# FY21 EVOSTC NEW PROJECT PROPOSAL

***Proposals requesting FY21 funding are due to*** [***shiway.wang@alaska.gov***](mailto:shiway.wang@alaska.gov) ***and*** [***elise.hsieh@alaska.gov***](mailto:elise.hsieh@alaska.gov) ***by August 14, 2020. Please note that the information in your proposal and budget form will be used for funding review. Late proposals, revisions or corrections may not be accepted. We may make inquiries regarding the project and proposer(s), including consulting with agencies or other parties that may be interested in this work. Please indicate below if your proposal contains confidential information. Page limit is 15 pages (not including sections 8 and 9).***

Does this proposal contain confidential information? Yes No

**Project Number\* and Title**

*\*Number will be assigned by EVOSTC office.*

Text

**Primary Investigator(s) and Affiliation(s)**

Text

**Date Proposal Submitted**

Text

**Project Abstract**

*The abstract should provide a brief overview of the overall goals and hypotheses of the project and provide sufficient information for a summary review as this is the text that will be used in the public work plan and may be relied upon by the PAC and other parties.*

Text

**EVOSTC Funding Requested\* *(must include 9% GA)***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **FY21** | **FY22** | **FY23** | **FY24** | **FY25** | **TOTAL** |
|  |  |  |  |  |  |

**Non-EVOSTC Funds to be used, please include source and amount per source:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **FY21** | **FY22** | **FY23** | **FY24** | **FY25** | **TOTAL** |
|  |  |  |  |  |  |

*\*If the amount requested here does not match the amount on the budget form, the request on the budget form will considered to be correct.*

1. **PROJECT EXECUTIVE SUMMARY**

*Please provide a summary of the project including key hypotheses and overall goals. Describe the background and history of the problem. Include a scientific literature review that covers the most significant previous work history related to the project. Include* [*which injured resources and services*](http://www.evostc.state.ak.us/index.cfm?FA=status.injured) *will be studied and describe how these affected resources, services and ecosystems will benefit from this project.*

Text

1. **PROJECT HISTORY**

*Is this a new or continuing project? If continuing, please describe the history of the project and what has been accomplished to date. Please include any references to products (i.e., publications, reports, and websites).*

Text

1. **PROJECT DESIGN**

**A. Objectives**

*List the objectives of the proposed research and briefly state why the intended research is important. If your proposed project builds on recent work, provide detail on why the data set needs to be continued and whether any changes are proposed. If the proposed project is for new work, explain why the new data is needed.*

Text

**B. Procedural and Scientific Methods**

*For each objective listed in A. above, identify the specific methods that will be used to meet the objective. In describing the methods for collection and analysis, identify measurements to be made and the anticipated precision and accuracy of each measurement and describe the sampling equipment in a manner that permits an assessment of the anticipated raw-data quality.*

*If applicable, discuss alternative methods considered, and explain why the proposed methods were chosen. In addition, projects that will involve the lethal collection of birds or mammals must comply with the EVOSTC’s policy on collections, available on our* [*website*](http://www.evostc.state.ak.us/index.cfm?FA=policies.home)*.*

Text

**C. Data Analysis and Statistical Methods**

*Describe the process for analyzing data. Discuss the means by which the measurements to be taken could be compared with historical observations or with regions that are thought to have similar ecosystems. Describe the statistical power of the proposed sampling program for detecting a significant change in numbers. To the extent that the variation to be expected in the response variable(s) is known or can be approximated, proposals should demonstrate that the sample sizes and sampling times (for dynamic processes) are of sufficient power or robustness to adequately test the hypotheses. For environmental measurements, what is the measurement error associated with the devices and approaches to be used?*

Text

**D. Description of Study Area**

*Where will the project be undertaken? Describe the study area, including maps and figures, if applicable, decimally-coded latitude and longitude readings of sampling locations or the bounding coordinates of the sampling region (e.g., 60.8233, -147.1029, 60.4739, -147.7309 for the north, east, south and west bounding coordinates).*

Text

1. **COORDINATION AND COLLABORATION**

**A. Within an EVOSTC Funded Program**

*Provide a list and clearly describe the functional and operational relationships with the other EVOSTC-funded Program (Herring Research and Monitoring, Gulf Watch Alaska and Data Management Programs). This includes any coordination that has taken or will take place and what form the coordination will take (project guidance, shared field sites or researchers, research platforms, sample collection, data management, equipment purchases, etc.).*

Gulf Watch Alaska

Text

Herring Research and Monitoring

Text

Data Management

Text

**B. With Other EVOSTC-funded Projects**

*Indicate how your proposed project relates to, complements, or includes collaborative efforts with other proposed or existing projects funded by the EVOSTC that are not part of an EVOSTC-funded program.*

Text

**C. With Trustee or Management Agencies**

*Please discuss if there are any areas which may support EVOSTC trust or other agency work or which have received EVOSTC trust or other agency feedback or direction, including the contact name of the agency staff. Please include specific information as to how the subject area may assist EVOSTC trust or other agency work.*

*If the proposed project requires or includes collaboration with other agencies, organizations, or scientists to accomplish the work, such arrangements should be fully explained, and the names of agency or organization representatives involved in the project should be provided. If your proposal is in conflict with another project or program, note this and explain why.*

Text

**D. With Native and Local Communities**

*Provide a detailed plan for any local and native community involvement in the project.*

Text

1. **DELIVERABLES**

*List and describe expected products that will come from this project.* *Deliverables include but are not limited to papers, reports, recordings, films, websites, presentations, data and metadata. Project PI(s) will be responsible for all deliverables unless otherwise noted below.*

Text

1. **PROJECT STATUS OF SCHEDULED ACCOMPLISHMENTS**

*Milestones are annual steps to meet overall project objectives.*

*Tasks are annual steps to meet milestones (for example, sample collection, data analysis, manuscript submittal, etc.)*

*Deliverables are products that will be produced from the project (see section 5 above).*

*For each milestone, task, and deliverable listed, specify by each quarter of each year these will be accomplished.*

*For multi-year projects, reviewers will use this information in conjunction with annual project reports to assess whether the project is meeting its objectives and is suitable for continued funding.*

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Project milestone and task progress by fiscal year and quarter, beginning February 1, 2017. Yellow highlight indicates proposed fiscal year Work Plan. Fiscal Year Quarters: 1= Feb. 1-April 30; 2= May 1-July 31; 3= Aug. 1-Oct. 31; 4= Nov. 1-Jan 31. | | | | | | | | | | | | | | | | | | | | |
|  | **FY21** | | | | **FY22** | | | | **FY23** | | | | **FY24** | | | | **FY25** | | | |
| **Milestone/**Task | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| **Milestone** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Task |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Task |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Milestone** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Task |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Task |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Reporting** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Annual reports |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FY work plan |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Final report |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Deliverables** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Peer reviewed paper 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Data posted online |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

1. **Budget**

**Budget Forms (Attach)**

*Please provide completed budget forms. Please note that costs associated with international travel for meetings, symposia, or presentations will not be considered for funding. Costs associated with outreach or education efforts shall not exceed 2% of the total project budget (before including the 9% GA).*

**Sources of Additional Funding**

*Identify non-EVOSTC funds or in-kind contributions used as cost-share for the work in this proposal. List the amount of funds, the source of funds, and the purpose for which the funds will be used. Do not include funds that are not directly and specifically related to the work being proposed in this proposal.* *Please attach documentation from additional project funding sources which confirms and describes matching funds, including date(s) the matching funds are/will be authorized.*

Text

1. **Literature Cited**

*Provide literature cited in the proposal.*

Text

1. **Project Personnel**

*The CV’s of all Principal Investigators and other senior personnel involved in the proposal must be provided. Each resume is limited to two consecutively numbered pages and must include the following information:*

*• A list of professional and academic credentials, mailing address, and other contact information (including e-mail address)*

*• A list of up your most recent publications most closely related to the proposed project and up to five other significant publications. Do not include additional lists of publications, lectures, etc.*

*• A list of all persons (including their organizational affiliations) in alphabetical order with whom you have collaborated on a project or publication within the last four years. If there have been no collaborators, this should be indicated.*

Text