2322LTRM Gulf Watch Alaska Long-Term Research and Monitoring Program: Integrated Program Management Overview

The Integrated Program Management (IPM) is embedded in the 2222LTRM Program proposal that was submitted in response to the FY22-31 Invitation for Proposals. Funding for FY22 was approved at the Trustee Council's January 2022 meeting. Funding for the remaining 9 years (FY23-FY33) is up for review for this meeting cycle. A brief overview of the IPM, separate from the larger program proposal is provided below.

Overview

The IPM was developed as a cost-saving measure in response to the Trustee Council's intent to downsize the Council's office and staff and transfer LTRM project fiscal management burden to a 3rd party management model. The IPM has been operating since the beginning of the long-term programs in FY12.

Key Points:

- Services provided are not duplicated elsewhere.
- Council staff do not provide these services.
- The Council at the time decided to farm out these services to 3rd parties as cost-saving measures to downsize the Council office and staff.

The IPM is composed of two administrative components (Fiscal & Outreach and Science) associated with primary personnel. Further details for each component can be found after this overview:

Components	Primary Purpose	Primary Personnel Roles
1. Fiscal & Outreach Admin	• Admin leadership & coordination • Fiscal services: non-TC agencies & orgs • Outreach and community involvement	Fiscal Admin Lead Program Coordinator Outreach Coordinator
2. Science Administration	• Program Leadership • Produce required synthesis products • Leverage funding – partners & collaborators	Program Lead Science Lead Science Coordinator

This administrative structure is a cost-effective 11.4% of the total LTRM program funds:

Component	4-Yr Cost FY23-26	5-Yr Cost FY27-31	Total Cost FY23-31
. Fiscal & Outreach Admin	$2,073,550	$2,940,120	$5,013,670
. Science Administration	$673,976	$1,660,617	$2,334,593
Subtotal	$2,747,526	$4,600,737	$7,348,263
9% GA	$247,277	$414,066	$661,344
Total	$2,994,802	$5,014,803	$8,009,607

The Science Administration includes cost for two postdocs (3 yrs each), they do not provide science admin services. They are included in the IPM budget for program level flexibilities and use of cost-effective NOAA student programs. One is for cross-component analyses and another for the pelagic component (see details on pages 5-6 for further information regarding the postdocs).

Consequences of Not Funding the IPM:

1. *Fiscal & Outreach Administration*

- NOAA grant for FY22-26 cancelled (a significant agency investment & already operational).
- ADFG - process and manage 24 additional contracts (more work for ADFG & Council staff), possibly delays.
- Additional Council staff time (0.75 FTE) will be needed to perform coordinator duties including required report editorial services (State library archiving) and tracking deliverables for all projects.
- LTRM websites will go offline, required outreach, education & community involvement will stop.

2. *Science Administration*

- Substantial decrease in the quality of work and products relative to what has been produced by the science program over the past 10-yrs.
- Loss of synthesis products and integration as requested by the Invitation to inform resource managers, decision makers, stakeholders, and the public. For example:
    - No impacts on a global stage - the United Nations Intergovernmental Panel on Climate Change cited 3 LTRM synthesis papers in their 2022 report.
    - No ecosystem indicators to North Pacific Fisheries Management Council, special issue journals, or synthesis postdocs.
- Reduced ability to leverage funds through partnerships & collaborations. Program management has leveraged ~$21M over the past 10 years, coordinating over 50 partnerships and collaborations. The largest contributors have been the National Science Foundation's northern GOA Long-Term Ecosystem Research program (required matched funding) and various federal agencies.

Details of Fiscal & Outreach Administration (PWSSC)

- PWSSC acts as the fiscal agent for 24 non-federal and state agency funded projects, ~$4.5M/yr.
  - LTRM: 13 projects
  - Mariculture: 9 projects in ReCON program
  - Data Management: 2 contracts servicing all TC funded projects & Foci (Habitat, Mariculture, and LTRM) to make data globally available
- PWSSC is also responsible for all LTRM program coordination and outreach & community involvement activities (including program website maintenance).

Personnel Costs: there are three main positions supporting LTRM administration (1.35 FTE).

Personnel	Time/ Yr	FY23 Cost	4-Yr Cost FY23-26	5-Yr Cost FY27-31	Total Cost FY23-31	Roles and Responsibilities
1. Admin Lead	35%	$60,200	$242,495	$359,800	$602,295	Responsible for 3rd party fiscal agent to all non-Trustee agency and organization projects under NOAA grants.
2. Prog. Coord.	75%	$99,180	$415,400	$592,290	$1,007,690	Provides essential coordination for Council staff, the program, and PIs including: compiling and tracking deliverables to the Council, editorial services, hosting meetings, and communicating program activities.
3. Outreach Coord.	25%	$18,540	$77,610	$110,910	$188,520	Coordinate and conduct required program outreach activities - engaging scientists, agencies, Tribes/local communities, other EVOSTC-funded programs, and web/social media content.
Totals	1.35 FTE	$177,920	$735,505	$1,063,000	$1,798,505	

Administrative Lead (3.5 mos/yr)
Administrative responsibilities on an annual basis include financial reporting, materials for audit requests, compliance with NOAA grants, contracting for projects, and oversight of outreach and community involvement activities for the program.

Program Coordinator (9 mos/yr)
Responsibilities on an annual basis include compiling and quality checking reports and budgets; coordinating program meetings and teleconference logistics; travel arrangements for program science review panel; notifying PIs of due dates; tracking program accomplishments; and facilitating communication between program working groups. An additional responsibility includes professional editorial services provided to the Council for funded projects as a requirement for archiving with the State Library (formerly done by the ARLIS librarian whose position is no longer funded by the Trustee Council).

Outreach Coordinator (3 mos/yr)
The Trustee Council requires program outreach, but limits the overall funding spent on program outreach to $30K/yr. Responsibilities include coordinating with Council staff, Education & Outreach focus area, agencies, and organizations; convening with remote villages; publications or graphic explanations for stakeholder audiences; program website and social media; and programming with youth or adults in spill affected areas.

Details of Science Administration (NOAA)

NOAA provides program leadership for the LRTM program, coordination and oversight of science syntheses of data collected across the program, and leveraging of funding through partnerships and collaborations.

Personnel Costs: Three positions support LTRM science, 2 at no cost by NOAA ($1M/10-yrs) and 1 FTE by the Council ($1.4M/10-yrs). Two postdocs are included due to their across program/project research ($720,000).

Personnel	Time/ Yr	FY23 Cost	4-Yr Cost FY23-26	5-Yr Cost FY27-31	Total Cost FY23-31	Roles and Responsibilities
1. Program Lead	50%	No cost	No cost	No cost	No cost	Responsible for the entire program and primary communicator with Council staff. [$831,100/10-yrs salary provided by NOAA]
2. Science Lead	10%	No cost	No cost	No cost	No cost	Responsible for program science and Component Lead for the Synthesis and Modeling Component. [$170,300/10-yrs salary provided by NOAA]
3. Science Coord.	100%	$130,369	$541,226	$754,817	$1,296,043	Responsible for coordinating and authoring required synthesis and modeling products across the program.
subtotal	1.6 FTE	$130,369	$541,226	$754,817	$1,296,043	
Postdocs	2.0 FTE	No Cost	No Cost	$720,000	$720,000	Responsible for carrying out synthesis research - analyses, modeling, and publications.
Total	3.6 FTE	$130,369	$541,226	$1,474,817	$2,016,043	

Program Lead (no cost)

The Program Lead is the point of contact for the Trustee Council and oversees all aspects of the of GWA-LTRM program ensuring the program meets their milestones and required deliverables. Additional responsibilities on an annual basis include producing program level reporting and budget tracking; developing collaborations and partnerships to leverage data and resources and to increase the regional significance and prestige of the Council's program.

Science Lead (no cost)

The Science Lead position is a needed for the required Science Synthesis & Modeling Component. The Science Lead is responsible for overseeing the integration and synthesizing of data collected under the program. The Science Lead works directly with the program Science Coordinator, Science Review Panel, Component Leads, and postdocs to develop integrated data products for resource managers that contribute to a better understanding of conditions that could impact recovery of injured resources.

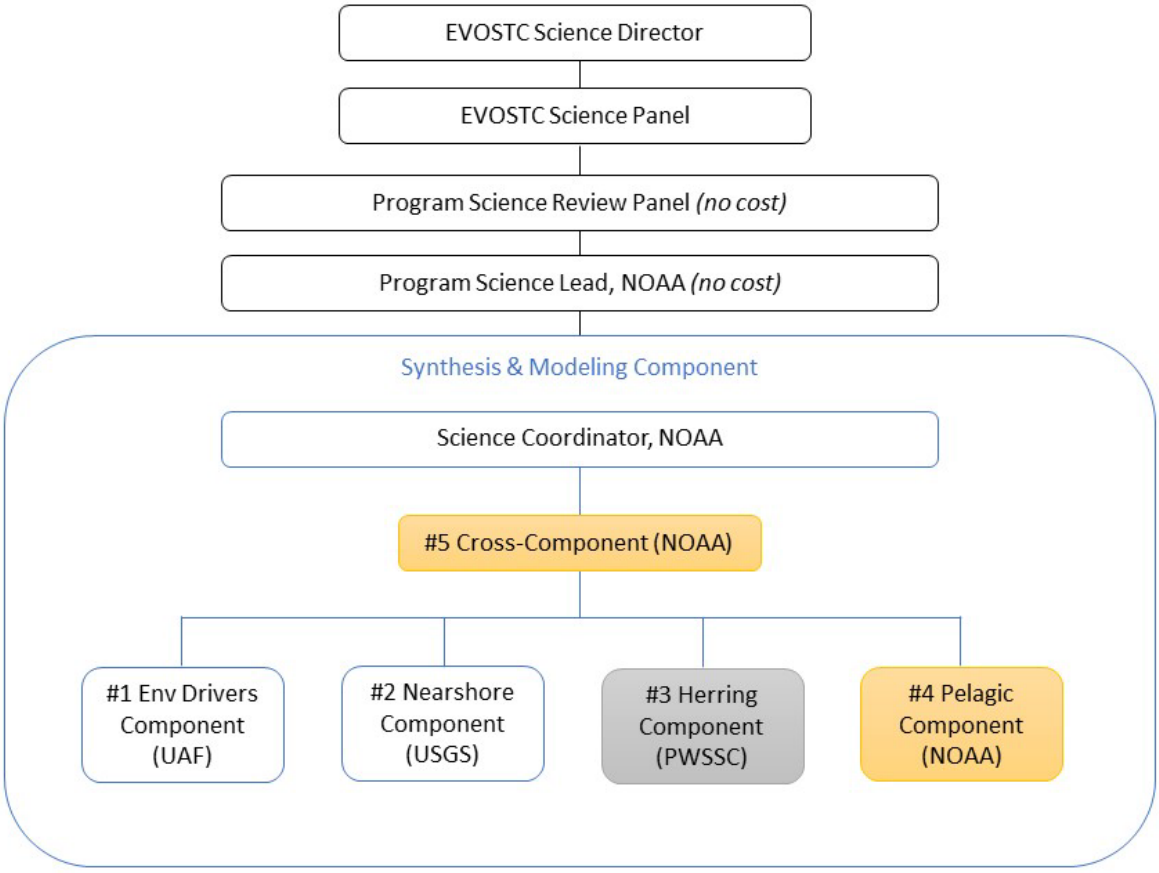
Science Coordinator (1 FTE)

This is a full-time position that has been funded by the Council since the LTRM program began in 2012.
The Science Coordinator carries out required deliverables related to the Science Synthesis & Modeling Component - lead author of two synthesis reports (FY24 & FY29), modeling, and publications. These reports are the ultimate use of EVOSTC research funds to inform resource managers and the scientific community.

Science Synthesis Postdocs
5 postdocs were proposed for FY22-31, one for each component: environmental drivers, pelagic ecosystem, nearshore ecosystem, herring and one cross-component postdoc.

Two postdocs (cross-component and pelagic component) are included in the Science Administration budget but they do not provide science admin services. The cross-component synthesis postdoc will be using data from multiple projects so it made more sense to house this postdoc with the science management. The other is a postdoc for the pelagic ecosystem component syntheses and it was more cost-effective to house this postdoc through NOAA.

The herring component postdoc was not funded because the project it was connected to was not funded. The environmental drivers component postdoc and nearshore component postdoc were funded along with their associated component projects. The postdoc organizational chart and budget is presented below.



gray = not funded, yellow = part of the integrated program management budget.

The postdocs will be supervised by the funded agency/organization Principal Investigator (PI), closely guided by the Science Coordinator for integration, have oversight by Program Lead for component level integration and reviewed by program Science Review Panel, Council's Science Panel and Science Director.

The postdocs are expected to conduct synthesis/modeling research, contribute to the required Council synthesis reports, present their results at professional conferences, and public in peer-reviewed journals.

Postdoc costs and 10-year schedule. Funding is limited to $120,000/year for 3 years for each postdoc. The herring postdoc was not funded. The pelagic and cross-component postdocs are proposed to be funded through the LTRM science administration.

Component	Agency /Org	PI	FY22	FY23	FY24*	FY25	FY26	FY27	FY28	FY29*	FY30	FY31	Total
Env. Drivers	UAF	Hopcroft	$120	$120	$120								$360
Nearshore	USGS	Esler	$120	$120	$120								$360
Herring	PWSSC	Cypher					$120	$120	$120				$360
Pelagic	NOAA	Suryan						$120	$120	$120			$360
Cross-component	NOAA	Suryan								$120	$120	$120	$360

gray = not funded, yellow = part of the integrated program management budget.