	NA	2	2	1	1
22220302	FY22-FY27	1	Measure carbonate chemistry throughout a subset of the study and across all study regions.	Kelley	NA	NA	2	2	1	1
22220302	FY22-FY28	1	Nutrient sampling	Umanzor	NA	NA	1	1	1	1
22220302	FY31-FY35	2A	Zooplankton composition, abundance, and biomass	Campbell	NA	NA	NA	NA	NA	NA
22220302	FY22-FY26	2B	Benthic fish, epibenthic invertebrate, macroinfauna, and seaweed composition, abundance, and biomass at oyster and seaweed farms	Konar	1	1	1	1	1	1
22220302	FY22-FY26	2B	Fouling community structure associated with mariculture farm structures	Konar	1	0 ⁵	1	1	1	1
22220302	FY22-FY26	2B	Static physical attributes associated with mariculture farms (substrate, depth, exposure, distance to freshwater)	Konar	1	0 ⁵	1	1	1	1
22220302	FY22-FY26	2C	Pelagic fish abundance, species diversity, and behavior associated with mariculture farms.	Cypher	NA	NA	1	1	1	0.5
22220302	FY22-FY26	2C	Trophic flow estimates between species (a proxy for ecosystem dynamics) in PWS bays.	Cypher	NA	NA	1	1	1	0.5



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22220302	FY22-FY26	2D	Seabird community response to mariculture sites in PWS	Schaefer	1.5	1.5	1	1	1	1
22220302	FY22-FY26	2E	Marine mammal interactions with farm gear, including species, location, gear type, photographs	Rehberg	NA	NA	NA	NA	1	0.5
22220302	FY22-FY25	3A	Oyster growth & condition on production arrays	Hollarsmith	NA	NA	NA	NA	0 ³	0 ³
22220302	FY22-FY26	3A	Seaweed growth & condition on production arrays	Umanzor	NA	NA	NA	NA	1	0.5
22220302	FY22-FY26	3A	Seaweed contaminants	Alex Huller (she/her)	NA	NA	NA	NA	0 ³	0 ³
22220302	FY22-FY26	3B	Oyster rearing & breeding	Hollarsmith	NA	NA	NA	NA	NA	NA
22220302	FY22-FY26	3C	Sugar kelp responses to various seeding, trimming & parent stocks	Umanzor	NA	NA	1.5	1.5	1	0.5

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