

County of Hawai'i
Office of Sustainability Climate Change,
Equity and Resilience

NOTICE TO PROVIDERS OF PROFESSIONAL SERVICES
for fiscal year 2025-2026, beginning July 1, 2025

Letter of Interest and Statements of Qualifications for
OS.3) Forestry (*Watershed Management*)

Prepared for:
Ms. Laura Acasio, Administrator
Office of Sustainability Climate Change, Equity, and Resilience
County of Hawai'i
25 Apuni St., STE 1301
Hilo, HI 96720

June 30, 2025



letter of interest



111 S. King Street
Suite 170
Honolulu, HI 96813
808.523.5866
www.g70.design

June 30, 2025

Ms. Laura Acasio, Administrator
Office of Sustainability Climate Change, Equity, and Resilience
County of Hawai'i
25 Aupuni St., STE1301
Hilo, HI 96720

**Subject: Statement of Qualifications & Letter of Interest
Office of Sustainability Climate Change, Equity, and Resilience, County of
Hawai'i for Fiscal Year 2025-2026**

Dear Ms. Acasio:

G70 is pleased to express interest in providing professional services to the Department of Environmental Management for the Fiscal Year 2025-2026 in the following categories:

OS.3) Forestry (Watershed Management)

Established in 1971, G70 is Hawai'i's largest full service multi-discipline design firm providing integrated services for sustainable development in architecture, civil engineering, planning and environment, geographic information systems, technology, and interior design. Our team brings a collective high level of talent unique in our approach and broad thinking from typical engineering firms. G70's team will:

- ✓ **Create Value** – understanding our client, culture and community to design innovative solutions that deliver a successful project on time, and on budget.
- ✓ **Provide a “One Stop Shop” of Skilled Professionals** - collaborative and multidiscipline team of professionals including engineers, planners, architects, interior designers, information technologists, cultural specialists, software engineers, GIS technicians, graphic designers, asset managers, and communications personnel.
- ✓ **Be Culturally Relevant in Design and Project Management** – years of experience and involvement with the local culture, community and government agencies allow us to deliver successful projects.
- ✓ **Promote Sustainable Principles** – delivering solutions that consider the context of the project using a cross discipline, life cycle perspective to integrate and protect resources and the community.
- ✓ **Leverage Technology** – knowledge and ability to utilize technological tools to provide efficient and valued added service.

1. The name of the firm or person, contact information including email address, the principal place of business, and location of all of its offices:

Name of firm: Group 70 International dba G70
Firm Address: 111 S. King Street, Suite 170
Honolulu, HI 96813

Contact Person: Kāwika McKeague, AICP, President, Principal Planner
Email Address: kawikam@g70.design
Phone number: (808) 523-5866

Indonesia PT GSA
 Menara Sudiman Lt. 22D
 Jalan Jend. Sudirman, Kav 60
 Jakarta 12190
 Indonesia

2. The age of the firm and its average number of employees over the past five years:

G70 was founded in 1971. We have averaged 100 employees over the past five years and we currently have 105 employees.

3. The education, training, and qualifications of the individual, or if a firm, its key employees in accordance with HRS 103D-304 and/or the professional and scientific occupation series contained in the United States Office of Personnel Managements' Qualifications Standards Handbook:

Please see Resumes of Key Personnel

4. A list of recent projects and the names of up to five clients who may be contacted, including at least two for whom services were rendered during the preceding year:

- BWS North Shore Watershed Management Plan
- CCH Ko'olau Loa Watershed Management Plan
- Pelekana Bay – Watershed Ecosystem Restoration
- USACE West Maui Watershed Study
- BWS Waihe'e Lo'i Restoration and Riparian Learning Center
- Ko'olau Loa Sustainable Communities Plan
- KS North Shore Plan

Client References		
Name	Organization	Phone Number
Ms. Dawn Takeuchi Apuna	City and County of Honolulu, Department of Planning and Permitting	(808) 768-8000
Mr. R. Kalani Fronda	Hawai'i State Department of Hawaiian Home Lands	(808) 620-9500
Mr. Eric Nishimoto	State of Hawai'i, Department of Accounting and General Services, Public Works Division, Project Management Branch	(808) 586-0460
Ms. Hilarie Alomar	Kamehameha Schools, Planning & Development Division	(808) 523-6223
Mr. Barry Usagawa	City and County of Honolulu, Honolulu Board of Water Supply	(808) 748-5900

5. Any promotional or descriptive literature which the individual or firm desires to submit.

We have provided supporting data for G70 to include:

- Company Profile
- Key Personnel Resumes
- Project Profiles

We appreciate your consideration of our firm for the above listed category. Should you have any questions, please contact me at (808) 523-5866 or by email at kawikam@g70.design.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kawika McKeague', with a long, sweeping horizontal line extending to the right.

Kāwika McKeague, AICP
President, Principal Planner
Director of Cultural Planning

company profile

about g70

FULL SERVICE

Established in 1971, G70 is Hawai'i's largest full service multi-disciplined design firm providing integrated services for sustainable development in architecture, interior design, civil engineering, and planning & environmental services. We have specific expertise in design for resort communities, residential projects, educational and medical facilities, mixed-use commercial ventures, utilities and roadway infrastructures, and all phases of master planning for major land holdings.

CREATING VALUE

Based in Honolulu, G70 is staffed with over 100 full-time professionals, including: licensed architects, interior designers, civil engineers, planners, technical specialists, and other support personnel. The firm is on the forefront of sustainable design practices with 25 LEED (Leadership in Energy and Environmental Design) accredited professionals in all areas of service.

CULTURALLY RELEVANT

G70 is about stewardship. Our work begins with understanding our client, the host culture of each project, and the surrounding community. We work with communities to create designs that not only best serve the people, but also incorporate the cultural, historical and environmental aspects of the land.

SUSTAINABLE DESIGNS

Sustainable principles cross all disciplines in project development from planning to design, integrating land resource management and cultural heritage with cutting edge sustainable technology. G70 offers sustainable design methods and tools to plan, build, and monitor the utilities and infrastructure of a project site. We provide asset management resources to maintain, secure, and optimize operating costs for land owners and developers.

TECHNOLOGY

G70 is progressive in its use and application of design software to enhance visualization and bring efficiency to the design process. Our current list of software being utilized is:

- Autodesk Revit
- Autodesk AutoCAD
- Autodesk Civil 3D
- Autodesk Construction Cloud / BIM 360
- Autodesk InRoads
- Autodesk Forma
- Arc GIS
- Bluebeam
- Sketchup Pro
- Adobe Photoshop
- Adobe Illustrator
- Adobe InDesign
- Lumion
- Enscape
- Twinmotion
- Cove.Tool
- Rhino
- Grasshopper
- Google Earth Pro





ARCHITECTURE

G70 designs architecture that represent the lifestyles of communities and respect the natural landscape surrounding each project. Our emphasis on cultural context, honoring traditional values, combined with contemporary innovation and planning of sustainable environments creates harmonious, memorable designs for our future.



CIVIL ENGINEERING

Civil Engineering Consulting Services include the full range of services for a civil consulting firm. Our capabilities are broadened significantly with the overlapping services and abilities of G70, including Planning and Environmental Services, Land-Use Permitting, Architecture, Sustainable Development, GIS and Geospatial Services, and Asset Management.



INTERIOR DESIGN

We believe that interior spaces should have a timeless quality and compliment the architectural style of its environment. Our team includes architects specializing in interior design. We offer custom designed finishes, furniture and architectural elements that offer signature details to enhance our client's individual style.



PLANNING & ENVIRONMENT

G70 provides comprehensive services to meet the challenges in the planning of communities, regions and the preservation of land resources. We engage the community in the process, assess the land, and prepare the necessary documents to expedite the due diligence process in a timely manner.



sustainable design

Approach

Honor & Integrate

With a deep understanding of an area's culture, heritage, and history at the onset of the design process, G70 is able to create distinctive, award-winning environments, richly appealing, harmonious and increasing in value over time. This is the foundation of good planning and design.

Respect & Understand

We are committed to sustainable design principles, approaching each project with in-depth research of the site, to understand its environmental context, geological and topographical features, wind and solar characteristics, and historical and cultural background. We provide innovative GIS and 3D visualization to assist in planning, design and decision making.

Plan & Maintain

G70 offers sustainable design methods and tools to plan, build, and monitor the utilities and infrastructure of a project site. With GIS capabilities and state-of-the-art software, we provide asset management resources to maintain, secure, and optimize operating costs for developers.

Lead Future Design

Our mission is to foresee a sustainable future now: to initiate, plan, design and build the best-in-class projects that demonstrate leadership in the global sustainability theater.



sustainable design

Innovation

Expertise

G70 is on the cutting edge of sustainable development, recognizing the importance and impact of built environments of all types and sizes on individual lives, whole communities, and the entire planet. The firm's resources include a growing number of in-house LEED AP architects, planners, and interior designers working strategically with our clients and partners.

LEED Services:

- Pre-evaluation: identifying economically viable LEED compliance
- Certification: processing and documenting a project through design and construction
- Post-Certification: providing project asset management to ensure long term performance
- Water Efficiency Improvement Assessment
- Credit Products & Technologies Specification
- Credit Innovation & Design programming

Accountability:

Our Sustainable Development Division created a proprietary methodology to map specific LEED components such as potable water consumption, graywater utilization, energy consumption, carbon footprint, waste generation, and open space. Following certification, G70 will monitor the ongoing performance of LEED certified projects. This innovative process ensures that the LEED building performs as designed throughout its life.



honors & awards

CBRE Honolulu Offices

- National Association of Industrial and Office Properties (NAIOP) Hawai'i Renovation Project - Under 40,000 SF, Kūkulu Hale Award, 2015

Central Union Preschool & Kindergarten Phase I

- National Association of Industrial and Office Properties (NAIOP) Hawai'i Nonprofit, Kūkulu Hale Award, 2013

Concrete, Masonry, and Metal Structures Repair and Maintenance Manual for Historic Facilities at Joint Base Pearl Harbor-Hickam for Commander, Navy Region Hawai'i

- Historic Hawai'i Foundation (HHF) Preservation Commendation Award, 2018

Department of Accounting and General Services No. 1 Capital Place Exterior Renovation (Hemmeter Building)

- Historic Hawai'i Foundation (HHF) Preservation Award, 2019

Department of Hawaiian Home Lands Kaupuni Village

- American Institute of Architects (AIA) Honolulu Mayor's Choice Award, 2011
- United States Green Building Council (USGBC) Outstanding Green Project Team Award, 2011
- American Planning Association (APA) Hawai'i Innovation In Planning: Best Practices for Sustainability Award, 2010



G70 Interiors Office

- American Society of Interior Designers (ASID) Overall Grand Design Award, 2006
- American Society of Interior Designers (ASID) Commercial Design Award of Excellence, 2006
- American Society of Interior Designers (ASID) Green Sustainable Design Award of Excellence, 2006
- Building Industry Association (BIA) Hawai'i Overall Grand Award, 2006
- Building Industry Association (BIA) Hawai'i Built Green Grand Award, 2006
- National Association of Industrial and Office Properties (NAIOP) Hawai'i Renovation, Kūkulu Hale Award, 2006

G70 First & Second Floor Sustainable Renovations

- Historic Hawai'i Foundation (HHF) Preservation Commendation Award, 2010

Guam USMC Installation Appearance Plan

- American Society of Landscape Architects (ASLA) Planning & Analysis Honor Award, 2012

Ha'ikū Stairs Study

- American Planning Association (APA) Hawai'i, Cultural/Historic Preservation Award, 2020

Hanauma Bay Nature Preserve

- American Planning Association (APA) Hawai'i Outstanding Planning Project, 2004
- American Institute of Architects (AIA) Honolulu Award of Merit, 2003
- National Association of Industrial and Office Properties (NAIOP) Hawai'i Award of Merit, 2003
- Building Industry Association (BIA) Hawai'i Renaissance Award, 2003
- Hawai'i Tourism Authority (HTA) Keep it Hawai'i, Kahili Award, 2003
- American Society of Landscape Architects (ASLA) Award of Merit, 2003



honors & awards

Hale Ola, Wailea

- American Society of Interior Designers (ASID)
Award of Excellence, 2004

Hale Pu'u, Wailea

- American Society of Interior Designers (ASID)
Award of Excellence, 2004

Harry and Jeanette Weinberg Ho'okupu Center

- International Interior Design Association (IIDA) Hawai'i
Serve Award, 2019

Hawai'i Baptist Academy

- American Institute of Architects (AIA) Honolulu
Mayor's Choice Award, 2007
- Building Industry Association (BIA) Hawai'i
Grand Award Hawai'i BuiltGreen, 2007
- National Association of Industrial and Office Properties (NAIOP) Hawai'i
Kūkulu Hale Award, 2007

Hawai'i Baptist Academy High School - Phase I

- General Contractors Association (GCA) of Hawai'i
Award of Merit, 2014
- American Institute of Architects (AIA) Honolulu
Merit Award, 2014
- National Association of Industrial and Office Properties (NAIOP) Hawai'i
Nonprofit, Kūkulu Hale Award, 2015

Hawai'i Film Studio

- American Council of Engineering Companies of Hawai'i (ACECH)
Award of Honor, 2019

Hawai'i State Art Museum Sculpture Garden

- Historic Hawai'i Foundation (HHF)
Preservation Honor Award, 2014
- American Institute of Architects (AIA) Honolulu
Mayor's Choice Award, 2013
- American Institute of Architects (AIA) Honolulu
Award of Merit, 2013
- National Association of Industrial and Office Properties (NAIOP) Hawai'i
Public/Government Renovation Kūkulu Hale Award, 2013
- American Society of Landscape Architects (ASLA) Honolulu
Award of Excellence, 2012

Hilton Grand Waikikian

- American Resort Development Association (ARDA)
ACE Project of Excellence Award, 2010
- Waikiki Improvement Association (WIA)
Ho'owehiwehi Nui Award, 2009

Hilton Hukulani Waikiki

- American Resort Development Association (ARDA)
Best Renovation Award, 2015
- General Contractors Association (GCA) of Hawai'i
Award of Excellence - Building Construction, 2014

Hilton Waikōloa Kings Land Phase I

- American Resort Development Association (ARDA)
Award of Green Sustainability Program Within a Resort, 2012

Hilton Waikōloa Kings Land Clubhouse

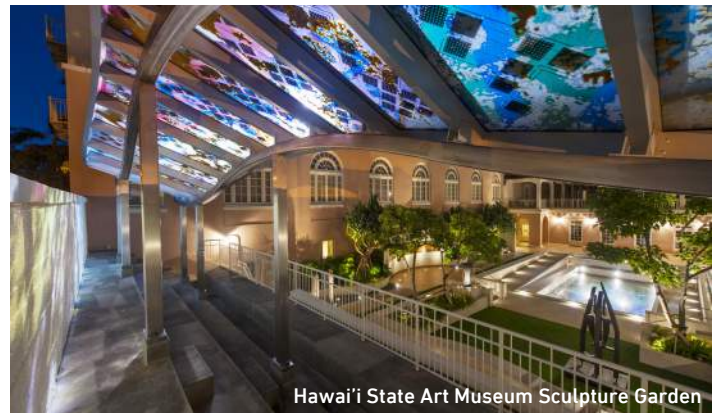
- American Society of Heating, Refrigerating & Air-Conditioning
Engineers (ASHRAE)
1st Place, Region X, Technology Award, 2011

Holo Holo Ku Residential Condominiums

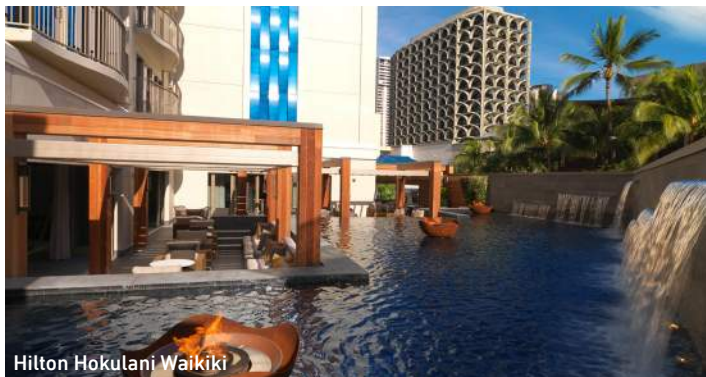
- American Institute of Architects (AIA) Honolulu
Mayor's Choice Award, 2004
- Building Industry Association (BIA) Hawai'i
New Residential Division Award, 2004



Hawaii Baptist Academy High School



Hawai'i State Art Museum Sculpture Garden



Hilton Hukulani Waikiki

honors & awards

HPH Kapi'olani Medical Specialists

- American Society of Interior Designers (ASID) Healthcare Facilities, Award of Merit, 2017

HPU Waterfront Lots at Aloha Tower Marketplace

- National Association of Industrial and Office Properties (NAIOP) Hawai'i Renovation Kūkulu Hale Award, 2016
- American Society of Interior Designers (ASID) Commercial, Award of Excellence, 2016
- General Contractors Association (GCA) of Hawai'i Renovation/Remodeling, Award of Excellence, 2016

Hyatt Centric Waikīkī Beach

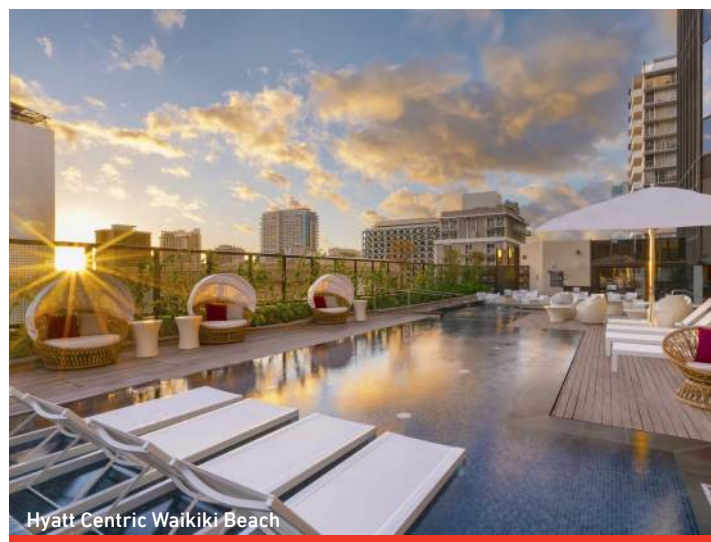
- National Association of Industrial and Office Properties (NAIOP) Hawai'i Renovation Project - Over 40,000 SF, Kūkulu Hale Award, 2017

Hyatt Residence Club - Kā'anapali Beach Maui

- American Resort Development Association (ARDA) Resort Architecture Award, 2015
- American Resort Development Association (ARDA) Best Site Plan Award, 2015
- American Resort Development Association (ARDA) ACE Project of Excellence Award, 2015

'Iolani School Phase I

- National Association of Industrial and Office Properties (NAIOP) Hawai'i New Project, Kūkulu Hale Award, 2005
- Building Industry Association (BIA) Hawai'i Grand Award, 2004
- American Society of Interior Designers (ASID) Design Awareness Award, 2004
- General Contractors Association (GCA) of Hawai'i Award of Excellence, 2004
- Building Industry Association (BIA) Hawai'i Renovation Project of the Year, 2002
- National Association of Industrial and Office Properties (NAIOP) Hawai'i New Project, Kūkulu Hale Award, 2002



Hyatt Centric Waikiki Beach

'Iolani School K-1 Community

- American Institute of Architects (AIA) Honolulu Award of Merit, 2020
- American Institute of Architects (AIA) Honolulu People's Choice Award, 2020

'Iolani School Residence Hall

- American Institute of Architects (AIA) Honolulu Award of Merit, 2019
- General Contractors Association (GCA) of Hawai'i Award of Excellence, 2020

'Iolani School Sullivan Center

- National Association of Industrial and Office Properties (NAIOP) Hawai'i New Project Green Building, Kūkulu Hale Award, 2014
- General Contractor Association (GCA) Award of Excellence - Design-Build/Design-Assist Construction, 2014
- International Interior Design Association (IIDA) Hawai'i Award of Merit, 2014
- American Institute of Architects (AIA) Honolulu People's Choice Award, 2014

Japengo - Hyatt Regency Resort & Spa

- Building Industry Association (BIA) Hawai'i Renaissance Commercial Remodel Award, 2011

Joan K. Mendel Kindergarten Classroom

- American Institute of Architects (AIA) Honolulu Award of Merit, 2019



'Iolani School K-1 Community



Joan K. Mendel Kindergarten Classroom

honors & awards

Kai Lani at Ko Olina Housing

- Hawaiian Electric Company (HECO) Energy Efficiency Award, 2002
- Building Industry Association (BIA) Hawai'i Parade of Homes, First Place, 2002
- Building Industry Association (BIA) Hawai'i New Residential Division - Up to \$750,000, 2004

Kailua Community Planning

- American Planning Association (APA) Hawai'i Innovation in Neighborhood Planning, 2002

Kalihi Valley Homes Phase I Renovation

- American Institute of Architects Pacific NW Region (AIA NW) Award of Merit, 2003
- American Institute of Architects (AIA) Honolulu Award of Merit, 2002
- American Institute of Architects (AIA) Honolulu Mayor's Choice Award, 2002
- Building Industry Association (BIA) Hawai'i Renovation Project of the Year, 2002
- National Association of Industrial and Office Properties (NAIOP) Hawai'i Renovation Project of the Year, Kūkulu Hale Award, 2002

Kamakana Villages at Keahuolu

- American Planning Association (APA) Hawai'i Outstanding Planning Award, 2011

Kamehameha Schools Cultural Resource Management Plan

- American Planning Association (APA) Hawai'i Environment/Preservation Award, 2013

Kamehameha Schools Hale'iwa Store Lots

- American Planning Association (APA) Hawai'i Historic Preservation Award, 2015
- American Council of Engineering Companies (ACEC) Hawai'i Engineering Honor Award, 2016
- American Institute of Architects (AIA) Honolulu Honorable Mention, 2016
- National Association of Industrial and Office Properties (NAIOP) Hawai'i Renovation - Over 40,000 SF, Kūkulu Hale Award, 2017



Kamehameha Schools Hawai'i Campus

- National Association of Industrial and Office Properties (NAIOP) Hawai'i Non-profit, Kūkulu Hale Award, 2003

Kamehameha Schools Maui Campus

- National Association of Industrial and Office Properties (NAIOP) Hawai'i Non-profit, Kūkulu Hale Award, 2009

Kamehameha Schools North Shore O'ahu Master Plan

- American Planning Association (APA) Hawai'i National Planning Excellence Award for Innovation in Sustaining Places, 2011
- American Planning Association (APA) Hawai'i Outstanding Planning Award, 2008

Kaua'i Community Federal Credit Union

- National Association of Industrial and Office Properties (NAIOP) Hawai'i New Non-Profit Project Award, 2012

Kauna'oa Country Club

- Building Industry of Hawai'i (BIA) Grand Award New Commercial, 2007

King Kamehameha Kona Beach Hotel

- National Association of Industrial and Office Properties (NAIOP) Hawai'i Commerical Renovation - Over 40,000 SF, Kūkulu Hale Award, 2011
- American Society of Interior Designers (ASID) Award of Honor, 2010

Koloa Landing Resort & Spa

- General Contractor Association (GCA) of Hawai'i Award of Excellence, 2014



honors & awards

Kuhio Park Terrace

- American Institute of Architects (AIA) Honolulu Mayor's Choice Award, 2010

Laiopua 2020 Community Center

- American Planning Association (APA) Hawai'i Community-Based Planning Award, 2008

Lyon Arboretum

- American Planning Association (APA) Hawai'i Hawai'i Preservation Award, 2006

Marriott Maui Ocean Club

- Green Business Hawai'i Award for Outstanding Efforts, 2012

Nanea Clubhouse

- American Institute of Architects Pacific NW Region (AIA NW) Design Citation Award, 2006
- Building Industry Association (BIA) Hawai'i Overall Grand Award for New Commercial, 2006
- American Society of Interior Designers (ASID) Award of Excellence, 2006
- National Association of Industrial and Office Properties (NAIOP) Hawai'i Commercial, Kūkulu Hale Award, 2006
- American Institute of Architects (AIA) Honolulu Award of Excellence, 2005
- Building Industry Association (BIA) Hawai'i New Commercial Award, 2004

Parker Ranch Center

- Hawai'i Tourism Authority (HTA) Keep it Hawai'i, Award of Merit, 2003

PBS Hawai'i

- National Association of Industrial and Office Properties (NAIOP) Hawai'i Non-Profit Kūkulu Hale Award, 2018
- American Society of Interior Designers (ASID) Commercial: Office Space, Award of Excellence, 2016

Pu'u Kukui Elementary School

- American Society of Landscape Architects (ASLA) General Design, Award of Merit, 2015

The Salvation Army KROC Center Hawai'i

- National Association of Industrial and Office Properties (NAIOP) Hawai'i New Commercial, Kūkulu Hale Award, 2012
- American Society of Interior Designers (ASID) Institutional, Award of Honor, 2012
- American Society of Interior Designers (ASID) Institutional, Award of Excellence, 2012

St. Regis Princeville Resort

- Building Industry Association (BIA) Hawai'i Commercial Remodeling, Grand Award, 2010

Standard State Mitigation Plan CNMI

- American Planning Association (APA) Hawai'i Current Topic Award: Safe Growth, 2004

U.S. Army Corps of Engineers, Honolulu District Consolidated Real Property Master Plan, Okinawa Area

- U.S. Army Corps of Engineers, Honolulu District Award of Excellence, 2010



honors & awards

U.S. Army Corps of Engineers, Honolulu District Consolidated Training and Medical Facility

- U.S. Army Corps of Engineers, Honolulu District
Award of Excellence, 2007

University of Hawai'i - Center for Microbial Oceanography: Research and Education (C-More)

- American Institute of Architects (AIA) Honolulu
Award of Merit, 2012
- American Institute of Architects (AIA) Honolulu
Lipman-Member's Choice Award, 2012
- American Society of Interior Designers (ASID)
Institutional, Award of Honor, 2012
- American Society of Interior Designers (ASID)
Award of Excellence, 2012
- National Association of Industrial and Office Properties (NAIOP) Hawai'i
New Commercial Project - Under 40,000 SF, Kūkulu Hale Award, 2011
- National Concrete Masonry Association (NCMA),
Award of Excellence, 2011
- Masonry Institute of Hawai'i, (MIH)
Outstanding Project Award, 2010

Waialua Town Master Plan

- American Planning Association (APA) Hawai'i
Community-Based Planning Award, 2005

Wailea Beach Marriott Resort & Spa

- National Association of Industrial and Office Properties (NAIOP) Hawai'i
Commercial Renovation - Over 40,000 SF, Kūkulu Hale Award, 2019

Ward Entertainment Center

- Building Industry Association (BIA) Hawai'i
Overall Grand Award, 2002
- National Association of Industrial and Office Properties (NAIOP) Hawai'i
Project of the Year, 2002

Wooden Structures Repair Manual for Historic Facilities at Joint Base Pearl Harbor-Hickam for Commander, Navy Region Hawai'i

- Historic Hawai'i Foundation (HHF)
Preservation Commendation Award, 2017



Wailea Beach Marriott Resort & Spa



University of Hawaii C-More



Ward Entertainment Center

planning and environment

Services Overview

G70 provides a variety of services to meet the complex challenges of planning land resources and diverse communities with a sustainable future. Our extensive experience in all phases of the development process includes Master Planning, Community Building and Land Use Entitlements. We are staffed to manage large-scale Environmental and Physical Planning with architecture to create appealing, sustainable settings.

Our urban and environmental planners collaborate with in-house cultural experts, as well as solicit community input to incorporate historical and cultural elements in our planning process. Before proceeding with any project, we ensure that our environmental studies and land use plans are accepted by the community and the approving agencies.

G70 provides landowners and government agencies with the full range of land use permitting and entitlement services at both the State and County levels.

G70 planning services include:

- Community Master Plans
- Resort Master Plans
- Educational Campus Plans
- Regional, General and Specific Plans
- Urban Design Plan / Design Guidelines
- Park and Open Space Plans
- Community Involvement and Facilitation
- Feasibility Studies and Alternatives Analysis
- Land Use Permits
- Development Constraints Analysis (regulatory, environmental, technical)
- Regional and Area-wide Land Use Planning
- Detailed Property and Site Assessments, and Due Diligence Reporting
- Environmental Assessments and Environmental Impact Statements
- Cultural & Historic Resource Management



planning and environment

Master Planning

A master plan is a dynamic long-term planning document that provides a conceptual layout to guide future growth and development. Master planning is about making the connection between buildings, social settings, and their surrounding environments. A master plan includes analysis, recommendations, and proposals for a site's population, economy, housing, transportation, community facilities, and land use. It is based on public input, surveys, planning initiatives, existing development, physical characteristics, and social and economic conditions.

Select Master Plan experience includes:

- *Barbers Point NAS Pacific Sports Training Complex Master Plan*
- *City of Kapolei Master Plan*
- *Grove Farm Visionary LLC Wailani Development (Lihue) Master Plan (project of iG70)*
- *Hale'iwa Store Lots, Commercial Master Plan, EA & Permits*
- *Hanauma Bay Nature Preserve, Master Plan, EIS & Permits*
- *Hilton Hawaiian Village Master Plan, EIS, & Permits*
- *Ho'opili Community, Master Plan & Permits East*
- *Kalaeloa Barbers Point, Urban Master Plan, EIS*
- *Kalaeloa Community Development, Master Plan*
- *Kamakana Village at Keahuolu, 201H Master Plan, EIS & Permits*
- *Kamehameha Schools Maui & Hawai'i Campus, Master Plan*
- *Kamehameha Schools Kaiāulu 'o Kaka'ako HCDA Master Plan*
- *Kamehameha Schools North Shore Master Plan (*APA National Award)*
- *Kāne'ohe Ranch Kailua Town Master Plan*
- *Kapolei West, Master Plan*
- *Keauhou Bay Management Plan*
- *Keauhou Resort Community Master Plan*
- *Koko Head District Park & Shooting Complex, Master Plan, EIS & Permits*
- *Kualoa Ranch & Activity Club, Master Plan, EA, Permits*
- *Makaiwa Hills, Master Plan, EIS & Permits*
- *Maui County Office Center, Master Plan, EIS & Permits*
- *Mauna Kea Science Reserve Master Plan*
- *Outrigger Waikiki Beachwalk Master Plan, EIS & Permits*
- *Princeville Resort Expansion, Master Plan, EA/EIS & Permits*
- *UH Coconut Island Master Plan, EA/EIS & Permits*
- *UH Mānoa Long Range Development Plan*
- *Waikī Aquarium Master Plan*
- *Waikī Beach Walk (Outrigger) Complex, Master Plan, EIS & Permits*



planning and environment

Land Use Permitting & Entitlements

Land development in Hawai'i is complex, involving physical design elements, environmental and socioeconomic issues, many governmental regulations, as well as community participation. G70's staff has extensive experience at all levels of governmental processing; we are able to guide and coordinate all elements expeditiously, and are considered to be a leading firm in Hawai'i land use permitting, with experience on all islands, working for both public and private sector clients with all types of land use permitting.

Our Planning Team is experienced in the preparation and processing of applications for land use approvals. We have several senior planners that are former City/ County Planning Department officials, and apply their depth of knowledge and understanding to the complex process of gaining regulatory approvals in Hawai'i. Our permitting services include:

- State Land Use Boundary Amendments
- County Development Plan and Community Plan Amendments
- Change of Zone
- Conservation District Use Permits (CDUP)
- Special Management Area Permits (SMA)
- HCDA Permits
- Variances and Other County-Level Permit
- 201H Affordable Housing

Representative land use permitting projects include:

- *Hanauma Bay Nature Preserve, Hawai'i Kai, O'ahu*
- *Hiluhilu/UH West Hawai'i, Kailua-Kona, Hawai'i*
- *Kamehameha Schools Hale'iwa Store Lots, Hale'iwa, O'ahu*
- *Hilton Hawaiian Village, Waikīkī, O'ahu*
- *Kapolei Harborside Center, Kapolei, O'ahu*
- *Kīhei High School, Kīhei, Maui*
- *Kualoa Ranch and Activity Club, Kualoa, O'ahu*
- *Fairmont Kea Lani Hotel, Wailea, Maui*
- *Le Jardin Academy, Kailua, O'ahu*
- *UH Long Range Development Plan, Honolulu, O'ahu*
- *Maluhia at Wailea, Maui*
- *Princeville Resort Expansion Entitlements*
- *Kuilima Resort Expansion Master Plan*
- *Contemporary Museum, Makiki, Honolulu*
- *Pu'u Kukui Elementary School, Wailuku, Maui*
- *Ho'opili Master Plan/Zone Change/Urban Design Plan, 'Ewa Beach, O'ahu*
- *Hawai'i Baptist Academy Master Plan and CUP, Honolulu, O'ahu*
- *Westin Maui Hotel & Spa, Kā'anapali, Maui*



planning and environment

Culture and Community

G70 realizes the importance of culture and sustainability in all planning projects. Our approach is best described as 'place making.' We work with communities and indigenous peoples to create designs that not only serve the people, but also incorporate the cultural, historical and environmental aspects of the land and those who live on it. We are taking this process and applying it to other lands and host cultures internationally, with projects in Tahiti, Vietnam, New Caledonia, and India.

G70 places a special emphasis on collaborating with community groups and key individuals to resolve environmental concerns on new project developments. Before proceeding with any project, we ensure that our environmental studies and land use plans are accepted by the community and the official approving agencies. We provide a variety of opportunities for community support and involvement with our projects, including:

Project conceptualization through a unique 5-step charrette process

1. *Community information meetings, project newsletters and information materials*
2. *Interviews of key community organizations and individuals*
3. *Synopsis of technical issues understandable to lay people*
4. *Creation and management of community advisory committees*
5. *Establishment of a community-based support network*

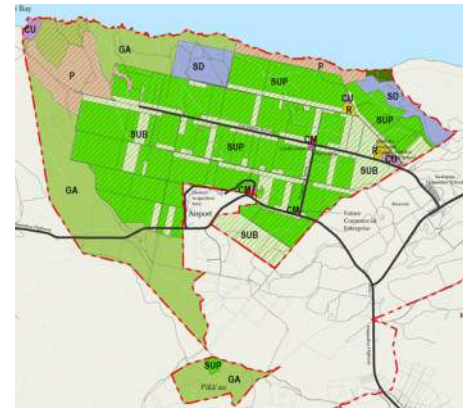
In addition, we provide GIS development for clients requiring needs assessments, requirements analysis, data collection and conversion, application development, geo-database design/creation, mapping, and data modeling and analysis.

At G70 we establish a clear project task that describes how GIS will be applied and support each project. Whether the task is to implement an interactive tool for accessing useful information through online maps or to conduct complex analysis of both geospatial and non-geospatial data, we deliver high quality GIS products to our clients.

Our GIS Services group consists of a multi-disciplinary team of GIS/Geospatial professionals, GIS-trained planners, GIS-trained architects, and GIS-trained graphic designers working across the company as an integrated technology team.



Tahiti Waterfront, Papeete, Tahiti



*Department of Hawaiian Home Lands
Moloka'i Island Plan, Moloka'i*

planning and environment

Community-Based Planning

In the dynamic environment of Hawai'i, community-based planning is not just an initiative; it is a fundamental necessity. This approach places the power in the hands of those who have an intimate connection to the 'āina. Community-based and community-led planning facilitates the development of planning processes that embody the unique needs, aspirations, and values of Hawai'i's people, thereby ensuring outcomes that are not only beneficial but also respectful of the local culture and environment. As we navigate the unique challenges presented by our island geography, from rising sea levels to biodiversity conservation, community-based planning allows us to make informed decisions that truly reflect the priorities of the community.

Furthermore, the success and vitality of Hawai'i are intrinsically linked to the contributions made through community-based planning. It encourages local involvement and facilitates co-creation of our shared spaces, leading to solutions that are innovative, inclusive, and tailored to local conditions. This process cultivates local ownership and deepens the bond between the community and its environment. In preserving our heritage and ensuring sustainable development, community-based planning in Hawai'i contributes to a resilient future where the island's unique character and natural beauty continue to thrive, further strengthening the social fabric where our environment is intertwined with our identity. G70's process echoes the true spirit of 'ohana and kuleana, defining our collective responsibility and interconnectedness in shaping the Hawai'i of tomorrow.

SELECTED PROJECTS:

Hāna Health Master Plan Specialty Clinic, Agricultural Wellness and Workforce Housing Project (Ongoing)
Hāna, Maui

Kūkulu Kumuhana O Anahola (KKOA), Ulupono Anahola Agricultural Center
Anahola, Kaua'i

Dynamic Community Solutions, Pu'uhonua o Wai'anae Village
Wai'anae, O'ahu

Namahana School Masterplan
Kīlauea, Kaua'i

Board of Water Supply - Waihe'e Riparian Learning Center Master Plan
Kāne'ohe, O'ahu

Keaukaha Pana'ewa Farmers Alliance (KPFA), Resiliency and Agricultural Innovation Hub
Pana'ewa, Hawai'i

Hui o Hau'ula Ko'olauloa Community Resilience Hub
Hau'ula, O'ahu

Department of Hawaiian Home Lands - Mālama Cultural Park Special Area Plan
Kaunakakai, Moloka'i

Kokua Kalihi Valley, Ho'oulu 'Āina Master Plan
Kalihi, O'ahu

Kuilima Agricultural Park Master Plan
Kahuku, O'ahu

Kauluakalana Makali'i Master Plan (Ongoing)
Kailua, O'ahu

Ka 'Ohana o Kalaupapa, Kalaupapa Memorial (Ongoing)
Kalaupapa, Moloka'i

Department of Hawaiian Home Lands & Papakōlea Community Development Corporation - Native Hawaiian Education Cultural Center and Kūpuna Assisted Living Center Master Plan
Puowaina, O'ahu

KUPU, Ho'okupu Center
Honolulu, O'ahu

Kualoa Ranch
Kualoa, O'ahu

La'i'ōpua Community Center
Kailua-Kona, Hawai'i

Kamehameha Schools - Kāpaeloa Cultural Learning Project
Kāpaeloa, Hawai'i

Kalāhuipua'a Fishpond - Environmental & Cultural Restoration Plan Due Diligence
Pūowaina, O'ahu

PA'I, Ke'ehi Arts and Cultural Center
Honolulu, O'ahu

Pālailai Community Based Renewable Energy
Kapolei, O'ahu



Kalāhuipua'a Fishpond



Kualoa Ranch

planning and environment

Stakeholder Engagement, Meetings & Public Outreach Support

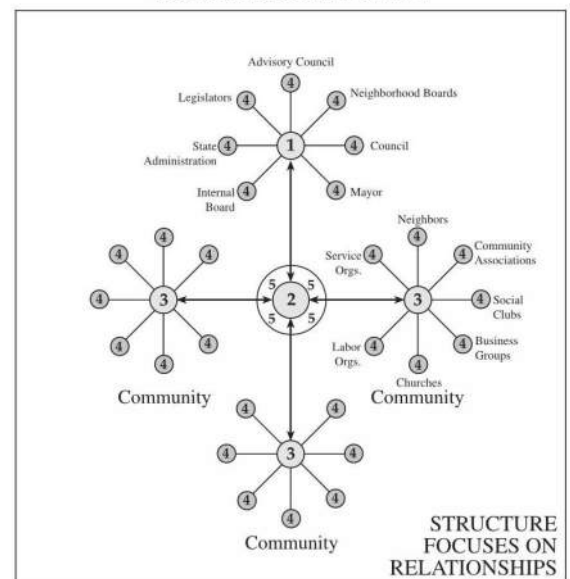
G70 has established clear steps in the implementation of our community engagement process that is dedicated to a strategy of a structured focus of relationship building and the trust that develops over time. This commitment is vital to the successful execution of our projects.

The methods and means of deployment vary between parties of interests whether with agencies, business sector and industry leaders, neighborhood and community organizations, cultural practitioners and lineal descendants, to concerned citizens within our island community. Our techniques have been a honed skill critical to maintaining a flow of meaningful and response dialogue. The outcome we seek to achieve is a process that participants feel has been collaborative, inclusive, and responsive to their voices and perspectives.

Meaningful community engagement as part of G70's process is essential to its success. Early community engagement can garner acknowledgement and sentiment around the vision of the Project. Our community engagement process is dedicated to a structured focus of relationships, which requires a commitment of time and trust from the planning team over the duration of the Project. Our proposed community strategy includes the following:

- Develop a master time line that outlines the community engagement strategy over the course of the Project.
- Identify key community partners, methods of communication/ messaging, and outreach tools. Review existing plans, policies, goals, and objectives or regional state, county, and community plans.
- Initial soft-sound interviews with key kūpuna and cultural/community leaders to introduce the team, the Project, and the effort made to-date to facilitate the sharing of ideas and to ensure a successful engagement with the community.
- Conduct a range of small-group meetings centered on specific topics of issues, concerns, or geography. Key stakeholder groups take part in internal discussions with Project team members having assigned responsibilities of data gathering with State and County Agencies, business sector leaders, community, non-profit, and neighborhood organizations, elected officials, and wherein appropriate 'ohana, kua'āina, loa, kumu, or other cultural leaders.
- Develop a network of broader communications via virtual/in-person community meetings, social media, or other synchronous/ asynchronous means of digital engagement to crowd source a range of key concerns, perceptions, issues, and opportunities to effectively develop ideas and mitigation scenarios from which alternatives and prioritization can be developed.
- Integrate the appropriate use of interactive software or online platforms, i.e., ArcGIS Story Map, Survey123, Mentimeter, ConceptBoard to facilitate and manage the input of meetings that help to guide decision-making. Consider the need for "classical" outreach methods, i.e., postcards invitations, flyers, paper surveys as equitable access to technology, internet, and broadband communications may be a concern.
- Provide a report and asset map that summarizes the range of opportunities/challenges and provides recommendations and prioritization to carry out the overall vision of the Project.

ORGANIZATIONAL CHART
for
BUILDING COMMUNITY



#1 = Project Representative
#2 = Process Coordinator
#3 = Community Liaisons
#4 = Significant Stakeholders
#5 = Planning & Technical Consultants



planning and environment

Stakeholder Engagement, Meetings & Public Outreach Support

Given our extensive value of relationship as core to our practice, G70 has garnered a reputation of being “committed” to their word. As such, we work with the client to develop some co-share of responsibility to provide meaningful feedback and wherein appropriate, commitments to engaged participants. In some cases, it becomes practical for G70 to serve as a liaison on behalf of the client given our understanding of local culture, values, and trust that has been developed over time.

Integrating Experience

G70 has developed an in-depth knowledge of over 50 years of working on projects in Hawaii. Our participation on all levels of government across several sectors of industry, has provided use a richness of experience.

We are comfortable and adaptable to local, regional, and international forums of engagement. We are equally adept from “board shorts to the board room” understanding the inclusivity of a diverse range of experience and perspectives begins with engaging in meaningful dialogues with participants that are equally diverse in their own experience. Our ability to work closely through these layers of dialogues help to inform a strategy to seeks to be transparent and inclusive.

G70 is as much a placemaker as it is a placekeeper which means understanding that we are a part of the community that we ultimately serve in the projects we undertake. Our ongoing relationship with key agencies is an important element to ensure a project moves forward in a manner that is respectful to community needs.

Community Leadership

G70 is also committed to being an active part of our island and global community. We are actively engaged in community representation across various organizations, clubs, and other community organizations. We also support an employee-driven foundation that seeks to give back in meaningful ways whether through volunteer services or allocation of grants to support the on-going response needs across our State.

We have been privileged to serve with organizations that are taking on the critical needs of communities across the Pacific and beyond. We are very mindful and responsive to honoring the indigenous community in which we conduct our work by identifying respected leaders, elders, and recognized experts as a point of developing an informed perspective to the heritage and legacy of a place which is a key and inherent quality to a community's identity and sense of responsibility.

Select experience includes:

- Department of Hawaiian Home Lands
 - Pu'u 'Ōpae
 - Anahola Regional Plan
 - Moloka'i Veterans Center
 - Wai'anae Coast Emergency Access Road
 - Waimea Nui Master Plan
- Kamehameha Schools
 - He'eia Plan
 - Keauhou Bay Management Plan
- Board of Water Supply
 - Ha'ikū Stairs Study
 - Waihe'e Riparian Learning Center
- Long Range Energy
 - Pūlehu Energy Project
 - Mahi Energy Project
- City & County of Honolulu
 - NPDES Storm Water Public Education
 - Storm Water Utility
- Aloha Solar Energy Fund
 - ASEF I Lualualei
 - ASEF II Kalaeloa
- Memorial at Kalaupapa National Historical Park
- Keaukaha Pana'ewa Farmers Association Master Plan
- Hilton Hawaiian Village Master Plan
- Samuel Mahelona Memorial Hospital Master Plan



planning and environment

Geospatial Services

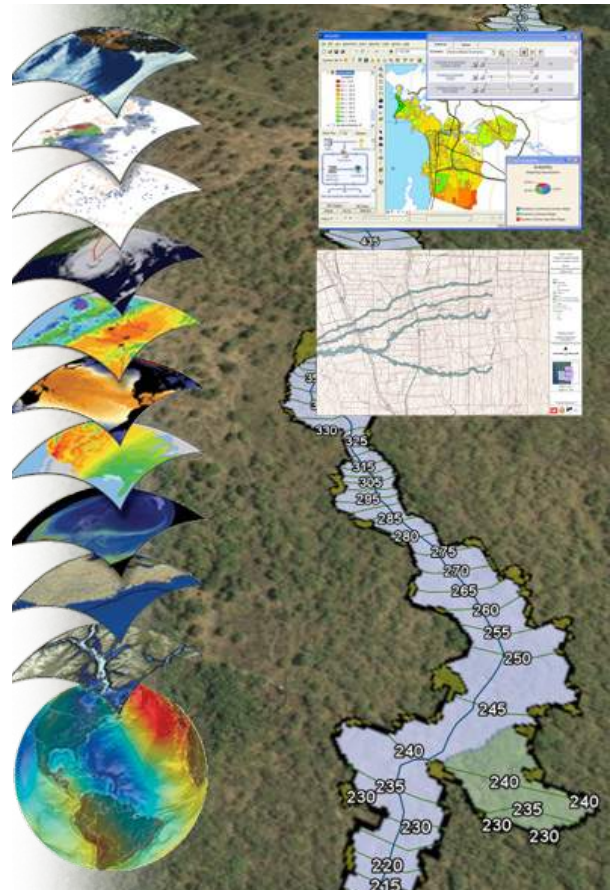
The G70 Geospatial Services practice leverages over 20 years of mapping experience to provide our clients with cutting edge spatial solutions that enhance existing business processes and provide substantial bottom line benefits.

SERVICES:

- Aerial Photography Project Management
- Custom Mapping Services
- Spatial Database Development
- Spatial Data Analysis and Modeling
- Visual Representation of Data Using Web-Based Viewers
- Custom Application Development
- System Requirements Definition
- System Architecture Design and Implementation
- Building Information Modeling (BIM) Integration and implementation
- GPS Surveying and Data Collection
- CAD/GIS Integration Services

BENEFITS

- Provides a single unified view of assets inside and outside the building.
- Reliable spatial analysis that supports business decisions.
- Provides users with instant access to information that improves the ability to make informed decisions.
- Improved operational efficiency resulting from an enhanced capability for situational awareness.
- Clients Include: United States Navy, Army Corps of Engineers, Marine Corps; City and County of Honolulu; Maui County; Hawai'i County; Grove Farms; Kamehameha Schools; Kāne'ohe Ranch; Campbell Estate; Princeville Resorts; State of Hawai'i Department of Transportation Airports Division, Department of Transportation Highways Division, Department of Transportation Harbors Division; Department of Hawaiian Home Lands, and more.



planning and environment

Geographical Information System (GIS)

G70 utilizes GIS technology as an essential tool in a broad-range of architectural, planning, sustainable development, and asset management projects. Our experience applying GIS technology includes:

- Land Use Planning
- Military Planning
- Site Investigation/Analysis/Selection
- Entitlement Process
- Emergency Preparedness/Management
- Flood Hazard Mapping
- Environmental Planning/Management

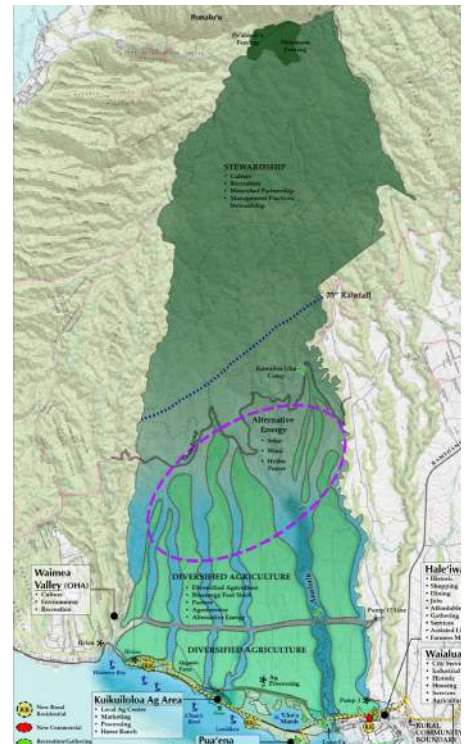
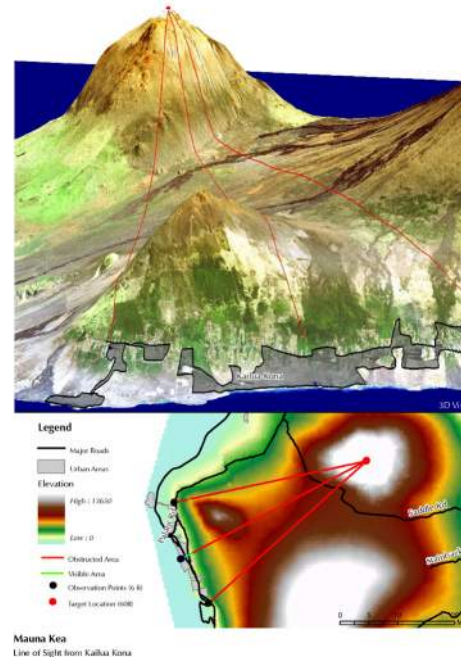
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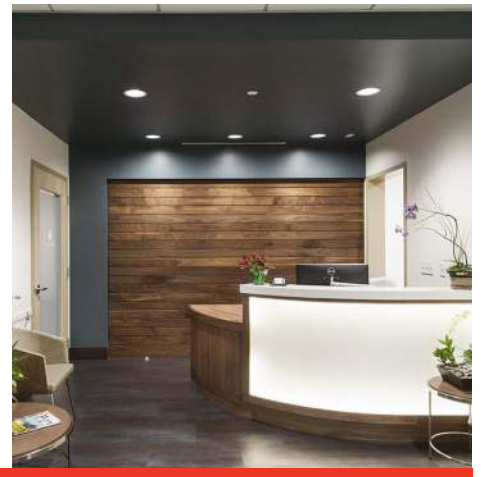
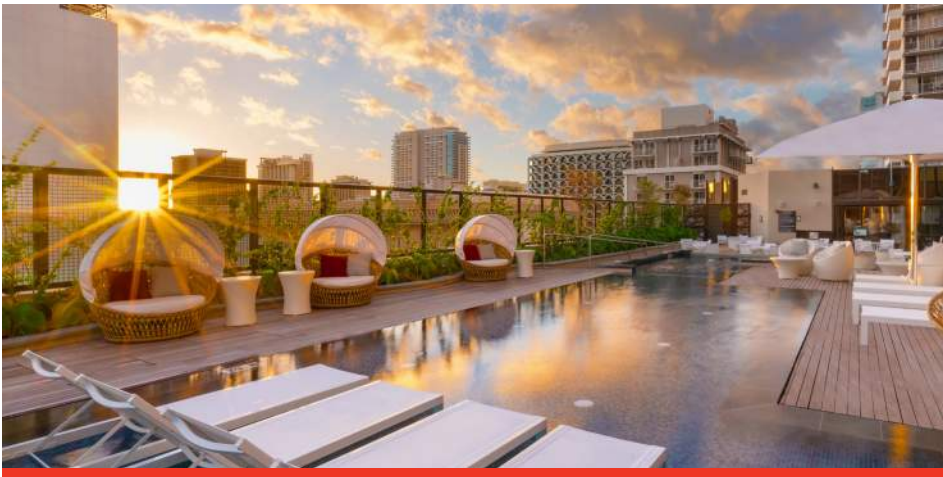
Select GIS experience includes:

- *West Kauai Community Plan*
- *CCH NPDES Storm Water Public Education Project*
- *CCH DEM O'ahu Coastal Communities Evacuation Planning*
- *Commonwealth of the Northern Mariana Islands Standard State Mitigation Plan*
- *DHHL Anahola Regional Plan*
- *DHHL Kahikinui Regional Plan*
- *DHHL Kaua'i Island Plan*
- *DHHL Moloka'i Island Plan*
- *NAVFAC Hawaii Natural Resources and Cultural Resources GIS*
- *USACE West Maui Watershed Study*
- *South Kona FEMA Flood Hazard Study*
- *DOT Airports Division Architectural Data Conversion Phases I-VII*



select client list

- Alexander & Baldwin
- Actus Lend Lease, LLC
- Aeko Hawai'i
- American Savings & Loan Association
- Amfac Corporation
- Armstrong Builders
- Azabu USA Corporation
- Bank of America
- Bank of Hawai'i
- BHP Gas Company
- Black River Energy, LLC
- Blackacre Institutional Capital Mgt, LLC
- Blackstone
- Brookfield Homes Hawai'i, Inc.
- California Institute of Technology
- CBRE
- Chaminade University of Honolulu
- Chartres Lodging Group, LLC
- City and County of Honolulu
- CM&D International, Inc.
- Coconut Plantation Holdings, LLC
- Consuelo Foundation
- County of Hawai'i
- Daiei USA
- Department of Business, Economic Development & Tourism (DBEDT)
- Department of Defense Education Activity (DoDEA)
- State Department of Transportation Airport Division
- State of Hawai'i Department of Hawaiian Home Lands (DHHL)
- State of Hawai'i Department of Land & Natural Resources (DLNR)
- Dole Foods, Incorporated
- EAH Housing
- Elleair Hawai'i, Inc.
- First Hawaiian Bank
- Forest City
- Flintridge Partners
- Gay & Robinson, Inc.
- Government of French Polynesia
- Grosvenor International
- Halekulani
- Haseko (Hawai'i), Inc.
- Hawai'i Baptist Academy
- Hawai'i Health Systems Corporation
- Hawai'i Reserves, Inc.
- Hawai'i Pacific Health
- Hawai'i Pacific University
- Hawaiian Electric Industries
- Hawaiian Telephone Company
- Hilton Worldwide
- Hilton Grand Vacation Club
- H MART Companies, Inc.
- Hōkūli'a
- Honolulu Board of Water Supply
- Host Hotels and Resorts, Inc.
- Hunt Building Company, Ltd.
- Hyatt Vacation Ownership, Inc.
- 'Iolani School
- Iwasaki Group, Japan
- JRANSA
- Kaiser Permanente Hawai'i
- Kamehameha Schools
- Kāne'ohe Ranch Co. Ltd.
- Kapalua Land Company
- Kapolei Property Development, LLC
- Kaua'i County
- Kaua'i Economic Development Board
- Kaua'i Community Federal Credit Union
- Ke Kailani Developement, LLC
- Kisco Senior Living
- Kona Heights, LLC



select client list

- Kuakini Medical Center
- Kualoa Ranch
- Kuilima Development Company
- Kupu Hawai'i
- Kyo-ya Company, Ltd.
- Landmark Hotels
- Lockheed Martin
- Marianist Center of Hawai'i
- Marine Corps Forces, Pacific (MARFORPAC)
- Marriott Corporation
- Marriott Vacation Club International
- Maui County
- Maui County Employees Federal Credit Union
- Maui Land and Pineapple Co.
- Metropolitan Life Insurance Co.
- Monarch Group
- NAVFAC Pacific
- NEC Telenetwox, Ltd.
- Obayashi Hawai'i Corporation
- Oceanic Properties, Incorporated
- Oceanside Partners
- Ohana Real Estate Investors LLC
- Otaka Corporation
- OTO Development
- Outrigger Enterprises
- Pacific Resources, Incorporated
- PacMar, Incorporated
- PBS Hawai'i
- Po'ipu Beach Villas, LLC.
- Prince Resorts Hawaii
- Princess Hotels International, Inc.
- PRM Realty, Inc.
- Prudential Real Estate
- Sea Life Park
- Sentul City
- Servco Pacific
- Shimizu Corporation
- Shin Yang Co., Malaysia
- Shipman Company
- Shiraishi Shokai, Okinawa
- Southern Pacific Communications
- Special Olympics Hawai'i
- Starwood Capital Group, LLC
- Systems International, Inc., Japan
- The Contemporary Museum
- The Estate of James Campbell
- The MacNaughton Group
- The Queen Emma Foundation
- The Queen's Health Systems
- The Resort Group
- The Resort Partners
- The Salvation Army
- The Sullivan Family of Companies
- Theo H. Davies Properties, Inc.
- Timbers Resorts
- Tosei Shoji, Incorporated, Japan
- Tri-Mark Pacific Homes
- Trinity Investments, LLC
- UH Institute of Astronomy
- University of Hawai'i
- University of Hawai'i Federal Credit Union
- University of the Nations
- US Army Corps of Engineers
- VMS Realty, Incorporated
- Victoria Ward Limited
- Wai'alae Country Club
- Woodridge Capital
- Wyndham Worldmark Kihei
- Wyndham Vacation Resorts, Inc.



select projects

Planning & Environment

Master Planning

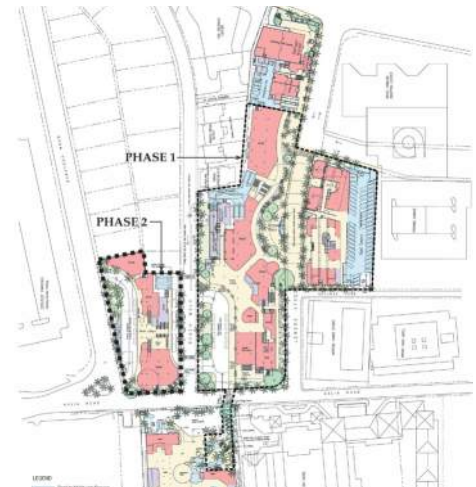
UH Hawai'i Long Range Development Plan	<i>Honolulu, O'ahu</i>
City of Kapolei Master Plan	<i>Kapolei, O'ahu</i>
Princeville Resort Master Plan	<i>Princeville, Kaua'i</i>
Keauhou Resort Community Master Plan	<i>Keauhou, Hawai'i</i>
DHHL Moloka'i and Kaua'i Master Plans	<i>Island of Moloka'i</i>
Tahiti Tourism Outumaoro Master Plan	<i>Tahiti</i>
Ho'opili Master Plan	<i>'Ewa Beach, O'ahu</i>



City of Kapolei Master Plan

Environmental Services/EIS

Mauna Kea Science Reserve EIS	<i>Mauna Kea, Hawai'i</i>
Coconut Island Marine Science EIS	<i>Kane'ohe, O'ahu</i>
Maka'iwa Hills Community EIS	<i>'Ewa Beach, O'ahu</i>
La'ie Community Master Plan EIS	<i>La'ie, O'ahu</i>
Kalaeloa Harbor EIS	<i>Kalaeloa, O'ahu</i>
Hilton Hawaiian Village EIS	<i>Waikiki, O'ahu</i>
Palamanui, North Kona EIS	<i>Kona, Hawai'i</i>
Maluhia at Wailea EIS	<i>Wailea, Maui</i>
Kapolei Haborside Center EIS	<i>Kalaelao, O'ahu</i>
Waikiki Beach Walk EIS	<i>Waikiki, O'ahu</i>
Moku'ula Ecosystem Restoration Phase I	<i>Island of Maui</i>
Pelekane Watershed Ecosystem Restoration EA	<i>Island of Hawai'i</i>



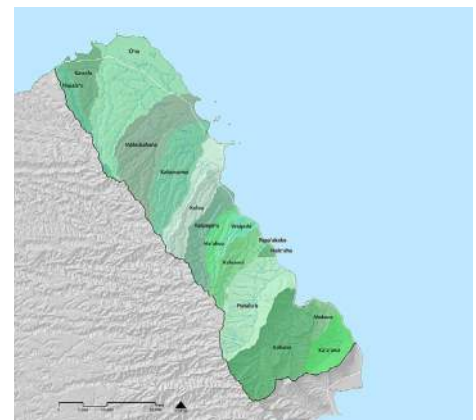
Outrigger Waikiki Beach Walk

Community Involment

Kamehameha Schools North Shore Plan	<i>North Shore, O'ahu</i>
Hanauma Bay Nature Preserve Master Plan	<i>East Honolulu, O'ahu</i>
Kailua Town Master Plan	<i>Kailua, O'ahu</i>
Wailua Town Master Plan	<i>Wailua, O'ahu</i>
Keanae-Wailunui Cultural Landscape Study	<i>Island of Maui</i>

Military Planning

MCAS Iwakuni Master Plan	<i>Yokota, Japan</i>
U.S. Navy Plans Various	<i>Various Locations</i>
U.S. Army Hawai'i North-End Plan	<i>Schofield Barracks, O'ahu</i>
Real Property Master Plan Okinawa	<i>Okinawa, Japan</i>
Ko'olau Loa Watershed Management Plan	<i>Island of O'ahu</i>



Ko'olau Loa Watershed Plan

resumes

MARK KĀWIKĀ MCKEAGUE

AICP
President, Principal Planner
Director of Cultural Planning



Mark Kāwika McKeague brings over 26 years of experience as a Kanaka Maoli planner, integrating indigenous knowledge, cultural stewardship, and environmental responsibility into transformative planning solutions. As Principal Planner at G70, he leads efforts to craft community-driven master plans, cultural resource management programs, and environmental impact studies, ensuring that each project reflects the values of mālama 'āina (caring for the land) and kuleana (responsibility) at its core. Grounded in the ancestral wisdom of Hawai'i and skilled in fostering meaningful collaboration, he works across public, private, and non-profit sectors to deliver culturally resonant and sustainable outcomes. In his various leadership roles, he advocates for embedding a Native Hawaiian perspective into planning frameworks that honor both people and place with cultural and environmental integrity.

CULTURAL RESOURCE MANAGEMENT:

Kalāhuipua'a Fishpond - Environmental & Cultural Restoration Plan Due Diligence
Puowaina, O'ahu

Kamehameha Schools - Cultural Resource Management Plan
State of Hawai'i

Kamehameha Schools - North Shore Plan
Island of O'ahu

Kamehameha Schools - Natural Resource Management Plan Update
State of Hawai'i

Kamehameha Schools - Keauhou Bay Management Plan
Keauhou, Hawai'i

Office of Hawaiian Affairs - Strategic Management Framework for Kaka'ako Makai
Honolulu, O'ahu

Department of Hawaiian Home Lands - Moloka'i Island Plan
Island of Moloka'i

Board of Water Supply Ha'ikū Stairs
He'eia, O'ahu

Aloha Solar Energy Fund I
Lualualei, O'ahu

Aloha Solar Energy Fund II
Kalaeloa, O'ahu

SELECTED PROJECTS:

Kawaihae Deep Draft Harbor Modification - NEPA EIS, CRM
North Kohala, Hawai'i

Hana Harbor Development Plan SDOT - Master Plan, SMA, CRM
Hana, Maui

Ocean Bay Hanamā'ulu - EIS, CDUP and General Plan Amendment, CRM
Hanamā'ulu, Kaua'i

Hilton Hawaiian Village Improvements - Master Plan, EIS, CRM
Honolulu, O'ahu

Hawaii Film Studio - Master Plan, EA, SMA, CRM
Honolulu, O'ahu

University of Hawai'i at Mānoa C-MORE - Master Plan and EA, CRM
Honolulu, O'ahu

Department of Hawaiian Home Lands - Ho'olehua Veteran Center - EA, Master Plan, CRM
Ho'olehua, Molokai

Outrigger Waikīkī Beach Walk - EIS, SMA Permit, CRM
Honolulu, O'ahu

Kanu O Ka 'Āina Learning 'Ohana - Master Plan and EA, CRM
Kamuela, Hawai'i

PROFESSIONAL REGISTRATIONS & ASSOCIATIONS:

American Planning Association, Hawai'i Chapter (APA-HI), Member

APA National Tribal and Indigenous Planning Division, Executive Council,
2023-present

Omidyar Fellow, 2019-2020

Hula Mamo Hawaiian Civic Club, 2012-2013

Lamda Alpha International Aloha Chapter, Member 2021-present

Historic Hawai'i Foundation, Board of Trustees and Executive Committee,
2021-present

Hawai'i Leeward Planning Conference (HLPC), Member

Native Hawaiian Chamber of Commerce, Member

PA'I Foundation, Board of Director 2001-2003; President, 2003-Present

O'ahu Island Burial Council, Chair; Vice-Chair; 'Ewa Moku Representative,
2005-2012

EDUCATION:

NAGPRA, ARPA Application & Requirement
National Preservation Institute

Hawai'i State Foundation on Culture and the Arts, Folk and Traditional Arts Apprentice Program
Cyril Lani Pahinui

Section 106: A Review for Experienced Practitioners
National Preservation Institute

Consultation and Protection of Native American Sacred Lands
National Preservation Institute

Master of Urban and Regional Planning
University of Hawai'i at Mānoa, HI

Historic Preservation Graduate Certificate
University of Hawai'i at Mānoa, HI

Identification & Management of Traditional Cultural Places
National Preservation Institute

B.A. Political Science
University of Hawai'i at Mānoa, HI

FEMA Certified HURRIPLAN Resilient Building Design Coursework
National Disaster Preparedness Training Center

DeVos Institute of Arts Management at the Kennedy Center for Performing Arts

CODY WINCHESTER

DMHA, AICP
Associate
Senior Planner



With over 12 years of professional experience in Hawai'i, Cody specializes in community-based resiliency planning and historic preservation. He is adept at preparing environmental impact documents, land use permit applications, master plans, and technical assessments of climate change factors. He is also skilled at navigating Hawai'i's Chapter 6E and federal Section 106 historic preservation processes for archaeological, architectural, and cultural resources. Cody has a proven track record of engaging directly with communities, including underserved populations across Hawai'i. A strong communicator, Cody excels at presenting complex technical data in clear, actionable language for decision-makers and stakeholders.

Cody's professional background includes his tenure at G70, where he advanced environmental and climate resiliency projects, and his work at the National Disaster Preparedness Training Center (NDPTC) on coastal hazard adaptation research and training programs. In addition to his professional contributions, he serves as a board member of the Hawai'i Wildfire Management Organization.

SELECTED PROJECTS:

Washington Place Restoration Project
Honolulu, O'ahu

Kapuanoni Heiau Restoration Project
Kahalu'u, Hawai'i

**Brigham Young University - Plan Review
Use Permit**
Lā'ie, O'ahu

**Department of Hawaiian Home Lands -
Pu'u 'Ōpae Special Area Plan**
Waimea, Kaua'i

**Department of Hawaiian Home Lands -
Anahola Kuleana Settlement Plan**
Anahola, Kaua'i

HoKua Place Climate Change Analysis
Kapa'a, Kaua'i

**City and County of Honolulu -
Emergency Operations Center EA**
Honolulu, O'ahu

**Department of Transportation -
Hilo Harbor Improvements**
Hilo, Hawai'i Island

Board of Water Supply - Ha'ikū Stairs EIS
Kāne'ohe, O'ahu

**Department of Transportation - Kawaihae
Harbor Improvements**
Kawaihae, Hawai'i Island

**Hilton Hawaiian Village Sea Level Rise
Adaptation Study**
Honolulu, O'ahu

Ko'olauloa Resilience Hub EA
Hau'ula, O'ahu

**Kamehameha Schools - Keauhou Bay
Management Plan EIS**
Kailua-Kona, Hawai'i Island

Keaukaha Panaewa Resilience Hub
Hilo, Hawai'i Island

LRE Pūlehu Solar Climate Change Analysis
Kula, Maui

LRE Mahi Solar GHG Analysis
Kunia, O'ahu

**National Park Service & Ka 'Ōhana O
Kalaupapa Memorial**
Kalawao, Kalaupapa, Moloka'i

**United States Air Force - Kaena Point
Satellite Tracking Station Helipad NEPA EA**
Wai'anae, O'ahu

PROFESSIONAL REGISTRATIONS & ASSOCIATIONS:

American Institute of Certified Planners
(AICP), Member

American Planning Association (APA) -
Hawai'i Chapter

APA - Tribal and Indigenous Planning
Division, Member

APA - Hazard Mitigation and Disaster
Recovery Planning Division, Member

APA - LGBTQ and Planning Division,
Member

Hawai'i Leeward Planning Conference

Hawai'i Wildfire Management
Organization, Board Member

EDUCATION:

Master of Urban and Regional Planning
University of Hawai'i at Mānoa, HI

**Disaster Management and Humanitarian
Assistance (DMHA) Certificate**
University of Hawai'i at Mānoa, HI

B. S. Geology
Oklahoma State University, OK

BARBARA NATALE

AICP
Associate
Senior Planner/Project Manager



As a Senior Planner, Barbara brings 21 years of experience in Master Planning, Environmental Impact documentation, land use permitting, and community involvement for private developments, county, state, and non-profit sector clients. Her work spans from healthcare, recreational, and educational facilities, to renewable energy, watershed management, and community master plans. Her passion lies in ahupua'a/watershed management, integrating traditional Hawaiian land management methods with scientific evaluations, encompassing the natural, social, and economical aspects of both. Barbara's experience gives her a well-grounded foundation and comprehension of community and environmental concerns, which enables her to develop effective plans with implementable management measures.

SELECTED PROJECTS:

4439 Kāhala Avenue EA and SMA Modification
Honolulu, O'ahu

Board of Water Supply - North Shore Watershed Management Plan
Hale'iwa, O'ahu

Board of Water Supply - Waihe'e Lo'i Restoration and Riparian Learning Center - EA
Kahalu'u, O'ahu

City and County of Honolulu NPDES - Stormwater Public Education & Inspections
Honolulu, O'ahu

Department of Environmental Services, Refuse Division - Kawaihoa Transfer Station EA and SMA
Kawaihoa, O'ahu

Department of Hawaiian Home Lands - Anahola Settlement Plan, EA
Anahola, Kaua'i

Department of Hawaiian Home Lands - Anahola Phase 2 Water Systems
Anahola, Kaua'i

Department of Hawaiian Home Lands - Ho'olehua Veterans & Resident's Community Center, EA
Ho'olehua, Moloka'i

Hawai'i Gas Due Diligence
Kalaeloa, O'ahu

Department of Hawaiian Home Lands - King's Landing Kuleana Homestead Settlement Plan, EA
Hilo, Hawai'i

Department of Hawaiian Home Lands - Moloka'i Coastal Community Resilience Plan
Island of Moloka'i

Department of Hawaiian Home Lands - Pu'u 'Ōpae Settlement Plan, EA
Waimea, Kaua'i

Department of Hawaiian Home Lands - Waimānalo Regional Plan Update
Waimānalo, O'ahu

Hāna Health - Environmental Narrative
Hāna, Maui

Department of Transportation, Harbors Division - Hāna Harbor Development Plan
Hāna, Maui

Kualoa Regional Park - Wastewater System Improvements, EA, SMA Permit
Kāne'ohe, O'ahu

Girl Scouts Hawai'i - Improvements to Girl Scout Camps Statewide EA
Statewide, Hawai'i

Kualoa Ranch - Master Plan, EA, SUP
Kāne'ohe, O'ahu

Honokea Kalaeloa EA
Kalaeloa, O'ahu

PROFESSIONAL REGISTRATIONS & ASSOCIATIONS:

American Institute of Certified Planners (AICP), Member

American Planning Association, Hawai'i Chapter (APA-HI), Member

Public Issues/Governmental Affairs Committee, Chair

APA National Tribal and Indigenous Planning Division, Member

Patsy T. Mink Leadership Alliance, Cohort 8 (2023-2024)

Kalihi Ahupua'a Ulu Pono Ahahui - Treasurer (2006-2007, 2010-2015)

EDUCATION:

Masters of Urban and Regional Planning
University of Hawai'i at Mānoa, HI

Bachelor of Science, Biology
University of Hawai'i at Mānoa, HI

Community Resilience, Certificate of Completion

National Disaster Preparedness Training Center (NDPTC)

Wildfire Defense for Construction Professionals, Certificate of Completion
U.S. Green Building Council California (USGBC CA)

PROJECT HONORS & AWARDS:

DHHL Pu'u 'Ōpae Kuleana Homestead Settlement Plan, APA Hawai'i Outstanding Planning Award - Equity Projects, 2022

KAUAHI CHING

Designer



Kauahi is a designer whose voice and experience is directly tethered with her identity as a hula practitioner and lifelong kupa of Kailua, O'ahu. She earned her Bachelor's of Environmental Design with a focus in Heritage Design and a minor in Hawaiian Language from the University of Hawai'i at Mānoa. As a burgeoning scholar in the areas of Hawaiian knowledge, language, land research, and cultural planning, she works to integrate a unique world-view and mindset with her passion for building indigenous design identity. Her previous work in land management has made her devoted to community engagement, immersion, and advocacy both inside and outside of the design and planning practice.

SELECTED PROJECTS:

Element Hotel Kapolei

Kapolei, O'ahu

Kamehameha Schools - He'eia Plan, Master Planning & Community Outreach

He'eia, O'ahu

City and County of Honolulu - Emergency Operations Center, Schematic Design

Honolulu, O'ahu

Lili'uokalani Trust - Kona Kīpuka Children's Center, Schematic Design

Kona, Hawai'i

Kuilima Farms - Branding Identity & Masterplan

Kahuku, O'ahu

'Aikahi Park Shopping Center

Kailua, O'ahu

Lāhaina Cannery

Lāhaina, Maui

Mālama Market Pāhoa

Pāhoa, Hawai'i

Sheraton Princess Ka'iulani Hotel

Honolulu, O'ahu

Kauluakalana Master Plan

Kailua, O'ahu

Ho'okua'āina Pālāwai Conceptual Master Plan

Kailua, O'ahu

Ha'ikū Valley Conceptual Master

Ha'ikū, O'ahu

Ke'ehi Lagoon Conceptual Master Plan

Ha'ikū, O'ahu

Sheraton Princess Ka'iulani Context Study

Honolulu, O'ahu

Kuilima Farms - Cultural Landscape Assessment

Kahuku, O'ahu

Hale'iwa Agricultural Cluster - Cultural Landscape Assessment & IAL Designation

Pa'ala'a, Waialua, O'ahu

Samual Mahelona Memorial Hospital - Cultural Landscape Assessment

Kapa'a, Kaua'i

Department of Hawaiian Homelands - Pu'u 'Ōpae Special Area Plan

Kekaha, Waimea, Kaua'i

Office of Hawaiian Affairs - Kūkaniloko Master Plan*

Wahiawā, O'ahu

Office of Hawaiian Affairs - Palauea Preservation Plan*

Palauea, Honua'ula, Maui

Office of Hawaiian Affairs - Wao Kele o Puna Comprehensive Management Plan*

Waiakahiula, Ka'ohe, Puna, Hawai'i

EDUCATION:

**Bachelor of Environmental Design
Minor in Hawaiian Language**

University of Hawai'i at Mānoa, HI

AFFILIATIONS:

Kailua Hawaiian Civic Club, Member

2015 - Present

Hālau Mōhala 'Ilima - 'Ōlapa

1998 - Present

Merrie Monarch - Lei 'āpiki

2015 - Present

**Project Work Prior to G70*



KAILI CHUN

Artist



Sculptor and installation artist Kaili Chun negotiates ideas of containment and exposure, agency and restraint. Process and materials transform physical spaces into unique environments commenting on contemporary issues in her work. She often constructs narratives through symbols and objects that address the impact of historical events on the present day. Organic elements are sometimes included in her pieces, and the changes they undergo during the course of an exhibition metaphorically reference the nature of culture as an evolutionary process.

Chun's diverse training includes receiving her Bachelor's in Architecture from Princeton University, during which time she also studied with renown ceramicist Toshiko Takaezu; a Master of Fine Art degree from the University of Hawaii at Mānoa; and an apprenticeship with master canoe builder and woodworker Wright Elemakule Bowman, Sr.

SELECTED CULTURAL RESOURCE PROJECTS:

Prince Waikīkī
Honolulu, O'ahu

Wyndham Waikīkī Beach
Honolulu, O'ahu

Marriott King Kālakaia Plaza
Honolulu, O'ahu

**University of Hawai'i at Mānoa
Sinclair Library**
Honolulu, O'ahu

SELECTED EXHIBITIONS AND INSTALLATIONS:

Sharjah Biennale, 2025
Abu Dhabi, United Arab Emirates

Stemflow - Osage Gallery, 2024
Hong Kong, China

**'Ai Pohaku - University of Hawaii at
Mānoa, Art Gallery, 2023**
Hong Kong, China

Tenth Asia Pacific Triennial - QAGOMA,
2022
Brisbane, Australia

**Artists of Hawai'i - Honolulu Museum of
Art, 2017**
Honolulu, O'ahu

Landesmuseum, 2016
Hannover, Germany

Wing Luke Museum, 2015
Seattle, Washington

Westin Hapuna Beach Hotel
Wailea, Maui

**"Hulali I ka lā" Installation - Prince
Waikīkī**
Honolulu, O'ahu

EDUCATION:

Apprentice to Wright Bowman, Sr.
1996 - 2003
Princeton University, NJ

**Assistant Professor, Kanaka Maoli Native
Hawaiian Visual Art**
2024 - Present
University of Hawai'i at Mānoa, HI

Master of Fine Arts
University of Hawai'i at Mānoa, HI

Bachelor of Architecture
Princeton University, NJ

Kamehameha Schools
Honolulu, HI

PROJECT HONORS & AWARDS:

**Ho'okupu Center - IIDA Ho'ohuli Awards,
Serve Award,**

**Honolulu Museum of Art - John Young
Award, 2017**

**Honolulu Academy of Art - Catherine
E. B. Cox Award, 2016**

**Native Arts & Cultures Foundation -
NACF Artist Fellowship, 2014**

Joan Mitchell Center Artist Residency,
2013

**Joan Mitchell Center Foundation Painters
and Sculptors Grant, 2010**

**Hawai'i State Foundation on Culture and
Arts - Individual Artist Award, 2000**

KAILI CHUN

Artist

SELECTED EXHIBITIONS AND INSTALLATIONS:

Hawai'i State Hospital
Kāne'ohe, O'ahu

"Kaiaola" Installation - G70
Honolulu, O'ahu

**"Net_work" Installation -
Honolulu Museum of Art**
Honolulu, O'ahu

**"Net_work" Installation -
Ho'okupu Center**
Honolulu, O'ahu

Hawai'i Music & Life Festival, 2019
Tokyo, Japan

**Inagural Exhibition, Lo'i Gallery -
American Savings Bank, 2019**
Honolulu, O'ahu

iBiennale - YCenter for the Arts, 2019
Honolulu, O'ahu

Artizen - Hawai'i State Art Museum, 2018
Honolulu, O'ahu

**Hawai'i Portfolio Exhibition -
Hawai'i State Art Museum, 2018**
Honolulu, O'ahu

Inagural Office Exhibition - G70, 2018
Honolulu, O'ahu

**Artists of Hawai'i -
Honolulu Museum of Art, 2017**
Honolulu, O'ahu

Honolulu Biennial - Bishop Museum, 2017
Honolulu, O'ahu

Aloha 'Aina - Galerie Rasch, 2017
Kassel, Germany

Hawai'i - Linden Museum, 2017
Stuttgart, Germany

**Pacific to Atlantic: Contemporary Artists
from Hawai'i - Westwood Gallery, 2017**
New York, New York

Set in Paradise, II Gallery, 2012
Honolulu, O'ahu

**Hawai'i Art Now -
Honolulu Museum of Art, 2012**
Honolulu, O'ahu

**Artists of Hawai'i -
Honolulu Academy of Arts, 2011**
Honolulu, O'ahu

**HSFCA Individual Artist Fellowship
Award Exhibition, 2010**
Honolulu, O'ahu

**Artists of Hawai'i -
Honolulu Academy of Arts, 2007**
Honolulu, O'ahu

**"Nau Ka Wae" -
Honolulu Academy of Arts, 2006**
Honolulu, O'ahu

Kona Village
Kailua Kona, Hawai'i

project profiles

Honolulu Board of Water Supply North Shore Watershed Management Plan

NORTH SHORE, O'AHU

The North Shore Watershed Management Plan provides a 20-year plan for preservation, restoration and balanced management of ground water, surface water and watershed resources in O'ahu's North Shore district. The Plan contains long-range water demand and supply projections and establishes a Water Use and Development Plan. The Plan includes 31 watershed planning projects and strategies which address aquifer source protection and watershed management. Development of the Plan included extensive community and landowner consultation.

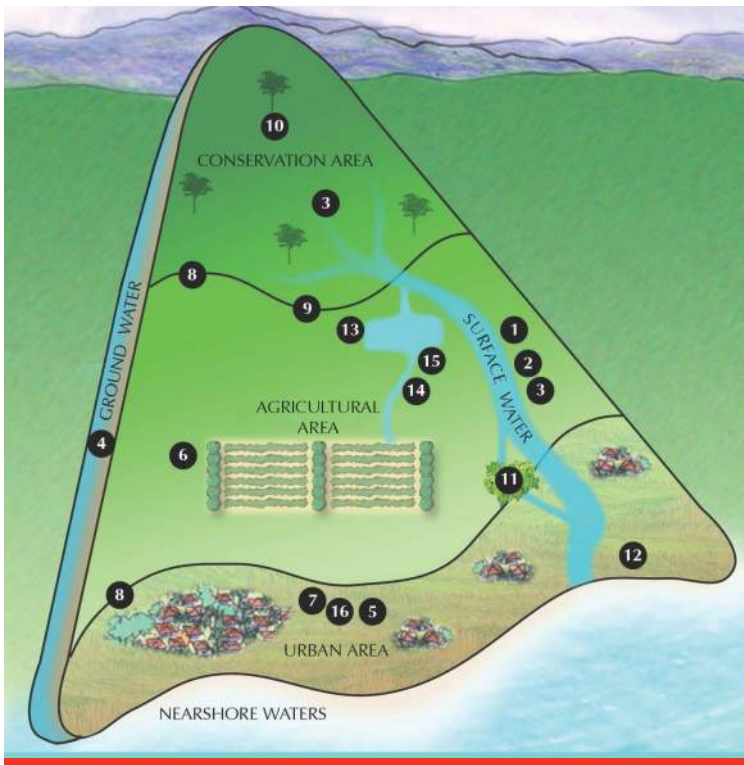
PROJECT FACTS

Client: Honolulu Board of Water Supply

Client: 77,000 acres

SERVICES PROVIDED

Watershed Management Planning



Honolulu Board of Water Supply Waihe'e Lo'i Restoration and Riparian Learning Center

WAIHE'E, O'AHU

The Waihe'e Lo'i Restoration and Riparian Learning Center in Waihe'e, O'ahu will restore traditional lo'i kalo and the stream environment through community involvement and education that re-instills a sense of shared kuleana for watershed management in Waihe'e Valley. Proposed activities include restoring existing fallow lo'i; help maintain existing 'auwai system used by the taro farmers downstream; and restore riparian and forest areas with appropriate native and non-invasive plants. G70 performed all environmental engineering and surveying services in connection with the Environmental Assessment.

PROJECT FACTS

Client: Honolulu Board of Water Supply

Size: 27 acres

Completion: January 2021

SERVICES PROVIDED

Planning & Environment

Environmental Assessment



City & County of Honolulu

Ko'olau Loa Watershed Management Plan

HAU'ULA, O'AHU

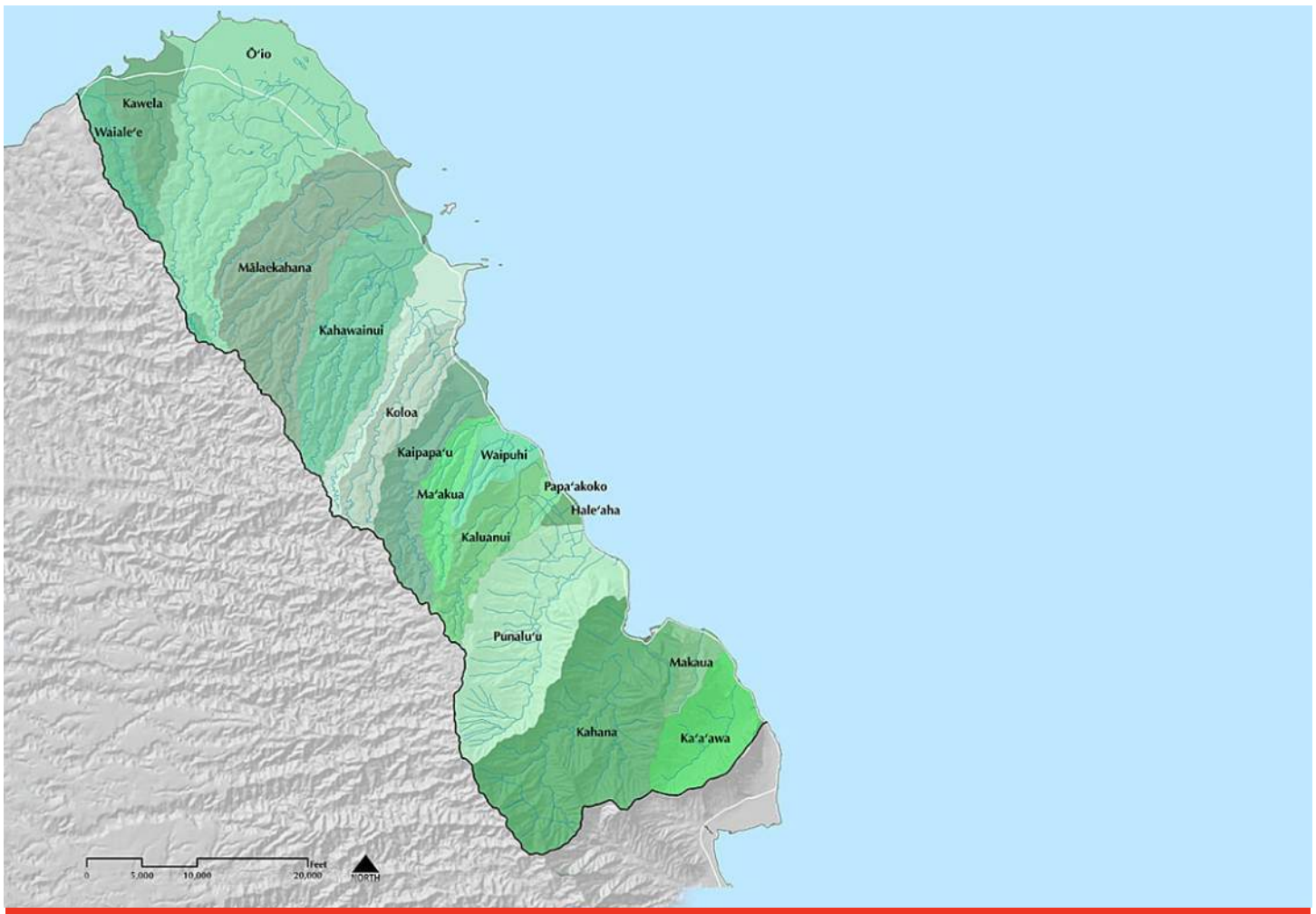
G7o and the City and County of Honolulu Board of Water Supply developed a district-wide Ko'olauloa Watershed Management Plan (KWMP) to meet the requirements of the State of Hawai'i water code and City and County ordinance. The overall goal of the KWMP is to provide short, mid, and long-range guidance for the sustainable management and use of Ko'olauloa's valuable and finite natural resources. Water sources are matched with the forecasted water needs to ensure water availability through 2030. G7o coordinated community involvement to ensure that the issues and values that the community sees as most important are incorporated into KWMP. The project involves consultations with Native Hawaiian advocacy groups to address culturally important surface water resources to enhance native species habitats and indigenous agricultural uses.

PROJECT FACTS

Client: City & County of Honolulu

SERVICES PROVIDED

Planning & Environment



Ko'olau Loa Sustainable Communities Plan

WINDWARD, O'AHU

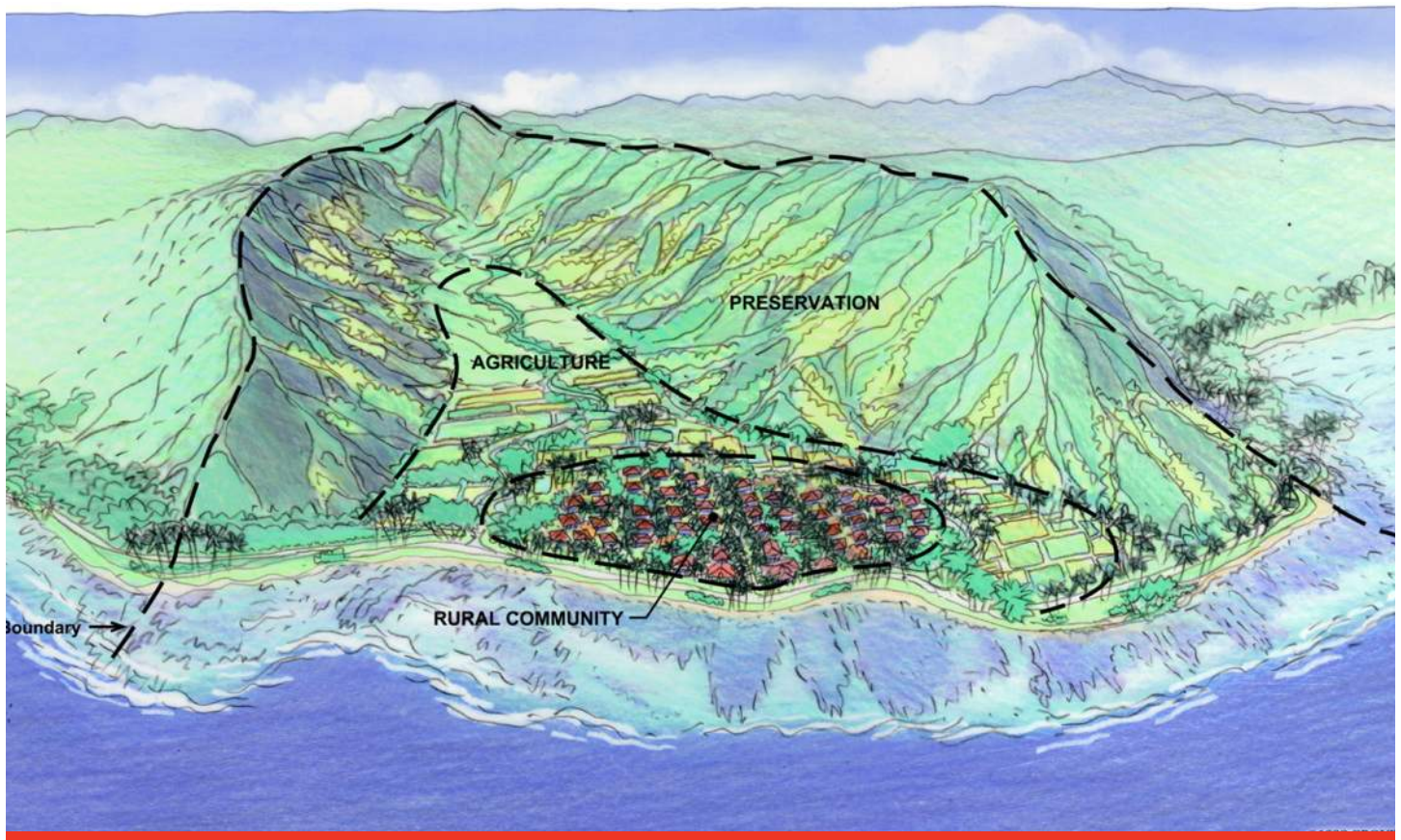
Ko'olau Loa is projected to maintain its country character and to experience very little growth over the plan's 20 year planning horizon. The plan supports this and include policies to limit the growth of the region's housing and commercial development, protect cultural and natural resources, and retain the patterns of development characteristic of the region. The vision for Ko'olau Loa seeks to preserve the region's rural character and its natural cultural, scenic and agricultural resources. The region will remain country, characterized by small towns and villages with distinctive identities that exist in harmony with the natural settings of mountain ridges and winding coastline. This project included extensive community involvement.

PROJECTS FACTS

Client: City and County of Honolulu,
Department of Planning and Permitting

SERVICES PROVIDED

Planning



Kamehameha Schools North Shore Plan

NORTH SHORE, O'AHU

G70 worked with Kamehameha Schools to develop a Plan for 26,000 acres on O'ahu's North Shore. The planning process engaged North Shore residents through small group sessions, workshops, survey, youth forums and a project website, which created a high level of community investment in the Plan. The extensive analysis and selection of projects utilized Kamehameha Schools Five Values and resulted in plans to pursue projects that support the restoration of key wahi pana as part of the Plan's vision of a sustainable future. A key component of the plan included a cultural asset inventory within the region. The plan won the American Planning Association Hawai'i Chapter 2008 Outstanding Planning Award and the 2011 National Planning Excellence Award for Innovation in Sustainable Places.

PROJECT FACTS

Client: Kamehameha Schools

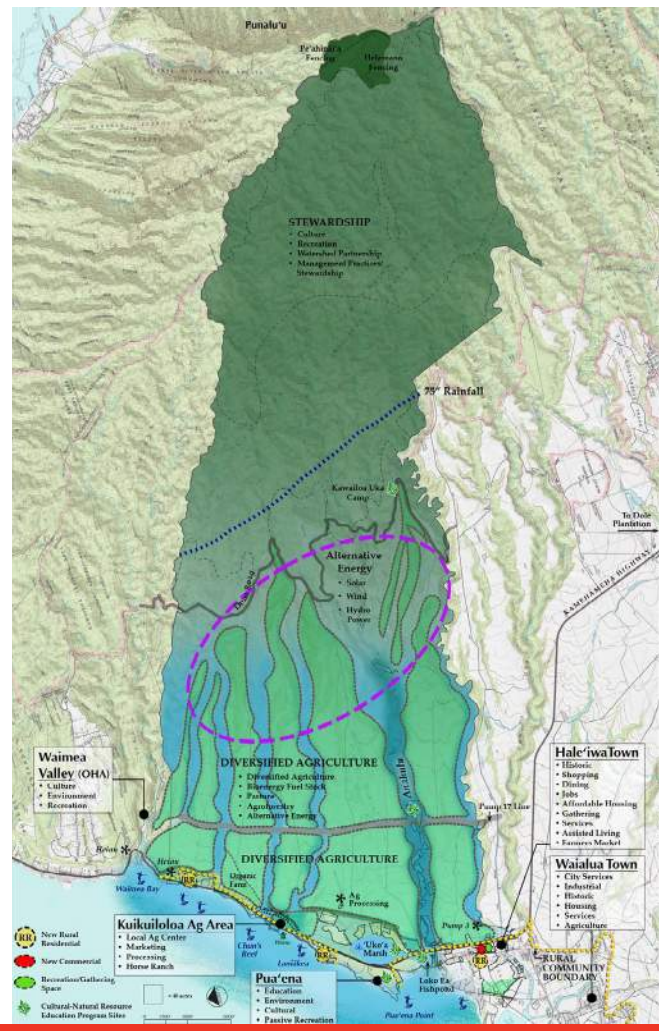
Size: 26,000 acres

Construction: N/A

Completion: 2008

SERVICES PROVIDED

Planning



Pelekane Bay/Watershed Ecosystem Restoration

NORTH KOHALA, HAWAII

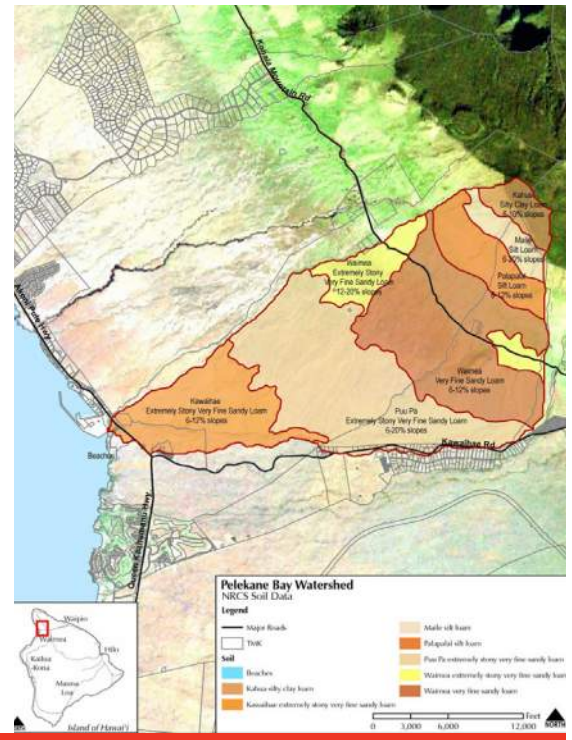
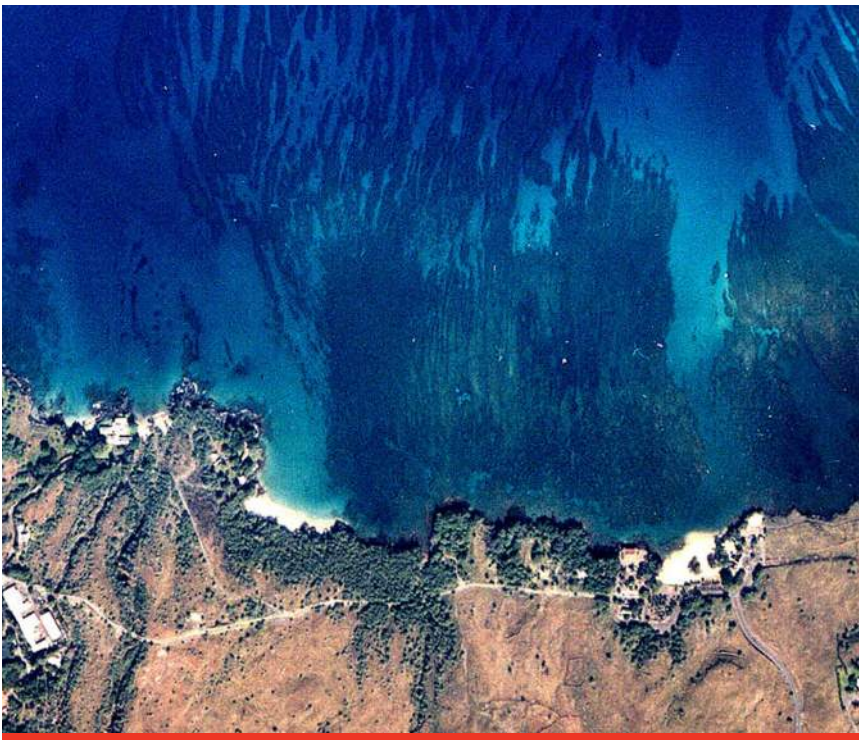
Under this project Group 70 supported a GIS-based sediment runoff analysis. The National Oceanic and Atmospheric Administration (NOAA) Coastal Services Center developed a spatially distributed (raster-based) pollutant and sediment yield model called Nonpoint Source Pollution and Erosion Comparison Tool (N-SPECT). N-SPECT was applied and used to examine the relationship between parameters including rainfall, terrain characteristics, soil types, vegetation cover and existing drainage routes and systems in order to assess spatial patterns of runoff and erosion. N-SPECT is a Geographic Information System (GIS) tool implemented in ESRI's ArcGIS software.

PROJECTS FACTS

Client: US Army Corps of Engineers

SERVICES PROVIDED

Planning



U.S. Army Corps of Engineers West Maui Watershed Study

WEST MAUI, MAUI

Watershed plans were developed to in an effort to reduce pollutant impacts on West Maui's coral reefs. The *Kahana, Honokahua and Honolua Watersheds Characterization Report* identifies existing watershed conditions and the *Kahana, Honokahua and Honolua Watersheds Strategies and Implementation Report* recommends policies and management measures for the urban, agriculture and conservation areas of the three watersheds. The plans were developed with a multi-agency government team and the local West Maui Ridge to Reef Working Group.

PROJECT FACTS

Client: U.S. Army Corps of Engineers

Size: 12,000 acres

SERVICES PROVIDED

Watershed Management Planning

GIS Mapping & Analysis



Mokuhinia/Moku'ula Ecosystem Restoration Plan

MALU'ULU LELE PARK, LAHAINA, MAUI

Loko o Mokuhinia was part of a complex of ponds called Kalua o Kiha, or "the Pit of Kiha", where the Maui royal family's tutelary akuawahine, Kihawahine, was said to reside. Mokuhinia formed naturally thousands of years ago behind a long beach berm, where groundwater springs were the primary source of water. Originally a 17-acre freshwater fishpond, the area was filled in for a County park in the early 1900s. The Ecosystem Restoration Project, Phase 1 intended to begin the master plan to restore the island, pond, and wetland area of Moku'ula and Mokuhinia. Services comprised of a detailed hydraulic investigation, a ESA Phase I hazardous materials assessment, and a compendium of archaeological and historical data as due diligence for a future NEPA EA.

PROJECT FACTS

Client: U.S. Army Corps of Engineers (USACE) & County of Maui (in partnership with Friends of Moku'ula)

Size: 11-17 acre freshwater fishpond, 1-acre island

SERVICES PROVIDED

Planning





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