

# REQUEST FOR PROPOSALS INDIGENOUS SCIENCE TRACK



## University of Hawai'i Sea Grant College Program 2026-2028 Biennial Competitive Research Cycle

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For this competitive research cycle there are four research tracks. Details for the Indigenous Science track are included here. *Please note that the Indigenous science track has different eligibility, evaluation, and selection criteria* from the other tracks. You can find more detail on the Island Sustainability and Resilience, Aquaculture, and Contaminants of Emerging Concern tracks [HERE](#).

### OVERVIEW

Hawai'i Sea Grant is one of 34 Sea Grant Programs dedicated to improved understanding and stewardship of the nation's marine and coastal resources. Created by Congress in 1966, the National Sea Grant College Program comprises a network of more than 300 participating institutions, drawing on the talents of over 3,000 scientists, engineers, educators, students, and outreach specialists nationwide.

Hawai'i Sea Grant supports a multidisciplinary, integrated program of applied research, outreach, and education addressing marine and coastal issues of public concern. Information generated by Hawai'i Sea Grant-funded research reaches interested parties through Hawai'i Sea Grant extension, education, and communications activities in Hawai'i and the Pacific region and via the national network.

The Indigenous Science funding track was developed through the [Hawai'i Sea Grant Ulana 'Ike Center of Excellence](#) (Ulana 'Ike). Ulana 'Ike works to ensure that customary practitioners from multiple knowledge systems have decision-making power and direct co-management of coastal and marine resources. **Please note that the Indigenous Science track has different eligibility requirements, evaluation and selection criteria, and proposal requirements than the other tracks. Details for the Indigenous Science track are outlined in this document.**

### INDIGENOUS SCIENCE

Many funding opportunities exist to support research initiatives that integrate Indigenous knowledge and Western science. A majority of these efforts are led by academic institutions that engage Indigenous communities in varying degrees of participation, ranging from consultation to equitable co-production (David-Chavez 2018, Bohensky and Maru 2011). Knowledge production in these contexts attempts to integrate Indigenous knowledge and perspectives into existing Western research frameworks (Daniel 2019, Nadasdy 1999). While recognizing the value of

partnership across Western and Indigenous sciences, this funding opportunity seeks to shift the focus, and center Indigenous methodologies, protocols, and values in research.

**With this intention in mind, Hawai'i Sea Grant will support between 3 and 6 projects in the Indigenous Science track, each in the \$25,000 to \$50,000 range for a funding term of two years.**

#### *Defining Indigenous Science in the Context of this Opportunity*

Indigenous science seeks to investigate the natural world and ensure that the knowledge generated promotes the flourishing of community health, livelihood, vibrancy, and self-determination (Cajete 2000, Whyte et al. 2016, Wolfgramm 2018). Indigenous science typically employs a kinship view (Whyte et al. 2016) that relies on multigenerational knowledge and genealogical connection to place. The practice of Indigenous science requires continuous and multiple engagements with communities and is often co-created with the people and places with whom research takes place (TallBear 2014).

## **GOALS and FOCUS AREAS**

To promote Indigenous science in Hawai'i and across the U.S.-Affiliated Pacific Islands (USAPI), this funding opportunity seeks projects that support three primary goals: (1) Resource Stewardship, (2) Community Governance, and (3) Strengthening Cultural Practices. Projects should incorporate Indigenous methodologies and the intersectionality of both cultural and ecological concerns.

Projects should also address one or more of the following Hawai'i Sea Grant Focus Areas. Each of the focus areas include example questions of interest. These examples are not intended to be prescriptive but suggestive of elements appropriate to [Hawai'i Sea Grant's mission](#).

### **Healthy Coastal Ecosystems**

Projects that restore or perpetuate **Native Hawaiian/Pacific Islander stewardship practices**.

#### Example questions of interest:

- How are freshwater resources required for place-based restoration impacted by climate change?
- How does restoration that spans an [ahupua'a](#) and includes both [mauka](#) and [makai](#) ecosystems improve overall outcomes observed in each ecosystem?
- How do manifestations of [Kanaloa](#), Taaroa, and other oceanic deities serve as descriptions of changing natural cycles?
- What are successful strategies for co-management of coastal fisheries?

### **Resilient Communities and Economies**

Projects that **promote abundance through sustainable relationships** between [kanaka](#) and ['āina](#) under changing natural cycles.

Example questions of interest:

- Which [akua](#) are appropriate to connect to natural phenomena related to contemporary climate change?
- How does the restoration of cultural practice promote community economic resilience in the face of climate change impacts?
- How can we better understand and measure the contributions of coastal subsistence lifeways to local economic and ecological systems?
- What frameworks allow for fully community-led coastal adaptation planning?
- Which methods of cultivating [kalo](#) effectively account for increased temperatures and changing water availability?
- What [mele](#) or [hula](#) could be developed to record changing natural cycles and conditions?

## Environmental Literacy and Workforce Development

Projects that foster **intergenerational transfer of knowledge** and skills.

Example questions of interest:

- How do Hawaiian language newspaper translations related to specific places and [akua](#) inform our understanding of relationships between kanaka and 'āina?
- How can [mo'olelo](#) be recorded to document information about the process and impact of contemporary restoration activities?
- How does implementing place-based education affect student learning of STEM concepts?

## Sustainable Fisheries and Aquaculture

Projects that support **food sovereignty** with a particular focus on marine resources.

Example questions of interest:

- What are the impacts of higher storm frequencies on fish recruitment and maturation within [loko i'a](#)?
- How do changing coastlines and coastal erosion impact [limu](#) harvesting practices and outcomes?
- What are production models for loko i'a that support economic autonomy and are consistent with Hawaiian stewardship values?
- What are the impacts of biocultural restoration—both within loko i'a and the broader ahupua'a—on i'a abundance?

## ELIGIBILITY

- Project leads must be from a nonprofit organization in Hawai'i or the USAPI.
- Projects may be carried out independently or in collaboration with academic researchers from partner institutions.
- The project team should include at least one land steward or cultural practitioner who can advance Indigenous science and practice.

If you have any questions about eligibility, please don't hesitate to contact:  
[uhsg.ulanaike@hawaii.edu](mailto:uhsg.ulanaike@hawaii.edu).

## EVALUATION AND SELECTION CRITERIA

Hawai'i Sea Grant personnel do not choose which proposals to fund. Proposals are peer-reviewed by three subject matter experts and then refereed by an expert Indigenous Science Panel. Results from the Indigenous Science Panel and the availability of funding then determine which and how many proposals are recommended for funding. Reviewers and panelists are chosen for their areas of expertise and use the criteria listed below for inclusive evaluation of proposals. Reviewers and panelists will be free from conflict of interest and will be provided with bias management training opportunities.

Each criterion is given equal weight during review to produce a score for the overall value of the proposal. Reviewers will provide written comments for criteria 1-5. In addition, reviewers will also provide comments on the overall value of the proposal addressing questions that include: *What is the overall merit of the proposed work? Are there any concerns about funding the proposed project or suggestions for improvements?*

1. Scientific merit

*Does the project represent core aspects of Pacific Islands Indigenous science, including an approach to the natural world that centers stewardship and caretaking? To what degree will the project apply Indigenous science methods and protocols?*

2. Relevance to Hawai'i Sea Grant's mission and RFP priorities

*Does the proposed work support one or more focus areas? Does the proposed work support one or more of the three listed goals (i.e., 1. Resource Stewardship; 2. Community Governance, and 3. Strengthening Cultural Practices)?*

3. Data Management

*Does the proposal include a clear plan for managing and sharing data? Are there sufficient protections for Indigenous knowledge and sensitive information?*

4. Qualifications of the Project Team

*Is the project team well-qualified to implement the project? Does the project team include at least one land steward or cultural practitioner?*

5. Benefit to Hawai'i or the Pacific Islands

*What is the importance of this work for Hawai'i and/or the Pacific region? To what degree does the project contribute to long-term efforts to perpetuate the health, sustainability, and resilience of 'āina and community?*

## KNOWLEDGE SOVEREIGNTY

Hawai'i Sea Grant prioritizes supporting Indigenous scholars, practitioners, and communities in retaining agency and governance over products deriving from their work, in keeping with established best practices such as the [CARE Principles for Indigenous Data Governance](#). Hawai'i Sea Grant will work with project leads to promote appropriate protection of Indigenous knowledge and cultural protocols while also supporting project leads in efforts to disseminate outputs appropriately and meet federal reporting requirements. Funding from this opportunity

comes from NOAA and as a result projects will need to comply with [NOAA's Data Sharing Directive](#). Data accessibility may be waived or delayed, if necessary, by negotiation with funding recipients on a case-by-case basis.

## APPLICATION PROCEDURE

### ***Statement of Interest***

Interested groups should submit a 1-2 page Statement of Interest by **March 7, 2025 (5:00 PM HST)** either via email to [uhsg.ulanaike@hawaii.edu](mailto:uhsg.ulanaike@hawaii.edu) or via [Google Forms](#). Project details do not need to be finalized at this point. The statement of interest helps Hawai'i Sea Grant gain a broad understanding of the number and types of proposals planned for submission. Between the Statement of Interest and Full Proposal stages, all Project Leads will have the opportunity to participate in informational webinars and proposal development workshops. **All applicants, regardless of whether or not they have submitted a Statement of Interest, are eligible to submit a Full Proposal.**

### ***Full Proposal submission***

A Full Proposal is due via email to [uhsg.ulanaike@hawaii.edu](mailto:uhsg.ulanaike@hawaii.edu) by **June 6, 2025 (5:00 PM HST)**. Applicants must submit a proposal narrative (5 pages or less), project team qualifications, budget, and budget narrative to be considered for review (see appendices for required materials and template documents). When your proposal is ready for submission please email all completed proposal components to [uhsg.ulanaike@hawaii.edu](mailto:uhsg.ulanaike@hawaii.edu). You will receive an email confirming receipt of your proposal within 48 hours of your submission.

## PROPOSAL SUBMISSION TIMELINE

RFP milestone	Date
Application period begins	January 13, 2025
Informational webinar on RFP opportunity	February 4, 10, and 20, 2025
Proposal development webinars	April 22, May 13, and May 29, 2025
Statement of Interest due	March 7, 2025 at 5:00 PM HST
Full Proposal due	June 6, 2025 at 5:00 PM HST
Projects recommended for funding	August 2025
Earliest anticipated project start	February 2026

### ***Projects recommended for funding***

Applicants who are recommended for funding will be contacted in late January 2026.

### **Anticipated start of projects and funding**

Pending approval from the National Sea Grant Office and the congressional budget, funding for projects recommended for funding will begin February 1, 2026 and end January 31, 2028.

### **Support for proposal submission**

To support applicants through the proposal submission process, Hawai'i Sea Grant will provide a number of services including the following.

- **Informational Webinars** on the RFP will be held via Zoom. Registration for each webinar is linked below, and can also be found at [PacifiIslandsIndigenousScience.com](https://PacifiIslandsIndigenousScience.com).
  - [February 4, 2025 at 12:00 PM \(HST\)](#)
  - [February 10, 2025 at 3:00 PM \(HST\)](#)
  - [February 20, 2025 at 5:30 PM \(HST\)](#)
- **Workshops** will offer support with proposal development in a group setting via Zoom. Topics may include designing a budget, identifying match, and drafting project objectives/outputs. Registration linked below.
  - [April 22, 2025 at 12:00 PM \(HST\)](#)
  - [May 13, 2025 at 5:30 PM \(HST\)](#)
  - [May 29, 2025 at 12:00 PM \(HST\)](#)
- **Office Hours** will be available to answer questions and provide additional support to applicants in-person or virtually. During office hours, staff from Hawai'i Sea Grant will work one-on-one with applicants. To schedule one-on-one office hours, email [uhsg.ulanaike@hawaii.edu](mailto:uhsg.ulanaike@hawaii.edu).

Attendance is not a requirement of the application process. Informational Webinars will be recorded and posted at [PacifiIslandsIndigenousScience.com](https://PacifiIslandsIndigenousScience.com).

### **Required non-federal match**

A 63% non-federal match is required for all funds requested from Hawai'i Sea Grant. For example, a project requesting \$10,000 in funding from Hawai'i Sea Grant would need to provide \$6,300 in non-federal match. Match can be in-kind (such as in the form of staff time or volunteer hours).

### **Data management plan**

A data management plan must be included as part of the full proposal. This should include details on what data will be collected through the project, how the data will be stored, how data will be shared, and planned protections for Indigenous knowledge and any sensitive information collected.

### **Federal/University of Hawai'i requirements**

To receive funding, successful applicants will need to meet the University of Hawai'i subaward recipient requirements. This includes obtaining approval(s) from the following as applicable: 1) Use of Human Subjects (outreach projects, surveys, etc.); 2) Use of Vertebrate Animals (Institutional Animal Care and Use Committee [IACUC]); 3) Health and Safety (compressed gas diving, radioactive material, importation of microorganisms; use of recombinant DNA); and 4)

Relevant state and federal permits for all field activities. Depending on the nature of the activity proposed, other approvals and certifications may also be applicable. Non-UH entities will be responsible for applicable federal assurances. Proposals that are selected and recommended for funding will also need to complete the Abbreviated Environmental Compliance Questionnaire.

## REFERENCES

- Bohensky, Erin, and Maru Yiheyis. "Indigenous Knowledge, Science, and Resilience: What Have We Learned from a Decade of International Literature on 'Integration'?" *Ecology and Society*, vol. 16, no. 4, Dec. 2011, <https://www.jstor.org/stable/26268978>.
- Cajete, G. *Native Science: Natural Laws of Interdependence*. Clear Light Publishers
- Daniel, R. "Understanding Our Environment Requires an Indigenous Worldview." *Eos*, 5 Dec. 2019, <https://eos.org/opinions/understanding-our-environment-requires-an-indigenous-worldview>.
- David-Chavez, Dominique. "A Global Assessment of Indigenous Community Engagement in Climate Research." *Environmental Research Letters*, vol. 13, no. 12, Dec. 2018.
- Nadasdy, Paul. "The Politics of TEK: Power and the 'Integration' of Knowledge." *Arctic Anthropology*, vol. 36, 1999.
- TallBear, K. (2014). Standing with and speaking as faith: A feminist-indigenous approach to inquiry. *Journal of Research Practice*, 10(2), N17–N17.
- Whyte, Kyle Powys, Brewer, Joseph P. II, and Johnson, Jay T. "Weaving Indigenous science, protocols, and sustainability science." *Sustainability Science*, vol. 11, 2016.
- Wolfgramm-Rolfe, R., Spiller, M., Houkamau, C., & Henare, M. (2018). Home: Resistance, Resilience, and Innovation in Māori Economies of Well-Being. *Traditional Ecological Knowledge: Learning from Indigenous Practices for Environmental Sustainability*.
- Wilson, Shawn. *Research is Ceremony: Indigenous Research Methods*. Fernwood Publishing, 2008.

## APPENDICES

- [Appendix A: Statement of Interest Form](#)
- [Appendix B: Full Proposal Narrative Template](#)
- [Appendix C: Budget Guidelines](#)
- [Appendix D: Example Budget](#)
- [Appendix E: Example Budget Justification](#)

## APPENDIX A: STATEMENT OF INTEREST FORM

Submission deadline March 7, 2025 at 5:00 PM HST  
May be emailed to [uhsg.ulanaike@hawaii.edu](mailto:uhsg.ulanaike@hawaii.edu) in word or PDF format  
OR submitted via [Google Forms](#)

### Project Point of Contact

Name:

Email:

Phone:

### Organization(s) Submitting

What is the lead organization submitting the proposal? (The project lead must be a nonprofit organization operating in Hawai'i or the U.S.-Affiliated Pacific Islands.)

Are there any partner organizations identified at this time? If yes, please list them here.

### Project Description

Please provide a brief 1-2 paragraph description of the project. Project details do not need to be firm at this stage, preliminary plans are fine.

### Proposal Development

What forms of information and support would be most useful to you in proposal development?  
(select all that apply)

- How to develop a budget
- How to identify match funding
- Drafting project objectives
- Drafting project outcomes
- We do not need any additional support in developing this proposal
- Other:



### Demographic Question (Optional)

*Note: The National Sea Grant Office requires the question below to be asked, but your response is completely voluntary. If you prefer not to answer you can leave it blank.*

Do you identify with any of the following groups that the federal government, in Executive Order 13985, has identified as underserved? Check all that apply.

- Latino
- Black
- Indigenous and/or Native American
- Asian American
- Pacific Islander
- Other person of color
- Members of religious minorities
- Lesbian, gay, bisexual, transgender, and queer (LGBTQ+) persons
- Persons with disabilities
- Persons who live in rural areas
- Persons otherwise adversely affected by persistent poverty or inequality
- No, I do not identify with any of these groups

## APPENDIX B: FULL PROPOSAL NARRATIVE TEMPLATE

Submission deadline June 6, 2025 at 5:00 PM HST

Submit via email to [uhsg.ulanaike@hawaii.edu](mailto:uhsg.ulanaike@hawaii.edu)

SHADED AREAS ARE EXPLANATORY NOTES ONLY—PLEASE DELETE SHADED AREAS  
The proposal narrative should be 5 pages or less including tables, figures, and images. Project team qualifications, budget, and budget narrative are separate from this 5 page limit.

**TITLE:** Enter the title of your project here.

**PROJECT LEAD:** Who will be primarily responsible for project management and outputs? Please include the name, title, and organization of the project lead. The project lead must be from a nonprofit organization in Hawai'i or the U.S.-Affiliated Pacific Islands.

**PROJECT TEAM:** Who will be working with the project lead to carry out the proposed activities?

**PROJECT CONTEXT:** Provide the background on why this project is needed. What problem or opportunity will this project help to address? What is the place-based element of the project? What 'āina will the project focus on or take place in? What is the relationship between the project team and this 'āina? Which of the Sea Grant Focus Areas does this project relate to (i.e., Healthy Coastal Ecosystems, Resilient Communities and Economies, Sustainable Fisheries and Aquaculture, and Environmental Literacy and Workforce Development)?

**GOALS & OBJECTIVES:** Describe the overall goal and objectives of your project. How do your project goals and objectives relate to the broader goals of (1) Resource Stewardship; (2) Community Governance; and (3) Strengthening Cultural Practice?

**METHODS:** Describe the methods, practices, and activities you will use to achieve the project goals and objectives.

**OUTCOMES:** What are the outcomes or outputs of your project? How will you measure and track project outcomes? How will your project contribute to the long-term health of your community and 'āina? How will your project support 'āina-based stewards and/or cultural practitioners? How will your project advance Indigenous science and practice?

**DATA MANAGEMENT PLAN:** What data will be collected through this project? How will it be stored? Who will it be shared with and how will it be shared? How will you implement appropriate protections for Indigenous knowledge and any sensitive information collected?

**PROJECT TEAM QUALIFICATIONS** (not included in the 5 page limit)

Describe the skills, experience, and relationships that each member of the project team will bring to this effort. In particular, please provide detail on any experience or expertise related to Indigenous practice, protocols, and methodology that team members bring (for example kilo, mo'olelo, growing and harvesting Indigenous foods). You may include resumes here but it is not required.

## APPENDIX C: BUDGET GUIDELINES

The following guidelines are to be used in completing your budget and budget justification. The budget justification should explain each line item for both the direct and matching budgets. **A 63% non-federal match is required for all funds requested** to meet the match requirement for the total of the award and associated indirect costs. For example, a project requesting \$10,000 in funding from Hawai'i Sea Grant would need to provide \$6,300 in non-federal matching funds. Match can be in-kind, for example in the form of staff time or volunteer hours. Please refer to the [budget guidance provided by the US Department of Commerce](#).

1. Salaries and Wages
  - a. List all staff positions by title and include the name of the person in each position (if known).
  - b. Provide the annual salary, the number of months the individual will work on the project, the percentage of their time the individual will dedicate to the project (number of months divided by twelve), and the total cost for the project period.
  - c. State if any positions are vacant at the time, and if so, the anticipated hire date.
  - d. Provide a description of each position (including vacant positions) and how they will contribute to the project.
2. Fringe benefits
  - a. Identify the percentage used by each personnel's employer to determine fringe benefits.
3. Travel
  - a. Any travel support requested should represent travel costs associated with conducting the proposed activities. Describe the purpose of travel and how it relates to the scope of work.
  - b. Include the breakdown of costs (airfare, per diem, transportation, estimated number of trips, number of travelers, etc.) in the budget justification for each type of travel (air, ground, etc.).
4. Permanent Equipment
  - a. Permanent equipment is considered more permanent and longer lasting than supplies, which are used up quickly. Permanent equipment is tangible, non-expendable personal property having a useful life of more than one year, and costing \$5,000 or more per item. Items of less than \$5,000 should be listed under "Expendable Supplies and Equipment."
  - b. Describe the costs and types of equipment needed. Please include a brief justification within the Budget Justification for any permanent equipment requested.
5. Expendable Materials & Supplies
  - a. This category includes items less than \$5,000 and expendable supplies.
  - b. Briefly describe and justify the expendable supplies and materials requested in the Budget Justification. If requesting computer items, be sure to include

additional information explaining the need for and dedicated use of the item for this project.

6. Other Costs

- a. Any other expenses should be listed here, including payments for expert consultants, honoraria, participant support costs, and venue fees.
- b. If you are including volunteer time to meet the non-federal match requirement, list it here. To calculate the value of match volunteer hours, use the rate of \$33.49 per hour from the [2024 Report on the Value of Volunteer Time](#).

7. Indirect Costs

- a. Include detail on your organization's indirect cost rate. If your organization does not have a federally negotiated indirect cost agreement, you can apply the default rate of 15%. Indicate which costs are applicable and not applicable to indirect costs.

## APPENDIX D: EXAMPLE BUDGET

YEAR 1

SALARIES & WAGES					
Position	Annual Salary	No. of Months	% of time	Requested Funds	Matching Funds
Executive Director, Matthew Kaneshiro	\$66,000	1.00	8%		\$5,500
‘Ōlelo Hawai‘i Specialist, Maile Aquino	\$42,000	1.00	8%	\$3,500	
<b>Total Salaries and Wages</b>				\$ 3,500	\$ 5,500
FRINGE					
Position(same as above)	Fringe rate (%)		Requested Funds		Matching Funds
Executive Director, Matthew Kaneshiro	25%				\$1,375
‘Ōlelo Hawai‘i Specialist, Maile Aquino	25%		\$875		
<b>Total Fringe</b>				\$875	\$ 1,375
TRAVEL					
Expense				Requested Funds	Matching Funds
Airfare for inter-island travel				\$ 2,200	
Rental cars				\$400	
<b>Total Travel</b>				\$ 2,600	\$0
PERMANENT EQUIPMENT					
Expense				Requested Funds	Matching Funds
<b>Total Permanent Equipment</b>				\$0	\$0
EXPENDABLE MATERIALS & SUPPLIES					
Expense				Requested Funds	Matching Funds
Stream flow sensor				\$3,500	
<b>Total Expendable Supplies &amp; Equipment</b>				\$3,500	\$ 0
OTHER COSTS (including consultants, venue fees, participant supports, etc)					
Expense				Requested Funds	Matching Funds
Stipends for workshop participants				\$2,200	
Workshop Venue				\$500	
Consultant: GIS Expert				\$2,000	
Volunteer Hours (2024 Federal Estimated Rate \$33.49/hour)					\$3,349
Printing				\$1,500	
<b>Total Other Costs</b>				\$ 6,200	\$3,349

<b>TOTAL COSTS YEAR 1</b>		
Year 1 Direct Costs Subject to Indirect Cost Charges	\$16,675	\$10,224
Year 1 Indirect Costs ( <i>Indirect Cost Rate: 15%</i> )	\$2,501	
<b>Year 1 Total Requested Funds and Total Match Funds</b>	<b>\$19,176</b>	<b>\$10,224</b>

## YEAR 2

<b>SALARIES &amp; WAGES</b>					
Personnel Name	Annual Salary	No. of Months	% of time	Requested Funds	Matching Funds
Executive Director, Matthew Kaneshiro	\$66,000	1.5	12.5%		\$8,250
‘Ōlelo Hawai‘i Specialist, Maile Aquino	\$42,000	1	8%	\$3,500	
‘Āina Education Specialist, Kawika Santos	\$48,000	1	8%	\$4,000	
<b>Total Salaries and Wages</b>				<b>\$ 7,500</b>	<b>\$8,250</b>
<b>FRINGE</b>					
Personnel Name (same as above)	Fringe rate (%)			Requested Funds	Matching Funds
Executive Director, Matthew Kaneshiro	25%				\$2,063
‘Ōlelo Hawai‘i Specialist, Maile Aquino	25%			\$875	
‘Āina Education Specialist, Kawika Santos	25%			\$1,000	
<b>Total Fringe</b>				<b>\$1,875</b>	<b>\$ 2,063</b>
<b>TRAVEL</b>					
Expense				Requested Funds	Matching Funds
Airfare for inter-island travel				\$ 2,200	
Rental cars				\$400	
<b>Total Travel</b>				<b>\$ 2,600</b>	<b>\$0</b>
<b>PERMANENT EQUIPMENT</b>					
Expense				Requested Funds	Matching Funds
<b>Total Permanent Equipment</b>				<b>\$0</b>	<b>\$0</b>
<b>EXPENDABLE MATERIALS &amp; SUPPLIES</b>					
Expense				Requested Funds	Matching Funds
<b>Total Expendable Supplies &amp; Equipment</b>				<b>\$0</b>	<b>\$ 0</b>

<b>OTHER COSTS (including consultants, venue fees, participant supports, etc)</b>		
<b>Expense</b>	<b>Requested Funds</b>	<b>Matching Funds</b>
Workshop Venue Rental	\$500	
Porta Potty Rental	\$3,000	
Stipends for workshop participants	\$2,200	
Volunteer Hours (2024 Federal Estimated Rate \$33.49/hour)		\$5,023
<b>Total Other Costs</b>	<b>\$ 5,7000</b>	<b>\$5,023</b>
<b>TOTAL COSTS YEAR 2</b>		
Year 2 Direct Costs Subject to Indirect Cost Charges	\$17,675	\$15,336
Year 2 Indirect Costs ( <i>Indirect Cost Rate: 15%</i> )	\$ 2,651	
<b>Year 2 Total Requested Funds and Total Match Funds</b>	<b>\$20,326</b>	<b>\$15,336</b>

**TOTAL PROJECT COSTS (YEAR 1 + YEAR 2)**

Grand Total Direct Costs Subject to Indirect Cost Charges (Year 1 + Year 2)	\$ 34,350	\$25,560
Grand Total Indirect Costs ( <i>Indirect Cost Rate: 15%</i> )	\$ 5,152	
<b>Grand Total Requested Funds and Total Match Funds (Year 1+ Year 2)</b>	<b>\$39,502</b>	<b>\$25,560</b>

## APPENDIX E: EXAMPLE BUDGET JUSTIFICATION

### YEAR 1

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#### **SALARIES & WAGES**

We request funds for Maile Aquino, an 'Ōlelo Hawai'i Specialist. She will conduct research and translation work on mo'olelo of the area related to streams, springs, and freshwater flows. Maile Aquino will provide 1 month of effort for a total of \$3,500 in year 1 of the project.

#### **FRINGE BENEFITS**

We request \$875 for fringe benefits for the 'Ōlelo Hawai'i Specialist at a rate of 25%.

#### **TRAVEL**

##### ***Domestic***

'Āina restoration specialists will travel to O'ahu for a day-long workshop focused on mapping historic freshwater flows in the places they steward. We request \$2,200 for air-fare estimating \$200 per flight for 11 'āina restoration specialists coming from Maui, Moloka'i, and Kaua'i. We are requesting \$400 for four rental cars (\$100/day x 1 day x 4 cars).

#### **PERMANENT EQUIPMENT**

None requested.

#### **EXPENDABLE MATERIALS AND SUPPLIES**

We request \$3,500 for sensors to monitor stream flow.

#### **OTHER COSTS**

We request \$2,200 for stipends for workshop participants (\$200 per participant x 11 participants). We request \$500 for workshop venue fees. We request \$2,000 for a GIS expert consultant to support community based mapping of springs and fresh water flows. We request \$1,500 for printing costs to print large scale maps and posters for outreach and engagement as well as workshop activities.

#### **MATCHING FUNDS**

Effort equivalent to \$5,500 in salary and \$1,375 in fringe will be provided by the Executive Director, Matthew Kaneshiro, from non-federal funds from the non-profit Mālama Wahi. Matthew Kaneshiro will direct the overall operation of the project, oversee the implementation of project activities, coordinate with partners, and be responsible for overall project reporting. Matthew Kaneshiro will provide 1 month of effort in year 1. 100 volunteer hours for stream restoration and monitoring effort will be contributed to the project for non-federal match (100 hours x \$33.49/hour = \$3,349). A monetary value for match volunteer hours is estimated using the rate from the [2024 Report on the Value of Volunteer Time](#).

#### **YEAR 1 COSTS**

Year 1 Direct Costs: \$16,675

Year 1 Indirect Costs: \$2,501

**Year 1 Funds Requested (Indirect + Direct Costs): \$19,176**

**Year 1 Matching Funds: \$10,224**



## YEAR 2

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### **SALARIES & WAGES**

We request funds for Maile Aquino, an 'Ōlelo Hawai'i Specialist. She will conduct research and translation work using nupepa resources for information related to streams, springs, and freshwater flows. Maile Aquino will provide 1 month of effort for a total of \$3,500 in year 2 of the project. We request funds for Kawika Santos, an 'Āina Education Specialist. He will develop educational curricula related to historic and contemporary aquifer and stream flows in Hawai'i to be implemented by partnering high schools. Kawika Santos will provide 1 month of effort for a total of \$4,000 in year 2 of the project.

### **FRINGE BENEFITS**

We request \$875 for fringe benefits for Maile Aquino, 'Ōlelo Hawai'i Specialist and \$1,000 for Kawika Santos, 'Āina Education Specialist at a rate of 25%.

### **TRAVEL**

#### ***Domestic***

'Āina restoration specialists will travel to O'ahu for a day-long workshop focused on climate adaptation planning and restoration of freshwater resources in their places. We request \$2,200 for air-fare estimating \$200 per flight for 11 'āina restoration specialists coming from Maui, Moloka'i, and Kaua'i. We are requesting \$400 for four rental cars (\$100/day x 1 day x 4 cars).

### **PERMANENT EQUIPMENT**

None requested.

### **EXPENDABLE MATERIALS AND SUPPLIES**

None requested.

### **OTHER COSTS**

We request \$2,200 for stipends for workshop participants (\$200 per participant x 11 participants). We request \$500 for workshop venue fees. We request \$3,000 for porta potty rentals to support additional waste management needs for workshops and student field trips at the site.

### **MATCHING FUNDS**

Effort equivalent to \$8,250 in salary and \$2,063 in fringe will be provided by the Executive Director, Matthew Kaneshiro, from non-federal funds from the non-profit Mālama Wahi. Matthew Kaneshiro will direct the overall operation of the project, oversee the implementation of project activities, coordinate with partners, and be responsible for overall project reporting. This position relates to all program objectives. Matthew Kaneshiro will provide 1.5 months of effort in year 2. 100 volunteer hours for stream restoration and monitoring efforts and 50 volunteer hours for leading student field trips and education will be contributed to the project for non-federal match (150 hours x \$33.49/hour = \$5,023). A monetary value for match volunteer hours is estimated using the rate from the [2024 Report on the Value of Volunteer Time](#).

### **YEAR 2 COSTS**

Year 2 Direct Costs: \$17,675

Year 2 Indirect Costs: \$2,651

**Year 2 Funds Requested (Indirect + Direct Costs): \$20,326**

**Year 2 Matching Funds: \$15,336**

### **TOTAL PROJECT COSTS**

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Total Direct Costs (Year 1 + Year 2): \$34,350

Total Indirect Costs (Year 1 + Year 2): \$5,152

**Total Funds Requested (Indirect + Direct Costs): \$39,502**

**Total Matching Funds: \$25,560**