



Exxon Valdez Oil Spill Trustee Council
Long-Term Research and Monitoring, Mariculture, Education and Outreach
Annual Project Reporting Form

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

Project Number: 22220400

Project Title: Community Organized Restoration and Learning [CORaL] Network

Principal Investigator: Wei Ying Wong, Alaska SeaLife Center

Reporting Period: Feb 1, 2022 – January 31, 2023

Submission Date (Due March 1 immediately following the reporting period): Mar 1, 2023

Project Website:

Website is being developed by ASG and is in progress.

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

Project progress is on schedule.

Project progress is delayed.

Fiscal distributions to the Alaska SeaLife Center, fiscal agent for the CORaL Network were received 12/8/2022. Three out of the five subrecipient awards have been executed as of 2/28/2023, the final two are out for delivery. Delay in award receipt has caused substantial delays in grant deliverables. At this time, we are not unduly concerned about the network's ability to deliver on the outputs identified in the revised 5-year proposal. We anticipate being able to make up time on some of the activities that are not seasonally dependent.

Budget reallocation request.

No reallocations requested at this time.

Personnel changes.

ASLC

Hired Administrative Manager, Natalie Sotelo,

Hired Partnerships Manager, Leslie Jacoby

Currently seeking an Evaluator (Strategic Impact Manager). This is a role indicated in the grant and is in process.



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PWSSC

Hired Education Specialist, Cristina Reo

CACS

Hired Intern Institute Specialist, Misha Clawson

1. Summary of Work Performed:

**ALASKA SEALIFE CENTER (ASLC);
MEETINGS**

ASLC worked with Alaska Sea Grant and the Alutiiq Museum and Archeological Repository to organize the first CORaL partners meeting. This meeting, held in Kodiak in Oct 2022, was an opportunity for the CORaL partners to meet in person (many for the first time) and regroup from the delay of award receipt. It was an opportunity to revisit/clarify priorities and refine strategic focus for the program, especially since the grant proposal was written more than two years ago.

CORaL Network partners have been meeting on a regular basis. ASLC coordinated these meetings (2022 - 5/31, 7/25, 9/19, 10/25, 11/21, 12/5, 2023 - 1/9, 2/13), which serve critical roles in aligning strategic focus and information sharing. Early meetings allowed partners to get to know each other better and share areas of strategic focus as well as programmatic updates. It was decided at the in-person meeting in Kodiak that more frequent meetings would be helpful for all participants to stay on track. Since then, bi-monthly meetings are combinations of/alternating updates and focused areas for discussion, e.g., dedicated conversations on “intern institute”.

It is also important for the project to be integrated throughout ASLC. The project was presented to the Board of Directors at the September 2022 meeting and at All Staff in October 2022. Furthermore, monthly internal cross-departmental meetings (2022 - 12/8; 2023 - 1/5) are held to ensure that ASLC staff are familiar with the goals and objectives of the CORaL network and to be prepared to participate in the development of programmatic activities as well as actively support the growth of the network. Staff are excited to be involved in the program and have already identified ways in which they can contribute. Dr. Tuula Hollmen shared a presentation on the COMPASS Program at the 1/5 meeting - [COMPASS Presentation](#), and she will be presenting to other CORaL network partners in an upcoming bi-monthly network meeting in April.



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SUBAWARDS

During this reporting period ASLC was also able to document all required subrecipient monitoring documents for the subawards listed in this award project. As of 2/28/2023 executed awards are on file for CRRC, PWSSC and CACS and pending documents have been sent to AMAR and ASG. Invoicing is anticipated to be sent in quickly now that awards have moved forward and will allow subrecipients to recoup expenses associated with the delay of award receipt.

PERSONNEL

Hired Partnerships Manager, Leslie Jacoby

This position is listed in the grant proposal as “Network Manager”. Leslie will oversee operations and implementations of the CORaL Network, serving as a liaison and providing support to network partners to ensure that we are meeting grant objectives. She will also be working with Natalie Sotelo to coordinate network meetings and activities.

Hired Administrative Manager, Natalie Sotelo

This position is listed in the grant proposal as Education Administrator.

PRINCE WILLIAM SOUND SCIENCE CENTER (PWSSC):

PERSONEL

Hired Education Specialist, [Cristina Reo](#)

MEETINGS

Have met, in-person, with Gulf Watch Alaska Principal Investigators twice.

Attended MarReCon meeting, virtually.

Attended Alaska Marine Science Symposium.

DIRECTORIES/ MENUS

Creating Directories of GWA, CORaL, and MarReCon personnel and areas of expertise to help establish processes for collaboration.

COMMUNITY OUTREACH

Field Notes Radio Programs, one complete with John Moran and one in production, Dan Olsen.

Tuesday Night Talks- Community Lecture Series including Raven Cunningham of CRRC, [Imaq project](#) and Caitlin McKinstry of Native Village of Eyak, [Mariculture](#).

Introduced Themed Months that include Field Notes radio programs, community educational events, in-school education programming, and formal lecture series all about a theme related to EVOSTC-funded work.



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Plankton Sessions included Two Classroom lessons with 4th graders about plankton and marine food webs, two oceanographic themed trivias, hosted by Dr. Rob Campbell and research technician Jess Pretty, [Breakwater article](#), Informational posts on social media and in-print publications, Plankton themed Yoga ,Plankton Open House at PWSSC, Plankton Artwork by elementary school students hung in public spaces around the community.

Cetacean Sessions included Field Notes with Humpback whales in PWS with [John Moran released](#), Field Notes with Dan Olsen recorded, [Breakwater Article](#), One classroom lesson with 4th graders about whales, informational posts on social media and in-print publications. Rick Rosenthal, viewing of “Whale Wisdom”, Cetacean themed Yoga, Cetacean Open House at PWSSC, and Cetacean Artwork by elementary school students hung in public spaces around community.

In-school programs with grades 3-6 about herring, salmon, marine food webs, trophic transfer, seabirds, marine debris, and Oil Spill response. Partnered with Native Village of Eyak to lead lessons on the [science of drums](#).

Other community events included Seabird themed Trivia hosted by Anne Schaefer, Marine debris ornament making and Ocean themed movie night “[Ask a Scientist](#)”.

THE CENTER FOR ALASKAN COASTAL STUDIES (CACS):

PERSONEL

Hired Misha Clawson as the Intern Institute Specialist

Hired Markus Fuhman as an intern for the time period of 6/1/22 - 9/1/23

COMMUNITY COASTAL EXPERIENCE

The Community Coastal Experience, CCE, (Formerly referred to as the intern program) is live and accepting applications.

<https://www.akcoastalstudies.org/internship-ops/community-coastal-experience.html>

MEETINGS

Attended the annual CORaL meeting in Kodiak

Attended Alaska Marine Science Symposium

ALASKA SEA GRANT (ASG):

CORaL NETWORK WEBSITE

Wonderbuild.com has agreed to work with us in developing the CORaL Network website.

Preliminary website components and possible website designs have been identified. ASG, in collaboration with the ASLC and AMAR hosted the first annual CORaL meeting in October.



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ASG has been active in CCE planning and discussions and has been networking and collaborating with other entities.

CHUGACH REGIONAL RESOURCES COMMISSION (CRRC):

OUTREACH

CRRC/CACS classroom outreach at Seward Elementary 4/5th grade class on marine ecosystems.

APMI site visits for visiting CORaL Network partners.

Imaq Event in Cordova, AK 11/2022 to address gaps in marine mammal data collection. Met with a local group of Elders, fisherman and subsistence users to identify change and the best way to record and use data. The goal is have Traditional Knowledge and Elder input to guide research methods that culturally respectful

MEETINGS

CRRC/ASLC/KEFJ NPS collaborative Seward meeting how to collectively work together and support each other's projects by sharing & identifying overlap & gaps.

CRRC attended AMSS to meet with CORaL partners discuss collaborations and informally presented to Gulf Watch Scientists

CRRC is a partner in the SACRED grant, most recent event is April 4-6 to deepen the exchange of knowledge and experiences on the topics of environmental change, community engagement, and long-term relationship building to advance community resilience in Southcentral Alaska. Focus on environmental observation skill building, hands-on activities, and shared learning together.

CRRC/ CHP partnered to present to CORaL Network on Community Sharing [CORaL CRRC Community Sharing Presentation.pptx](#)

Community Coastal Experience CCE program development in partnership with CORaL Network ongoing. CRRC is working with ASLC, APMI. QNT to provide a dynamic visit including relevant cultural experience in conjunction with science related programming.

GIS

CRRC is creating GIS Story Map Project to share seasonal subsistence hunting regulations for all people of the Chugach Region

WISDOM KEEPERS PROJECT



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CRRC is a partner in the Wisdom Keepers Project and is finalizing Regional TEK Bird illustrations. This particular project has been ongoing with Chugachmiut & Pacific Birds

COMMUNITY OUTREACH/ EVENTS

CRRC Annual Subsistence Gathering- Imaq event will take place March 23, 2023. Presenters will share topics that are important to marine life in the Chugach Region. This will be followed by a dinner featuring Regional Dance groups and an Indigenous Fashion Show.

2023 Elder/Culture Bearer Gatherings hosted by Chugachmiut Cultural Preservation will be a monthly event.

CRRC Community IGAP outreach events monthly updates and annual community visits. 2023 combined efforts with other scientific data sharing organizations and Tribes.

CRRC Climate Cohort Alliance is a cohort of Tribal community citizens from Chugach Region who meet to discuss climate change.

Subsistence Alliance Meetings Monthly offers speakers who share science and/or TEK that is related to the Chugach Region and is open for all to join!

ALASKA NATIVE PERSPECTIVE TRAINING

Collective Alaska Native Perspective Learning Series aka Alaska Native Relations

In-person event 4-day will take place in Seward 9/19-22/2023 in Seward, Alaska. Alaska Native

Development and planning is ongoing. The course will be an immersive in person learning experience, key company that are centered around Alaska Native Value are:

Alaska Native Mentors that shape the content

Alaska Native Elders who guide the learning experience with stories, important values and important topics to Alaska Native people

Nanwalek Seal Dancers

Traditional Native Foods sharing

Relations contracted experts:

Reverend Dr. Michael Oleksa, Intercultural Communications Professor

Dr. Henry Huntington, Center for Cross-Cultural Studies, University of Alaska-Fairbanks

Dr. Stephen J. Langdon, Professor Emeritus, Anthropology, University of Alaska-Anchorage

– Judge David Avraham Voluck, JD, Sitka Tribe of Alaska



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**THE ALUTIIQ MUSEUM AND ARCHEOLOGICAL REPOSITORY (AMAR):
INTERNSHIPS**

AMAR provided paid opportunities for four interns to learn about archaeology, heritage resource management, collections care, and public outreach. Three of these interns participated in archaeological field and laboratory work. All the interns participated in public outreach, learning to give tours of the museum, leading cultural activities with youth, and sharing hands-on Alutiiq artifacts at public events. Two of the interns were current Kodiak High School students and two were recent graduates.

COMMUNITY SCIENCE RESOURCES

Traditions Book Reprint; Distribution

A fourth edition of this long-standing AMAR publication was developed in Y1. This publication was originally developed to answer many of the most commonly-asked questions at AMAR. In this edition new topics were added and updated pages on ancestral fishing techniques, archaeological sites, and Alutiiq objects in other museums. The book was printed and distributed to schools, libraries, tribes, and Alaska Native corporations in the Kodiak Archipelago. Copies were also shared with CORaL partner organizations and EVOSTC. AMAR has additional copies that can be shared with researchers working in the Kodiak Archipelago in future years of the CORaL project.

SUMMER CAMP SUPPORT

One of AMAR's CORaL interns assisted the AMAR Education Manager with cultural activities at Native Village of Afognak's Dig Afognak – an Alutiiq culture camp located on Afognak Island in the Kodiak Archipelago.

PUBLIC OUTREACH

AMAR staff and interns traveled to one rural community (Ouzinkie) in the Kodiak Archipelago. While two rural community trips were planned, only one was completed due to the late start of the project. In Ouzinkie, AMAR hosted a 'Mobile Museum' event at the Native Village of Ouzinkie tribal hall, inviting residents to interact with ancestral artifacts and play Alutiiq games.

CULTURAL AND COMMUNITY COMPETENCY

Archaeology Brochure

AMAR produced a Kodiak Archaeology brochure that shares information about ancestral archaeological sites in the Kodiak Archipelago and explains the laws that protect them. This resource was distributed to local tribes, Alaska Native Corporations, municipal governments, and to the public at AMAR's front desk. Distribution will continue in 2023.



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ARCHEOLOGY BOOKLET

AMAR printed additional copies of a 15-page Kodiak Archaeology booklet that was produced earlier in 2022 under a contract with the Kodiak National Wildlife Refuge. This resource expands upon the topics introduced in the Archaeology Brochure and takes a more in-depth look at archaeological sites, artifacts, and historic preservation. This resources will be distributed in Y2. Printing of the original booklet was only for the Kodiak National Wildlife Refuge. The second printing with CORaL funds will allow this resource to be distributed to local landowning agencies, tribes, Alaska Native Corporations, and the public.

LECTURE SERIES

AMAR hosted a fall lecture series in 2023 to help scientists connect with the AMAR’s audience. AMAR reached out to PIs and participants in several EVOS-funded projects, but the only one who was able to present was Alaska SeaGrant Mariculture Specialist Melissa Good who presented on two EVOSTC-funded mariculture projects. Other lectures included local archaeological research by AMAR archaeologists, and a presentation about invasive crayfish in a local lake by a biologist from the Sun’aq Tribe of Kodiak.

ALUTIIQ TECHNOLOGICAL INVENTORY

Professional photography and artifact illustration began for production of the Alutiiq Technological Inventory – a publication that will share ancestral Alutiiq tool types from the Kodiak Archipelago.

RESEARCH SUPPORT

AMAR assisted several researchers studying ancestral Alutiiq artifacts and subsistence traditions. This included providing access to archaeological collections at AMAR and helping connect researchers with Elders and other culture bearers in the community.

SITE DEVELOPMENT

Filming began for “Introducing the Alutiiq”, a documentary film meant to introduce the Alutiiq people of the Kodiak Archipelago. AMAR contracted Josh Branstetter of Branstetter Film to produce the film. With assistance from AMAR staff, Branstetter filmed in Kodiak, Larsen Bay, and Ouzinkie, interviewing Alutiiq residents. He also filmed artifacts and artwork in AMAR’s collections. The film is under production and scheduled to be completed on-time in May of 2023.



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2. Products:

Peer-reviewed publications:

Alutiiq Traditions, An Introduction To The Native Culture Of The Kodiak Archipelago

By Amy F. Steffian and April C. Laktonen Counciller.

Published 2022

A Publication of the Alutiiq Museum and Archeological Repository

Reports:

N/A

Popular articles:

CORaL Network Brings Together Six Alaskan Conservation Organizations

Posted On: June 24, 2022

https://www.alaskasealife.org/news_item/161

Conferences and workshops:

AMAR and ASG hosted in person CORaL Network Meeting in Kodiak, 10/5- 10/6, 2021

Partners all attended the Alaska Marine Science Symposium, Jan 23-27, 2021, Anchorage, Alaska

Public presentations:

CORaL Network presentation to Gulf Watch Alaska at the Alaska Marine Science Symposium, Jan 25, 2022.

Data and/or information products developed during the reporting period:

N/A

Data sets and associated metadata:

N/A

Additional Products not listed above:

N/A



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3. Coordination and Collaboration:

The Alaska SeaLife Center or Prince William Sound Science Center

Text

EVOSTC Long-Term Research and Monitoring Projects

Text

EVOSTC Mariculture Projects

Text

EVOSTC Education and Outreach Projects

Text

Trustee or Management Agencies

Text

Native and Local Communities

Text

4. Response to EVOSTC Review, Recommendations and Comments:

Text



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5. Budget: ASLC works on a basis of accrual, however, for this project EVOSTC has requested expenses only post in the period for which they were paid. Because of this, the ASLC report for January will vary from the figures listed below. ASLC figures show 54,246 in expenditures, the variance of which will post in the February billing period.

Budget Category:	Proposed FY 22	Proposed FY 23	Proposed FY 24	Proposed FY 25	Proposed FY 26	5-YR TOTAL PROPOSED	ACTUAL CUMULATIVE
Personnel	\$1,108,919	\$1,168,245	\$1,201,966	\$1,214,819	\$1,195,726	\$5,889,676	\$22,633
Travel	\$165,642	\$171,396	\$195,290	\$194,549	\$202,512	\$929,388	\$11,627
Contractual	\$406,357	\$437,642	\$356,372	\$353,658	\$512,852	\$2,066,881	\$780
Commodities	\$140,351	\$84,131	\$72,570	\$69,152	\$55,516	\$421,721	\$272
Equipment	\$10,000	\$15,000	\$0	\$0	\$0	\$25,000	\$0
Indirect Costs (rate will vary by project)	\$460,978	\$424,612	\$416,272	\$411,340	\$421,938	\$2,135,141	\$11,300
SUBTOTAL	\$2,292,248	\$2,301,027	\$2,242,470	\$2,243,517	\$2,388,544	\$11,467,806	\$46,611
General Administration (9% of subtotal)	\$206,302	\$207,092	\$201,822	\$201,917	\$214,969	\$1,032,103	N/A
PROGRAM TOTAL	\$2,498,550	\$2,508,119	\$2,444,292	\$2,445,434	\$2,603,513	\$12,499,908	\$0
Other Resources (In-Kind Funds)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

INSTRUCTIONS: This summary page provides a five-year overview (FY 22-26) of proposed funding and actual cumulative spending which includes the **non-trustee agency** and **trustee agency worksheets**. **The formulas reference the cells in the non-trustee agency and trustee agency worksheets and should automatically populate. Please make sure the totals given are correct.** The column titled 'Actual Cumulative' will be updated each fiscal year and included in the annual report (include information on the total amount actually spent for all completed years of the project). On the Project Annual Report Form, if any line item exceeds a 10% deviation from the originally proposed amount; provide detail regarding the reason for the deviation.

COMMENTS: Category "other" not included in EVOSTC but exists for project budgets. Moved to closest EVOSTC budget category. January billing period pending final closure.

Design protocols for Scientists in the Community			X	X	X	X														
Publish Applications for Scientists in the Community						X				X				X					X	
Application Reviews				X			X			X				X					X	
Administer/Mentor visits			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Cultural & Communication Learning Opportunities																				
Formative & development eval of competency needs			X	X	X	X	X	X	X	X	X	X								
Alaska Native Relations Capstone Course, annual						X				X				X					X	
Alaska Native Relations Short Course, quarterly			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Build & deliver ongoing, complementary offerings		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Intern Institute																				
Develop curricula & schedules with partners		X	X	X	X	X		X	X	X		X	X	X		X	X	X		X
Recruit participants with local partners		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Implement 5-week course						X	X			X	X			X	X				X	X
Post-institute follow-up with interns & partners								X	X				X	X			X	X		
Community Science & Outreach Resources																				
ASLC, ASG, AMAR, CACS, CRRC, PWSSC build five-year outreach products plan with EVOSTC-funded projects				X	X	X	X	X												
ASLC, ASG, AMAR, CACS, CRRC, PWSSC develop and deliver annual programs, products, and exhibits			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ASLC, ASG, AMAR, CACS, CRRC, PWSSC install kiosk stations at 6+ sites.			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

ASLC, ASG, AMAR, CACS, CRRC, PWSSC develop video library for kiosks, updated quarterly.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ASG designs & builds Data Viz App with contractor			X	X	X	X														
Data Viz App dissemination & training							X	X	X	X			X	X			X	X		
Data Viz App: Data verification												X	X			X	X			X
Assess additional data streams to incorporate into Data Viz App																	X	X	X	X
COMPASS Curriculum design			X	X	X	X	X													
COMPASS pilot school projects								X	X	X	X	X	X	X	X	X	X	X	X	X
Data analysis & review of COMPASS								X	X	X	X	X	X	X	X	X	X	X	X	X
Dissemination of best practices and outreach products from COMPASS											X				X					X
Build sustainability plans with COMPASS participants				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Reporting																				
Annual reports (due Mar1)				C				X				X					X			
FY work plan			C				X				X				X					
5-year review																	X			
Deliverables																				
Evaluation Plan		X	X	X	X															
Evaluation Summaries				X				X				X					X			
CORaL Network Website				X	X															
Community Sharing schedule and agendas			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Suite of communication, social science, and native relations learning opportunities – formats and specific outcomes TBD, reported annually				X				X				X					X			

5-week Intern Institute program						X	X			X	X			X	X			X	X	
ASLC, ASG, AMAR, CACS, CRRC, PWSSC outreach products (curricula, distance learning sessions, podcasts, etc.)				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Network of kiosks across the region & video library				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Data Visualization App for Community Science			X	X	X	X	X													
COMPASS Community Science model for schools			X	X	X	X	X													