

House District(s) 17, 18, 19,
20

**THE TWENTY-NINTH LEGISLATURE
APPLICATION FOR GRANTS
CHAPTER 42F, HAWAII REVISED STATUTES**

Log No: _____

Senate District(s) 9, 10, 25

For Legislature's Use Only

Type of Grant Request:

GRANT REQUEST – OPERATING

GRANT REQUEST – CAPITAL

"Grant" means an award of state funds by the legislature, by an appropriation to a specified recipient, to support the activities of the recipient and permit the community to benefit from those activities.

"Recipient" means any organization or person receiving a grant.

STATE DEPARTMENT OR AGENCY RELATED TO THIS REQUEST (LEAVE BLANK IF UNKNOWN): _____

STATE PROGRAM I.D. NO. (LEAVE BLANK IF UNKNOWN): _____

1. APPLICANT INFORMATION:

Legal Name of Requesting Organization or Individual:
Malama Maunaloa

Db/a: _____

Street Address: (same as below) _____

Mailing Address:

7192 Kalaniana'ole Hwy
Suite A143A
Honolulu, HI 96825

2. CONTACT PERSON FOR MATTERS INVOLVING THIS APPLICATION:

Name DOUG HARPER

Title Executive Director

Phone # 808.285.7509

Fax # N/A

E-mail dharper@malamamaunaloa.org

3. TYPE OF BUSINESS ENTITY:

- NON PROFIT CORPORATION INCORPORATED IN HAWAII
- FOR PROFIT CORPORATION INCORPORATED IN HAWAII
- LIMITED LIABILITY COMPANY
- SOLE PROPRIETORSHIP/INDIVIDUAL
- OTHER

6. DESCRIPTIVE TITLE OF APPLICANT'S REQUEST:

AN INTEGRATED AND COMPREHENSIVE REGIONAL MANAGEMENT PLAN FOR MAUNALUA

4. FEDERAL TAX ID #: [REDACTED]

5. STATE TAX ID #: [REDACTED]

7. AMOUNT OF STATE FUNDS REQUESTED:

FISCAL YEAR 2019: \$ 145,884

8. STATUS OF SERVICE DESCRIBED IN THIS REQUEST:

- NEW SERVICE (PRESENTLY DOES NOT EXIST)
- EXISTING SERVICE (PRESENTLY IN OPERATION)

SPECIFY THE AMOUNT BY SOURCES OF FUNDS AVAILABLE AT THE TIME OF THIS REQUEST:

STATE \$ 0

FEDERAL \$ 0

COUNTY \$ 0

PRIVATE/OTHER \$ 0

TYPE NAME & TITLE OF AUTHORIZED REPRESENTATIVE:

DOUG HARPER, EXECUTIVE DIRECTOR
NAME & TITLE

1/17/18
DATE SIGNED

JAN 18 2018 *PO A:50AM*

Application for Grants

Please check the box when item/section has been completed. If any item is not applicable to the request, the applicant should enter "not applicable".

I. Background and Summary

This section shall clearly and concisely summarize and highlight the contents of the request in such a way as to provide the State Legislature with a broad understanding of the request. Please include the following:

1. A brief description of the applicant's background;
2. The goals and objectives related to the request;
3. The public purpose and need to be served;
4. Describe the target population to be served; and
5. Describe the geographic coverage.

II. Service Summary and Outcomes

The Service Summary shall include a detailed discussion of the applicant's approach to the request. The applicant shall clearly and concisely specify the results, outcomes, and measures of effectiveness from this request. The applicant shall:

1. Describe the scope of work, tasks and responsibilities;
2. Provide a projected annual timeline for accomplishing the results or outcomes of the service;
3. Describe its quality assurance and evaluation plans for the request. Specify how the applicant plans to monitor, evaluate, and improve their results; and
4. List the measure(s) of effectiveness that will be reported to the State agency through which grant funds are appropriated (the expending agency). The measure(s) will provide a standard and objective way for the State to assess the program's achievement or accomplishment. Please note that if the level of appropriation differs from the amount included in this application that the measure(s) of effectiveness will need to be updated and transmitted to the expending agency.

III. Financial

Budget

1. The applicant shall submit a budget utilizing the enclosed budget forms as applicable, to detail the cost of the request.
 - a. Budget request by source of funds ([Link](#))
 - b. Personnel salaries and wages ([Link](#))
 - c. Equipment and motor vehicles ([Link](#))
 - d. Capital project details ([Link](#))
 - e. Government contracts, grants, and grants in aid ([Link](#))
2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2019.

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
32,996	32,996	39,946	39,946	145,884

3. The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2019.
4. The applicant shall provide a listing of all state and federal tax credits it has been granted within the prior three years. Additionally, the applicant shall provide a listing of all state and federal tax credits they have applied for or anticipate applying for pertaining to any capital project, if applicable.
5. The applicant shall provide a listing of all federal, state, and county government contracts, grants, and grants in aid it has been granted within the prior three years and will be receiving for fiscal year 2019 for program funding.
6. The applicant shall provide the balance of its unrestricted current assets as of December 31, 2017.

IV. Experience and Capability

1. **Necessary Skills and Experience**

The applicant shall demonstrate that it has the necessary skills, abilities, knowledge of, and experience relating to the request. State your experience and appropriateness for providing the service proposed in this application. The applicant shall also provide a listing of verifiable experience of related projects or contracts for the most recent three years that are pertinent to the request.

2. **Facilities**

The applicant shall provide a description of its facilities and demonstrate its adequacy in relation to the request. If facilities are not presently available, describe plans to secure facilities.

V. Personnel: Project Organization and Staffing

1. Proposed Staffing, Staff Qualifications, Supervision and Training

The applicant shall describe the proposed staffing pattern and proposed service capacity appropriate for the viability of the request. The applicant shall provide the qualifications and experience of personnel for the request and shall describe its ability to supervise, train and provide administrative direction relative to the request.

2. Organization Chart

The applicant shall illustrate the position of each staff and line of responsibility/supervision. If the request is part of a large, multi-purpose organization, include an organization chart that illustrates the placement of this request.

3. Compensation

The applicant shall provide the annual salaries paid by the applicant to the three highest paid officers, directors, or employees of the organization by position.

VI. Other

1. Litigation

The applicant shall disclose any pending litigation to which they are a party, including the disclosure of any outstanding judgement. If applicable, please explain.

2. Licensure or Accreditation

The applicant shall specify any special qualifications, including but not limited to licensure or accreditation that the applicant possesses relevant to this request.

3. Private Educational Institutions

The applicant shall specify whether the grant will be used to support or benefit a sectarian or non-sectarian private educational institution. Please see Article X, Section 1, of the State Constitution for the relevance of this question.

4. Future Sustainability Plan

The applicant shall provide a plan for sustaining after fiscal year 2018-19 the activity funded by the grant if the grant of this application is:

- (a) Received by the applicant for fiscal year 2018-19, but
- (b) Not received by the applicant thereafter.

5. Certificate of Good Standing (If the Applicant is an Organization)

If the applicant is an organization, the applicant shall submit one (1) copy of a certificate of good standing from the Director of Commerce and Consumer Affairs that is dated no earlier than December 1, 2017.

6. Declaration Statement

The applicant shall submit a declaration statement affirming its compliance with Section 42F-103, Hawaii Revised Statutes. ([Link](#))

7. Public Purpose

The applicant shall specify whether the grant will be used for a public purpose pursuant to Section 42F-102, Hawaii Revised Statutes. ([Link](#))

**State of Hawaii Grant in Aid
2018-2019
Malama Maunalua**

Title: *An Integrated and Comprehensive Regional Management Plan for Maunalua*

I. Background and Summary:

1. A brief description of the applicants background;

Founded in 2006, Mālama Maunalua is a community-based non-profit restoring and conserving Maunalua Bay through community kuleana. Malama Maunalua engages the public, researchers, resource managers and academic institutions to address issues confronting the Bay, from resource extraction to watershed management. By building partnerships across sectors, Malama Maunalua improves collaboration, information sharing, and community engagement, ultimately leading to a healthier Maunalua Bay.

2. The goals and objectives related to the request

The goal of Malama Maunalua's project, an Integrated and Comprehensive Regional Management Plan for Maunalua (Integrated Plan), is to create unifying and clear guidance for conservation and planning in the East Honolulu watersheds that feed into Maunalua Bay. The objectives for drafting such a plan are:

- a. *Synthesize and identify gaps of existing management plans covering Maunalua watersheds.* The region has numerous plans in existence, including the Ocean Resource Management Plan, the East Honolulu Sustainable Communities Plan, Wailupe Watershed Plan, among others. Synthesizing those documents so there is a single, clear plan that residents, planners, and resource managers can follow will strengthen the value of each individual plan and better direct and coordinate actions.
- b. *Synthesize the state of scientific knowledge and identify key gaps for future research.* Numerous researchers and University programs have independently conducted work in Maunalua. To accurately utilize existing findings, and to effectively direct new studies, it is important to synthesize what we know about the health of the Maunalua watersheds and Bay. The project will compile and analyze our current state of knowledge and use that to identify gaps in knowledge critical to effective management.
- c. *Prioritize management and scientific needs.* Once the plans and research are synthesized and assessed for coverage, Malama Maunalua will hold a series of meetings with researchers and planners to determine what projects are of the highest priority to improve watershed health and minimize runoff into the Bay, effecting Bay health.
- d. *Draft an integrated management plan.* The previous objectives will inform a new management plan that will be flexible and constantly updated as new research and plans become available. The Integrated Plan will be the basis for improved management and serve as a guide for future research, mitigation, and planning. The Integrated Plan will closely follow Environmental Protection Agency and State of Hawaii Department of Health guidance and approval.

- e. *Draft a lessons learned document.* The process by which the Integrated Plan is undertaken will be documented to provide guidance for other communities and regions looking to undertake a similar process.
- f. *Conduct outreach and education on the integrated management plan:* The resulting plan will be explained and presented to partners, researchers, and managers so the content and purpose of the document are clearly understood and utilized.

3. The public purpose and need to be served

There are dwindling planning and mitigation-focused resources at a time when the public is increasing its engagement in planning and environmental management. It is therefore imperative that there be clear, easy to understand guidance directing research and mitigation so funding and time are not wasted. The State, City and County, and numerous researchers and research institutions have already committed significant resources towards understanding the health of the watersheds and providing planning and policy guidance. Unfortunately, much of the work is unconnected, limiting its impact and usefulness. By distilling and compiling everything into an easier to understand document, the work that has been undertaken will be more easily accessible for the public, resource managers, and researchers. Future efforts will therefore be better focused for maximum efficacy.

4. Describe the target population to be served;

The main population served will be those engaged in resource management and research. The Integrated Plan will focus their work on management related needs, thereby improving resource use and outcomes.

By improving and directing work in a more coordinated manner, the public will also be served as work will be more directly beneficial and tax dollars will be more efficiently spent. It will also help them understand what actions are needed and what they can do to help.

5. Describe the geographic coverage

The Integrated Plan will cover the watersheds that feed into Maunalua Bay, which is defined as Black Point to Portlock. These include the watersheds of Kamilo Iki, Kamilo Nui, Niu, Kuliouou, Portlock, Wailupe, and Waialae Nui.

II. Service Summary and Outcomes

1. Describe the scope of work, tasks, and responsibilities:

Malama Maunalua will lead the drafting of an Integrated and Comprehensive Regional Management Plan for Maunalua. The tasks and responsibilities are as follows:

Objective 1: Synthesize and identify gaps of existing management plans covering Maunalua watersheds.

- a) *Task: Compile and review existing plans.* Malama Maunalua will compile existing and active management plans that cover Maunalua watersheds. To achieve this, Malama Maunalua will conduct online research and meet with resource managers active in Maunalua Bay watersheds, such as the Office of Planning and the Department of Health (DOH), to obtain documents.

- **Responsibility:** The MM Director of Science and Planning (DSP) will lead this effort in conjunction with support from MM's Executive Director (ED).
- b) **Task: 'Cross-walk' key management plan points:** Review and summarize the documents looking for overlaps, conflicts, and management gaps. The focus will be on reviewing actionable recommendations from the plans while summarizing policy guidance.
 - **Responsibility:** The MM DSP will lead this effort in conjunction with support from MM's ED.

Objective 2: Synthesize the state of scientific knowledge and identify key gaps for future research.

- a) **Task: Compile scientific research.** Malama Maunalua will compile existing scientific research conducted in Maunalua or has relevance to Maunalua (e.g. a study on streams conducted in Maui but applicable to Maunalua streams). To achieve this, Malama Maunalua will conduct online research and meet with experts active in Maunalua Bay and Hawai'i.
 - **Responsibility:** The MM DSP will lead this effort in conjunction with support from MM's ED.
- b) **Task: Synthesize the state of the science:** MM will assess the existing research to determine the state of knowledge of Maunalua watersheds – specifically what areas have the greatest impact on the health of Maunalua Bay and nearby terrestrial ecosystems. The DSP will hold a series of workshops with leading researchers to confirm the assessment and to identify key gaps of information, taking special care to document what studies are required to obtain missing information.
 - a. **Responsibility:** MM's DSP will lead this effort.

Objective 3: Prioritize management and scientific research needs

- a) **Task: Link to existing management plans:** The compiled research will be compared to the management plan 'cross-walk' (Obj. 1b.) document to determine what proposed actions and policies have sufficient scientific support to implement and which do not.
 - **Responsibility:** The MM DSP will lead this effort in conjunction with support from MM's ED.
- b) **Task: Review existing management plan and scientific research gaps to determine the key missing research and management needs:** The DSP will review the coverage of existing research and management plans and determine where the most significant gaps exist. Once those gaps are identified, the DSP will prioritize which are the most important for understanding the health of the watersheds, their impact on Maunalua Bay, and for directing mitigation activities.
 - **Responsibility:** The MM DSP will lead this effort in conjunction with support from MM's ED.
- c) **Task: Hold workshops to verify research and management prioritization.** Once the management plans and research are synthesized and compared, MM will convene workshops with research experts to determine what mitigation activities are of the highest priority to improve watershed health and to minimize runoff into the Bay (e.g. reforestation of higher importance to reduce sedimentation than stream reconfiguration).
 - **Responsibility:** The MM DSP will lead this effort in conjunction with support from MM's ED.

Objective 4: Draft the Integrated Plan

- a) **Task: Create EPA and DOH compliant format:** The Environmental Protection Agency (EPA) and DOH approve watershed management plans so they are eligible for EPA and DOH support – be it technical or financial. Malama Maunalua will review the plans that have been accepted and create a format to ensure that information fits the requirements of both EPA and DOH. Therefore, the Integrated Plan can be approved by both agencies and open up resources for mitigation.
 - **Responsibilities:** MM’s DSP will oversee and lead the tasks. The ED will assist as appropriate and necessary.
- b) **Task: Draft the integrated management plan:** Compile the science and management plan assessments into the framework described in Objective 4, Task a. Special attention will be paid to detailing mitigation and research steps needing to be undertaken.
 - **Responsibility:** The MM DSP will lead this effort in conjunction with support from MM’s ED.
- c) **Task: Hold workshops to verify draft Integrated Plan:** Workshops will be held with key researchers and managers to verify that the Integrated Plan meets what they consider to be the highest priorities. Changes will be made based on a general group consensus.
 - **Responsibility:** The MM DSP will lead this effort in conjunction with support from MM’s ED.

Objective 5: Draft a lessons learned document

- a) **Task: Evaluate and document lessons learned.** Throughout the process of drafting the Plan, the drafting team will constantly assess what is working and not working to create a lessons learned document. This will be achieved by the DSP, ED, and Communications and Outreach Coordinator (Outreach Coordinator) meeting to review successes and failures every month and speaking with partners to assess the direction of the process.
 - **Responsibility:** The MM Outreach Coordinator will lead this effort in conjunction with support from MM’s DSP and ED.
- b) **Task: Hold partner meeting to gather lessons learned:** Similarly, at the conclusion of the drafting of the Plan, MM will sit down with key partners who participated in the drafting process to gather their assessment of how it worked and to review the draft lessons learned document.
 - **Responsibility:** The MM Outreach Coordinator will lead this effort in conjunction with support from MM’s DSP and ED.

Objective 6: Conduct outreach and education on the Integrated Plan

- a) **Task: Hold outreach and education meetings on the Integrated Plan:** MM will attend regional planning meetings, such as the Ocean Resource Management Plan monthly meetings, and set up meetings with management and research partners to detail the contents of the Integrated Plan.
 - **Responsibility:** The MM Outreach Coordinator will lead this effort in conjunction with support from MM’s ED and DSP.
- b) **Task: Share the document via social media and relevant document repositories:** The Plan will be placed on the MM website and shared through its social media

accounts. It will also be placed on websites associated with partners and the State to reach a larger audience.

- **Responsibility:** The MM Outreach Coordinator will lead this effort.

Goal: An Integrated and Comprehensive Regional Management Plan in Maunalua to establish unifying and clear guidance for conservation and planning in the East Honolulu watersheds that feed into Maunalua Bay			
Objective 1: Synthesize existing management plans			
Tasks:	Responsible Party	Start Date	End Date
<i>Compile and review existing plans</i>	Lead: Director of Science and Planning	Month 1	Month 2
<i>'Cross-walk' key management plan points</i>	Lead: Director of Science and Planning	Month 3	Month 6
Objective 2: Synthesize scientific research			
Tasks:	Responsible Party	Start Date	End Date
<i>Compile scientific research</i>	Lead: Director of Science and Planning	Month 1	Month 2
<i>Synthesize the state of the science</i>	Lead: Director of Science and Planning	Month 3	Month 4
Objective 3: Prioritize management and science needs			
Tasks:	Responsible Party	Start Date	End Date
<i>Link to existing management plans</i>	Lead: Director of Science and Planning	Month 4	Month 5
<i>Review existing management plan and scientific research gaps to determine the key missing research and management needs</i>	Lead: Director of Science and Planning	Month 6	Month 7
<i>Hold workshops to verify research and management prioritization</i>	Lead: Director of Science and Planning	Month 7	Month 8
Objective 4: Draft an integrated management plan			
Tasks:	Responsible Party	Start Date	End Date
<i>Create EPA and DOH compliant format</i>	Lead: Director of Science and Planning	Month 1	Month 3
<i>Draft the integrated management plan</i>	Lead: Director of Science and Planning	Month 8	Month 9
<i>Hold workshops to verify draft Integrated Plan</i>	Lead: Director of Science and Planning	Month 10	Month 11
Objective 5: Draft a lessons learned document			
Tasks:	Responsible Party	Start Date	End Date

<i>Evaluate and document lessons learned</i>	Lead: Outreach Coordinator	Month 8	Month 11
<i>Hold partner meeting to gather lessons learned</i>	Lead: Outreach Coordinator	Month 11	Month 11
Objective 6: Conduct outreach and education on the integrated management plan			
Tasks:	Responsible Party	Start Date	End Date
<i>Hold outreach and education meetings on the Integrated Plan</i>	Lead: Outreach Coordinator	Month 11	Month 12
<i>Share the document via social media and relevant document repositories</i>	Lead: Outreach Coordinator	Month 12	Month 12

2. Provide a projected annual timeline for accomplishing the results or outcomes of the service;

The projected timeline of tasks:

Tasks:	Objective	Start Date	End Date
<i>Compile and review existing management plans</i>	1	Month 1	Month 2
<i>Compile scientific research</i>	2	Month 1	Month 2
<i>Create EPA and DOH compliant format</i>	4	Month 1	Month 3
<i>'Cross-walk' key management plan points</i>	1	Month 3	Month 6
<i>Synthesize the state of the science</i>	2	Month 3	Month 4
<i>Link to existing management plans</i>	3	Month 4	Month 5
<i>Review existing management plan and scientific research gaps to determine the key missing research and management</i>	3	Month 6	Month 7
<i>Hold workshops to verify research and management prioritization</i>	3	Month 7	Month 8
<i>Draft the integrated management plan</i>	4	Month 8	Month 9
<i>Evaluate and document lessons learned</i>	5	Month 8	Month 11
<i>Hold workshops to verify draft integrated management plan</i>	4	Month 10	Month 11
<i>Hold partner meeting to gather lessons learned</i>	5	Month 11	Month 11
<i>Hold outreach and education meetings on the Integrated Plan</i>	6	Month 11	Month 12
<i>Share the document via social media and relevant document repositories</i>	6	Month 12	Month 12

3. Describe its quality assurance and evaluation plans for the request. Specify how the applicant plans to monitor, evaluate, and improve their results.

The tasks of the Outreach Coordinator and the Director of Science and Planning will be reviewed and overseen by Malama Maunaloa's Executive Director. In-person reviews will take place on at least a monthly timeframe.

In addition, the Malama Maunaloa Board of Directors will be informed of all activities on a monthly basis. The Board consists of 8 leaders from the community and will serve as a second level of quality assurance and evaluation.

Finally, workshops held will include a review of the process with leading managers and researchers to assess that the work is being undertaken in an accurate and effective manner.

In each case, recommendations for improvements will be made as necessary. The Executive Director will then follow-up to ensure they are implemented as intended to ensure an overall high-level of quality.

4. **List the measures of effectiveness that will be reported to the State agency through which grant funds are appropriated (the expending agency). The measure(s) will provide a standard and objective way for the State to assess the program's achievement or accomplishment. Please note that if the level of appropriation differs from the amount included in this application that the measure(s) of effectiveness will need to be updated and transmitted to the expending agency.**

The measures of effectiveness include:

Month 1-4

- Document detailing key components of EPA and DOH watershed plans;

Month 5-8

- Synthesis document of existing scientific research;
- Synthesis document of existing management plans;
- Document identifying research and management gaps;
- 1 workshop held of Maunaloa-relevant researchers to review synthesis document of scientific research;
- 1 workshop held of Maunaloa managers to review cross-walk document of management plans;

Month 9-12

- 1 draft version of the management plan;
- 1 workshop with researchers and managers to review integrated management plan;
- 1 final version of the management plan;
- 1 lessons learned document;
- 3 meetings with key partners to share results.

III. Financial

Budget

1. The applicant shall submit a budget utilizing the enclosed budget forms as applicable to detail the cost of the request:

See Attached for:

- a) Budget request by source of funds;
- b) Personnel salaries and wages;
- c) Equipment and motor vehicles;
- d) Capital project details;
- e) Government contracts, grants and grants in aid.

2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2019

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant:
\$32,996	\$32,996	\$39,946	\$39,946	\$145,884

c) The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2019.

- 2019 City and County Grant in Aid;
- Kamehameha Schools Community Investment Grant;
- Disney Conservation Grant;
- National Oceanic and Atmospheric Administration Bay Watershed Education and Training Grant

d) The applicant shall provide a listing of all state and federal tax credits it has been granted within the prior three years. Additionally, the applicant shall provide a listing of all state and federal tax credits they have applied for or anticipate applying for pertaining to any capital project, if applicable.

Malama Maunalua is a 501(c)(3) non-profit and therefore does not receive state or federal tax credits.

e) The applicant shall provide a listing of all federal, state, and county government contracts, grants, and grants in aid it has been granted within the prior three years and will be receiving for fiscal year 2019 for program funding.

- Restoring Maunalua Bay with Community Service Learning and Science, CT-DCS-1800041
- Community Kuleana: Building the next generation stewards for our oceans, CT-DCS-1500381

f) The applicant shall provide the balance of its unrestricted current assets as of December 31, 2017.

- As a 501(c)(3) non-profit, Malama Maunalua does not have any unrestricted assets.

IV. Experience and Capability

1. Necessary Skills and Experience

Malama Maunalua has been addressing the science and management of Maunalua Bay and its watersheds since 2006. Since its inception, it has had numerous successes and achievements, including:

- MM has created an on-line database for scientific and management documents related to Maunalua Bay. It is a first of its kind for the Bay.
- MM creates hands-on restoration opportunities for over 2,000 volunteers annually. In 2017, there were over 7,000 volunteer hours dedicated to restoration efforts in the Bay. Furthermore, core volunteers spend an average of 500 hours a year monitoring the worksites and updating the data for the Habitat Restoration Program.
- MM has made significant progress at maintaining IAA at one of the three most highly infested areas in the Bay, 28 acres of nearshore habitat at Paiko Beach, through monthly large-scale community restoration events. Research shows that the removal of the IAA allows for the sediment to flow to the open ocean, thereby promoting the return of native algae and seagrass.
- In 2009-2011, MM and The Nature Conservancy were awarded a \$3.4-million NOAA grant to implement large-scale removal of invasive alien algae in Maunalua Bay. This was one of approximately 50 awards out of 800 proposals in the country. The project met all of its objectives on time and on budget. As a result of this project's success, NOAA awarded MM the Environmental Heroes Award.
- In 2012, MM was awarded the one of only 46 (and the only award in Hawaii) Urban Waters grants by the Environmental Protection Agency to install major demonstrations of best practices run-off reduction methods at Koko Head District Park (in partnership with the City & County of Honolulu Departments of Urban Forestry and Environmental Services) and at Koko Marina Shopping Center.
- In 2009-2010, MM was awarded and implemented a grant from the Hawaii Department of Health to develop a plan for the Wailupe Watershed.
- MM has been recognized for our work, including C&C Good Neighbor Award and the Betty Crocker Award.
- MM has managed multiple grants awarded by the Hawaii Community Foundation, including the Wallace Alexander Gerbode Foundation, Harold K.L. Castle Foundation, and the Atherton Family Foundation among others.
- MM has over 7 years of experience in leading community invasive algae removal, such as proposed in this Grant Activity. In addition, MM has developed and implemented maintenance and monitoring protocols to produce meaningful science regarding the effectiveness of the program.
- MM is viewed as a leader in the community on decisions involving the Bay. Our staff is involved with numerous regional committees including Scenic Highways, PaCIOOs advisory group, Hawaii Conservation Alliance Watershed Snapshot, Maunalua Recreational Advisory Council, plus attends neighborhood board meetings and others gatherings as needed.
- MM is strong partners with groups and academia in the region, including Hui Nalu, Polynesian Voyaging Society, Livable Hawaii Kai Hui, Hawaii Kai Chamber of Commerce, Fishpond Heritage Center, Division of Aquatic Resources, Hawaii Pacific

University, Kapioloni Community College, University of Hawaii, National Oceanic and Atmospheric Institute, Conservation International, and the Nature Conservancy.

2. Facilities

Malama Maunalua will not require any facilities for the implementation of this project. Where space is needed for meetings or workshops, MM will work with partners to secure available space. MM is in the process of securing office space with the Honolulu Waldorf School, which may provide space for community meetings and workshops. But in any event, MM will rely on partner conference rooms as it has done successfully in the past.

MM also has a storage unit in Hawaii Kai and one at the Thompson residence in Niu Valley should they be needed.

V. Personnel: Project Organization and Staffing

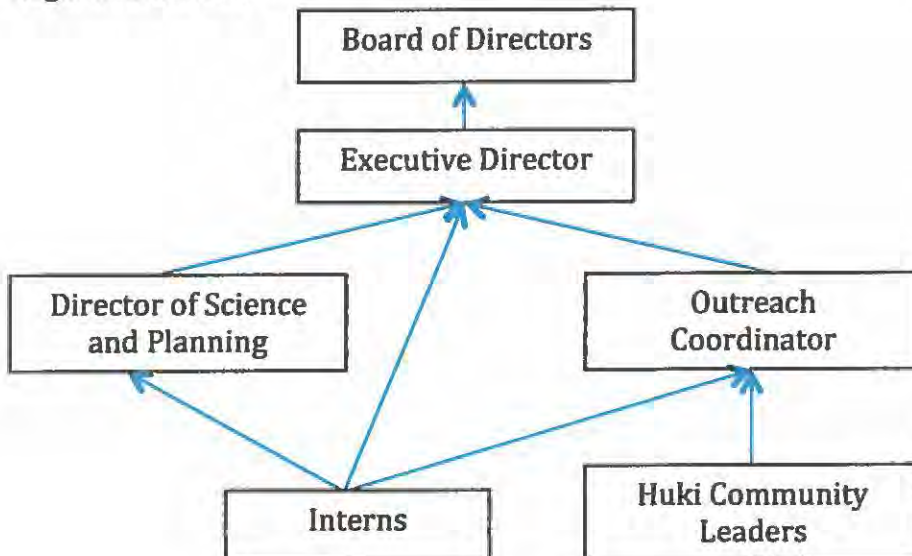
1. Proposed Staffing, Staff Qualifications, Supervision and Training

Oversight of the project will be undertaken by the Board of Directors. The Board, through monthly meetings with the Executive Director, will provide quality assurances to ensure that the project is on-time, on budget, and meeting its objectives.

Further, the Executive Director will be the direct project manager overseeing the actions of the Outreach Coordinator and the Director of Science and Planning (DSP). The ED will meet monthly, at a minimum, with the staff to assess progress and challenges, make modifications as necessary to successfully implement the project, and keep the Board informed.

The ED and the DSP are both already on staff and have a track record of successes. Their Curricula Vitae are attached. The position of Outreach Coordinator is currently being advertised by MM and will be on board by the start of the State GIA.

2. Organization Chart



The Executive Director, Director of Science and Planning, and the Outreach Coordinator will all receive funding from the State GIA. The Board is unpaid and the interns and Huki Community Leaders are unpaid or will be working on issues separate from the project proposed for this GIA.

3. Compensation

The highest paid employees of MM are:

- Executive Director: \$94,000
- Director of Science and Planning: \$67,360 (she works part-time)

As mentioned, the Outreach Coordinator has not yet been hired.

VI. Other

1. Litigation

There is no active or pending litigation against Malama Maunalua, its staff, or its Board of Directors.

2. Licensure or Accreditation

Not Applicable.

3. Private Educational Institutions

The grant will not be used to benefit a sectarian or non-sectarian private educational institution.

4. Future Sustainability Plan

The overwhelming majority of need for the project is the creation of the Integrated Plan. Following the completion of the Plan, which will be funded by the GIA, updates and use of the plan require minimal costs. Therefore, the Plan will be capable of being updated by Malama Maunalua (MM), or any one of its partners working in Maunalua, with little financial or personnel costs.

Further, MM has been in existence for over 10 years and plans on continuing to operate. Once the Plan is completed, MM will update and maintain the document as appropriate.

In sum, there is not a significant need for additional funding to create the Plan following the successful implementation of this project.

5. Certificate of Good Standing (If the Applicant is an Organization)

See attached.

6. Declaration Statement

The applicant shall submit a declaration statement affirming its compliance with Section 42F-103, Hawaii Revised Statutes. ([Link](#))

See Attached.

7. Public Purpose

The applicant shall specify whether the grant will be used for a public purpose pursuant to Section 42F-102, Hawaii Revised Statutes. ([Link](#))

The grant will be used for a public purpose, pursuant to Section 42F-102.

BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2018 to June 30, 2019

Appl

Malama Maunaloa

BUDGET CATEGORIES	Total State Funds Requested (a)	Total Federal Funds Requested (b)	Total County Funds Requested (c)	Total Private/Other Funds Requested (d)
A. PERSONNEL COST				
1. Salaries	106,270	0	0	0
2. Payroll Taxes & Assessments	20,021	0	0	0
3. Fringe Benefits	19,593	0	0	0
TOTAL PERSONNEL COST	145,884	0	0	0
B. OTHER CURRENT EXPENSES				
1. Airfare, Inter-Island				
2. Insurance				
3. Lease/Rental of Equipment				
4. Lease/Rental of Space				
5. Staff Training				
6. Supplies				
7. Telecommunication				
8. Utilities				
9				
10				
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19				
20				
TOTAL OTHER CURRENT EXPENSES				
C. EQUIPMENT PURCHASES				
D. MOTOR VEHICLE PURCHASES				
E. CAPITAL				
TOTAL (A+B+C+D+E)	145,884			
SOURCES OF FUNDING		Budget Prepared By:		
(a) Total State Funds Requested	145,884	Doug Harper	808.285.7509	
(b) Total Federal Funds Requested		[REDACTED]	Phone	
(c) Total County Funds Requested			1/12/18	
(d) Total Private/Other Funds Requested			Date	
TOTAL BUDGET	145,884	Doug Harper, Executive Director Name and Title (Please type or print)		

BUDGET JUSTIFICATION - PERSONNEL SALARIES AND WAGES

Period: July 1, 2018 to June 30, 2019

Applicant: Malama Maunalua

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
Executive Director	1	\$94,000.00	33.00%	\$ 31,020.00
Director of Science and Planning	1	\$87,000.00	75.00%	\$ 65,250.00
Education and Outreach Coordinator	1	\$50,000.00	20.00%	\$ 10,000.00
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL:				106,270.00

JUSTIFICATION/COMMENTS:

Keep in mind this is solely salary, and does not include taxes, fringe benefits, etc.

BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

Period: July 1, 2018 to June 30, 2019

Malama Maunaloa

DESCRIPTION EQUIPMENT	NO. OF ITEMS	COST PER ITEM	TOTAL COST	TOTAL BUDGETED
N/A			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
TOTAL:			\$ -	

ON/COMMENTS:

DESCRIPTION OF MOTOR VEHICLE	NO. OF VEHICLES	COST PER VEHICLE	TOTAL COST	TOTAL BUDGETED
N/A			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
TOTAL:			\$ -	

ON/COMMENTS:

BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS

Period: July 1, 2018 to June 30, 2019

Applicant: Malama Maunaloa

FUNDING AMOUNT REQUESTED						
TOTAL PROJECT COST	ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS		STATE FUNDS REQUESTED	OTHER SOURCES OF FUNDS REQUESTED	FUNDING REQUIRED IN SUCCEEDING YEARS	
	FY: 2016-2017	FY: 2017-2018	FY:2018-2019	FY:2018-2019	FY:2019-2020	FY:2020-2021
PLANS	N/A	N/A	N/A	N/A	N/A	N/A
LAND ACQUISITION	N/A	N/A	N/A	N/A	N/A	N/A
DESIGN	N/A	N/A	N/A	N/A	N/A	N/A
CONSTRUCTION	N/A	N/A	N/A	N/A	N/A	N/A
EQUIPMENT	N/A	N/A	N/A	N/A	N/A	N/A
TOTAL:						
JUSTIFICATION/COMMENTS:						

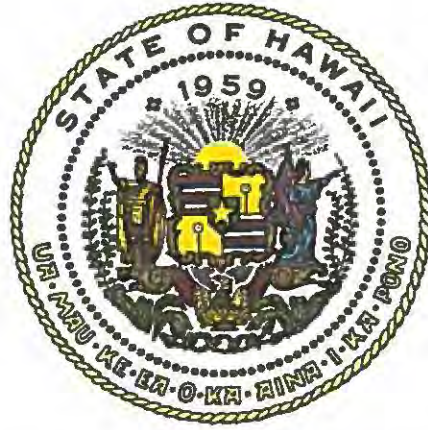
GOVERNMENT CONTRACTS, GRANTS, AND / OR GRANTS IN AID

App

Malama Maunaloa

Contracts Total: 111,394

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMENT ENTITY (U.S. / State / Haw / Hon / Kau / Mau)	CONTRACT VALUE
1	2018 City and County Grant in Aid	10/2017-9/2018	City and County of Honolulu	City and County of Honolulu	111,394
2					
3					
4					
5					
6					
7					
8					
9					
10					
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Department of Commerce and Consumer Affairs

CERTIFICATE OF GOOD STANDING

I, the undersigned Director of Commerce and Consumer Affairs of the State of Hawaii, do hereby certify that

MĀLAMA MAUNALUA

was incorporated under the laws of Hawaii on 03/31/2010 ; that it is an existing nonprofit corporation; and that, as far as the records of this Department reveal, has complied with all of the provisions of the Hawaii Nonprofit Corporations Act, regulating domestic nonprofit corporations.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Department of Commerce and Consumer Affairs, at Honolulu, Hawaii.

Dated: January 16, 2018

Director of Commerce and Consumer Affairs



**DECLARATION STATEMENT OF
APPLICANTS FOR GRANTS PURSUANT TO
CHAPTER 42F, HAWAII REVISIED STATUTES**

The undersigned authorized representative of the applicant certifies the following:

- 1) The applicant meets and will comply with all of the following standards for the award of grants pursuant to Section 42F-103, Hawaii Revised Statutes:
 - a) Is licensed or accredited, in accordance with federal, state, or county statutes, rules, or ordinances, to conduct the activities or provide the services for which a grant is awarded;
 - b) Complies with all applicable federal and state laws prohibiting discrimination against any person on the basis of race, color, national origin, religion, creed, sex, age, sexual orientation, or disability;
 - c) Agrees not to use state funds for entertainment or lobbying activities; and
 - d) Allows the state agency to which funds for the grant were appropriated for expenditure, legislative committees and their staff, and the auditor full access to their records, reports, files, and other related documents and information for purposes of monitoring, measuring the effectiveness, and ensuring the proper expenditure of the grant.
- 2) If the applicant is an organization, the applicant meets the following requirements pursuant to Section 42F-103, Hawaii Revised Statutes:
 - a) Is incorporated under the laws of the State; and
 - b) Has bylaws or policies that describe the manner in which the activities or services for which a grant is awarded shall be conducted or provided.
- 3) If the applicant is a non-profit organization, it meets the following requirements pursuant to Section 42F-103, Hawaii Revised Statutes:
 - a) Is determined and designated to be a non-profit organization by the Internal Revenue Service; and
 - b) Has a governing board whose members have no material conflict of interest and serve without compensation.

Pursuant to Section 42F-103, Hawaii Revised Statutes, for grants used for the acquisition of land, when the organization discontinues the activities or services on the land acquired for which the grant was awarded and disposes of the land in fee simple or by lease, the organization shall negotiate with the expending agency for a lump sum or installment repayment to the State of the amount of the grant used for the acquisition of the land.

Further, the undersigned authorized representative certifies that this statement is true and correct to the best of the applicant's knowledge.

Malama Maunalua
(Typed Name of Individual or Organization)



1/12/17
(Date)

Doug Harper Executive Director
(Typed Name) (Title)

DOUGLAS R. HARPER

3445 Edna Street • Honolulu, HI 96815 • (808) 285-7509 • Dharper@malamamaunalua.org

Executive Director, Malama Maunalua

Selected Qualification Highlights

- Over 20 years experience, 10 of which focused in the Pacific
- Technical and general background in Pacific climate change risk reduction
- Experience training and working on Coastal Management Spatial Planning
- Experienced trainer, meeting facilitator, and presenter
- Principles of planning for island biodiversity conservation
- Skilled in resource management problem solving

Selected Accomplishments

- **Project and Program Management**
 - Created numerous strategic planning documents, including for the American Samoan Coastal Management Program, NOAA's Coastal Storms Program, Sentinel Site Program, and Habitat Focus Area, and American Samoa Planning Division.
 - Coordinate NOAA's Sentinel Site Program's Hawai'i Cooperative. Organize and lead a team of federal, state, and community scientific and management organizations to address climate change and resilience in Hawai'i. Work includes prioritizing research and funding, identifying planning options, and translating the science to local managers.
 - Coordinate NOAA's Habitat Blueprint. Identify management solutions and scientific needs to address habitat degradation and climate change impacts in West Hawai'i and Guam. Identify solutions to hazard vulnerabilities and habitat degradation, especially as it relates to habitat impacts resulting from climate change.
 - Manage the President's Resilient Land and Waters Initiative. Partner with the Department of Interior and Environmental Protection Agency to identify key climate adaptation activities in Hawai'i on an ecosystem-wide scale.
 - Coordination – *Two Samoas Initiative*, helping manage natural resources for the entire Samoan Archipelago
- **Community Engagement**
 - Created and led a large multi-organizational and community-based climate change resilience planning effort;
 - Facilitated risk assessments for several Hawaiian and American Samoan communities;
 - Organized and led numerous community meetings

- Co-led the Pacific Resilience Forum, a web-based Pacific-focused series bringing together managers, researchers, and experts to share management lessons and science on planning related topics;
- Developed community-driven strategies for environmental and community resilience activities in the face of climate change impacts, hazard identification and assessment, and resource management
- **Legal and Policy**
 - Reviewed American Samoa marine use laws
 - Developed American Samoan regulatory recommendations for improved redevelopment post-2009 tsunami
 - Assisted with the legal filings of a court case protecting critical habitat in American Samoa
 - Reviewed and recommended changes to the American Samoa Coastal Management Program's code
 - Assisted with the revision of Hawaii's Ocean Resource Management Plan, Climate Change Policy, American Samoa's Rose Atoll Monument request and a process review of its permitting system
 - Drafted a policy white paper for NOAA's National Marine Sanctuaries Office on Bioprospecting
- **Planning/Management**
 - Served as a liaison to communities seeking advice on Coastal Marine Spatial Planning and was NOAA's Office for Coastal Management's point of contact on the subject;
 - Technical advisor to numerous Pacific communities as they draft, implement, and evaluate strategies for environmental and community resilience activities, especially when addressing climate change impacts.
 - Manage the President's Resilient Land and Waters Initiative. Partner with the Department of Interior and Environmental Protection Agency to identify key climate adaptation activities in Hawai'i on an ecosystem-wide scale.
 - Assisted in American Samoa's response to the earthquake and tsunami of 2009, including serving as the DOC point of contact with FEMA, leading the drafting and implementation of a wide-ranging redevelopment plan, and identifying adaptation practices to minimize community vulnerabilities;
 - Created a redevelopment plan and helped lead redevelopment efforts in American Samoa post-2009 tsunami;
 - Led training exercises in Hawai'i and Suncheon Bay, South Korea on Coastal Marine and Spatial Planning;
- **Scientific**
 - Led and participated in GPS-based and line-leveled elevation assessments in Hawai'i
 - Conducted scientific needs assessments on a host of issues, including flooding, coral resilience, erosion, and sea level rise;
 - Led a team to assess the ecological health of an American Samoan Lagoon;
 - Translate scientific principles and findings for use in management and community understanding;
 - Organized and led a multi-agency team that acquired LIDAR for Hawai'i Island.

Douglas R. Harper, 3445 Edna Street, Honolulu, HI 96815. dharper@malamamaunalua.org

Work History

- 2004-07 Coastal Management Specialist
Perot Systems/NOAA, Washington, D.C.
- 2007-08 Environmental Planner
American Samoa Government, Pago Pago, AS
- 2008-10 Territorial Planner
American Samoa Government, Pago Pago, AS
- 2010-2017 Senior Coastal Planning Specialist
The Baldwin Group/NOAA, Honolulu, HI
- 2016-Current Malama Maunalua
Executive Director, Honolulu, HI

Education and Training

- B.S. Environmental Studies University of Kansas, 1999
- M.A. Urban and Environmental Planning University of Kansas, 2002
- J.D. International and Environmental Law Emphasis University of Kansas School of Law, 2002
- Certified FEMA Trainer: Coastal Community Resilience, and Tsunami Awareness
 - Trainer in Coastal and Marine Spatial Planning
 - NOAA trained facilitator
 - Certified Open Water Diver
 - Member, American Planning Association
 - Member, Kansas Bar Association
 - Member, IUCN World Commission on Environmental Law

PAMELA A. WEIANT

808.927.0392 • pweiant@gmail.com • 5872 Haleola St, Honolulu, HI 96821

EDUCATION

UNIVERSITY OF CALIFORNIA – SANTA BARBARA, Santa Barbara, California

Ph.D., Interdepartmental Graduate Program in Marine Science, 2005

Thesis: A political ecology of marine protected areas: case of Cabo Pulmo National Park, Gulf of California, Mexico

YALE UNIVERSITY, New Haven, Connecticut

M.E.S., School of Forestry and Environmental Studies, 1996

Thesis: Defining meta-population dynamics of the West Indian Manatee (*Trichechus manatus*) in Florida

VASSAR COLLEGE, Poughkeepsie, New York

B.A., Geography, 1992 (Honors)

Thesis: The conflict within today's environmental movement: A study of PCB contamination of the Hudson River.

CONSERVATION PROFESSIONAL/RESEARCH EXPERIENCE

Mālama Maunalua / Marine Program Manager

2014 – Present

Honolulu, HI

Oversee the organization's marine strategies to align with the organization's priorities launched in 2014.

- Develop community-based planning strategy to engage the community of Maunalua Bay region to develop management recommendations for the conservation of Maunalua Bay.
- Provide scientific guidance to create appropriate management recommendation.
- Create the first repository of knowledge on science for Maunalua Bay in Excel and ArcGIS.
- Build partnerships by serving as point of contact on regional efforts including PACIOOS, Hawaii Conservation Alliance, Maunalua Bay Management Advisory Council.
- Build internal capacity by orchestrating volunteer and paid internships, and strengthening volunteer partnerships with schools and businesses.
- Participate in fundraising strategies including grant writing and reporting, and building relations with business with capacities to donate money.
- Routinely present at conferences, workshops and trainings, and special events.
- Attend professional development training and workshops on a regular basis.

Mālama Maunalua / Land-Based Program Manager

2012 – 2014

Honolulu, HI

Oversee the organization's community-based programs, with emphasis on the Pulama Wai Program that is focused on reducing the amount of land-based pollution to the ocean. Main duties include:

- Develop strategies to mobilize the community in East Oahu, including public and private elementary and high schools, local colleges and universities, clubs and associations, businesses, commercial centers, and neighborhoods.
- Oversee community restoration activities, including partner cultivation, pre-event planning, event support, and post-event wrap up.
- Develop and utilize scientific monitoring protocol to measure the effectiveness of our work.
- Oversee the development of MM's outreach and education initiatives, including the construction of curriculum to further MM's objectives at our partner schools and the organization's monthly newsletter.
- Network with partner agencies, organizations, and academic institutions to develop cutting-edge opportunities to further our mission.
- Assist with the grant writing, grant reporting, and strategic planning.
- Oversee a program of three FTE, 2-7 volunteers, and 25 core volunteer leaders.

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- Routinely present at conferences, workshops and trainings, and special events.
- Attend professional development training and workshops on a regular basis.

The Nature Conservancy - Hawai'i / Special Marine Projects 4/09-8/12 Honolulu, HI

- Led TNC's effort to become a sponsor of an In-lieu Fee Sponsor for Hawaii – the first in the state and the first for coral reef ecosystem in the country. Responsible for timely delivery of application; coordinated internal and external meetings; built relationship with government agencies that comprise the Interagency Review Team (IRT) members, and assisted Micronesia Conservation Trust in completing the application for the Guam ILF program.
- Continued to lead the marine ecoregional assessment for the main Hawaiian Islands by furthering partner planning efforts at the state and regional levels. Responsible for data sharing, outreach and education, the coordination of new partnerships, and the implementation of new on-the-ground conservation efforts.
- Helped to develop the program's Coastal Marine Spatial Planning effort. Coordinated with local government and non-governmental agencies; facilitated expert-driven place-based spatial efforts.
- Worked with Philanthropy Department on foundation proposals.

The Nature Conservancy – Hawai'i / Statewide Marine Planner 1/06-3/09 Honolulu, HI

- Oversaw planning component of program, including ecoregional assessment, conservation action plans, operational plans, strategic plans, and Geographical Information System.
- Worked with USFWS to create marine management plan for Offshore Islets.
- Served on committees (Land-based Pollution Local Action Strategy, Climate Change and Coral Disease Local Action Strategy, Offshore Islet Restoration Committee).
- Conducted special projects and assisted on marine monitoring at community-based project sites.
- Organized monthly marine bag lunches.

University of California at Santa Barbara / Dissertation and Pre-Dissertation Research and Field Work

- A political Ecology of Marine Protected Areas (MPAs) Case of Cabo Pulmo National Park, Sea of Cortez, Mexico (1/03-6/05). A baseline study to determine the effects of the MPA and tourism on the well-being of the participating community and the marine environment, with attention toward the history and politics of the area. Research funded by University of California Pacific Rim Grant and PADI Foundation. Research included: Interviewed stakeholders; documented local marine ecological knowledge; recorded commercial fish catch; monitored the health of the coral reef ecosystem; trained community members on social and biological monitoring methodology.
- Rapid Evaluation of the Duduli/Reregana MPA in Roviana Lagoon, Solomon Islands (4/02-3/03). Conducted a rapid evaluation on the Duduli/Reregana MPA by measuring changes in household livelihood strategies and inner lagoon marine resource use. Research funded by PADI Foundation. Interviewed stakeholders (local households and female marine resource users); Documented the local female marine ecological knowledge; Biological monitored the health of the inner lagoon reef (substrate, fish, invertebrates); and Trained community members on social and biological monitoring methodology.
- Roviana and Vonavona Lagoons Resource management Project, Western Province, Solomon Islands (4/01-6/02). Field researcher. Led project to assess early effects of community based marine closures on two mangrove-associated mollusk populations by comparing trends in abundance and size over time between control and experiment sites. Research funded by Packard Foundation. Trained community on research and monitoring methodology; Monitored eight sites over two

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seasons; Created GIS database; Oversaw four University Research Expedition Program volunteers; and Co-authored reports, papers, and grants. www.anth.ucsb.edu/faculty/aswani/packard/.

University of California at Santa Barbara / Assistantships 9/00-6/02 Santa Barbara, CA

- **Teaching Assistant:** Introduction to Environmental Studies (Environmental Studies 1); The Environment and Developing Countries (Environmental Studies/Anthropology 130).
- **Research Assistant:** Ecotourism and marine based conservation strategies; Relationship between marine protected areas and local food security; Effects of aquaculture on food security in low income food deficit (LIFD) countries.

The Nature Conservancy – California / Conservation Planner 1/97-9/00 San Francisco, CA
Co-led five ecoregion-based planning efforts (e.g. Central Valley and Sierra Nevada) and two landscape-based planning efforts (e.g. eastern San Diego Mountains); Synthesized and integrated ecological and land use data; Conducted expert interviews and workshops; Interpreted mapped information and documents; Prepared GIS maps and documents for internal/external use; Oversaw consultants, volunteers, and team progress; Presented TNC's ecoregional planning methodology at universities and conferences; and Created national rapid ecoregion-based planning guidelines.

National Biological Service- The Sirenia Project / Field Researchers 6/95-9/95 Gainesville, FL
The West Indian Manatee soft-release enclosure program, Banana River, Kennedy Space Center, FL. Research funded by NBS and the Edna Bailey Sussman Fund. Monitored behavior and feeding habits of 9 semi-captive and 25 free-ranging manatees; Conditioned and rehabilitated captive manatees for release; co developed sound release guidelines; co-wrote reports for science recovery team; assisted in monthly medical examinations; and Supervised 10 volunteers; radio-tracked. Photo identified, and monitored free ranging manatees.

PRIVATE PROFESSIONAL EXPERIENCE

Strategic Environmental Planning LLC (StEP) / Founder 2012-present Honolulu, HI
Provide consulting services to improve organizational and institutional strategic and natural resource planning, mainly with the focus to improve the health of the marine system. Some recent contracts include: developing Micronesia Conservation Trust's application to be selected Sponsor of an In Lieu Fee Program for the marine resources of Guam, and assisting public and private institutions in Oahu County to develop project-based STEM programs.

Jocapa Products LLC / Co-Founder and CEO 2003-2007 Boulder, CO
Company manufactured and sold award-winning keepsake board games - Gamesakes. Managed all areas of the company, including marketing, communications, public relations, sales, product design, and customer relations, and gained extensive experience in building a small company.

JOURNAL PUBLICATIONS/PRESENTATIONS

Weiant P. 2012. Generations Connected to the Sea, Washed Away by Sandy
<http://theblogaquatic.org/2012/11/19/generation-connected-to-the-sea-washed-away-by-sandy/>

Weiant P. 2012. The Political Ecology of Cabo Pulmo National Park, Gulf of California, Mexico. Anthropologies Issue 15, The Baja California Issue.
<http://www.anthropologiesproject.org/2012/11/issue-15.html>

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- Minton D., E. Conklin, P. Weiant, and C. Wiggans. 2012. 40 Years of Decline on Puakō's Coral Reefs A review of Historical and Current Data (1970-2010). Published for TNC and NOAA.
- Weiant P. and S. Aswani. 2006. Early effects of a community-based marine protected area on the food security of participating households. SPC Traditional Marine Resource Management and Knowledge Information Bulletin #19.
- Aswani S. and P. Weiant. 2004. Scientific evaluation in women's participatory management: monitoring marine invertebrate refugia in the Solomon Islands. Human Organization.
- Aswani S. and P. Weiant. 2004. Effects of MPAs on household livelihood strategies. Society for Applied Anthropology.
- Aswani S. and P. Weiant. 2003. Community-based management and conservation: shellfish monitoring and women's participatory management in Roviana, Solomon Islands. SPC Women in Fisheries Information Bulletin. #12: 3-11.
- Weiant P. 2003. Solomon Time: Village life in the Solomon Island. Part I (January editions) and Part II (February edition). Travel Outward 2(1) and 2(2). www.traveloutward.com
- Aswani S., R. Hamilton, M. Lauer, and P. Weiant. 2002. The Roviana and VonaVona Lagoons Marine Resource Management Project. Annual Report 2002, MacArthur Foundation.
- Aswani S., R. Hamilton, M. Lauer, and P. Weiant. 2001. The Roviana and VonaVona Lagoons Marine Resource Management Project. Annual Report 2002, MacArthur Foundation.
- Shelly J.P., P. Weiant, F. Beall, D. Mockus Lubin, and C. Rice. 1998. Assessment of urban/wildland biomass utilization and disposal options. FPL Internal Report No. 36.01.136. CA: Forests Products Laboratory.
- Weiant P. and S. Chasis. 1994. Testing the Waters IV: The Unsolved Problem of Beach Pollution in the United States. NY: Natural Resources Defense Council.

COMMUNITY SERVICES

Friend of Hanauama Bay Board Member (2015-present); Holy Nativity School Student Science and Conservation Club, Founder and Leader (2013-2014); Holy Nativity School PTO President (2012-2013); Holy Nativity School Cultural and Performing Arts Outreach Committee, Lead and Founder (2011-present); Holy Nativity School Conservation Chair (2011-present); Kamehameha Swim Club Team Parent (2012-present); Mālama Maunaloa volunteer/member

RESEARCH GRANTS

UC Graduate Dissertation Fellowship (2004); IGPMS Merit-based Fee Fellowship (2003); University of California Pacific Rim Region Research Grant (2002-2003); PADI Foundation Research Grant (2002-03); IGPMS Graduate Fee Scholarship (2001-2002); Yale University Scholar Exchange Program (1996); The Edna Bailey Sussman Fund (1995)

COMPUTER SKILLS

ArcGIS, Word/Excel, Illustrator, and social media