

Services in Hawai'i

OUR BACKGROUND

The H. T. Harvey & Associates Hawai'i team has decades of cumulative experience working in Hawai'i. From modeling the potential impacts of renewable energy projects on the Hawaiian hoary bat and endangered birds, to devising invasive plant control tactics, to developing management, monitoring, and habitat conservation plans for terrestrial and marine projects, we deliver a range of specialized ecological services in Hawai'i. With intimate local knowledge of Hawai'i's ecosystems and the regulatory and policy landscape, and company-wide support from more than 100 scientists and other professionals, we apply our expertise in wildlife, plant, and fish and aquatic ecology to assist clients with resource management decisions and conservation activities unique to Hawai'i's ecosystems.

SENIOR STAFF

Senior Associate Ecologist, Paul Conry, MS, a former administrator for the Hawai'i Division of Forestry and Wildlife, leads our Hawai'i office. Trained in wildlife biology, he combines knowledge of Hawai'i's natural resources with more than 30 years of experience with environmental regulatory processes.

Senior Ecologist, Shahin Ansari, PhD, is a seasoned plant ecologist who understands the Hawaiian Islands' habitats, ecological history, unique native biota, and invasive plant control methods.

Principal, Scott Terrill, PhD, is an internationally recognized avian ecology and behavior expert. He directs our renewable energy and research activities, including projects for wind energy clients in Hawai'i.

Principal, Sharon Kramer, PhD, is a marine biologist who leads our marine and hydrokinetic team. She brings her aquatic ecology and fish biology expertise to renewable energy projects in Hawai'i, California, and beyond.

Associate Ecologist, Dave Johnston, PhD, is a wildlife ecologist and authority on bats. He has worked on hundreds of bat-related projects, and has handled, studied, and developed protocols for the Hawaiian hoary bat.

Senior Ecologist, David Ainley, PhD, is a noted avian ecologist and expert on the ecology of Hawaiian petrel and Newell's shearwater. He develops conservation strategies for threatened and endangered species.

Senior Ecologist, Peter Nelson, PhD, is a marine ecologist with more than 20 years of experience working with fish. Pete's expertise includes fish community ecology, coral reef health, and collaborative fisheries management.



SERVICES

- » Ecological support for renewable energy projects
- » Environmental analyses
- » Habitat conservation planning
- » Habitat restoration design
- » Permitting and compliance support
- » Special-status species studies and consultations
- » Applied research



We create ecologically sound solutions to our clients' complex natural resource challenges.

HAWAII PROJECTS

Hawai'i Department of Agriculture's Interagency Biosecurity Plan – Statewide

Research, writing, community outreach, and multiple agency coordination to develop comprehensive, statewide implementation actions to protect Hawai'i's economy, natural environment, and health and lifestyle of its people and visitors from the threats posed by invasive species.

Updates to Hawai'i's Wildlife and Forest Action Plans – Statewide

New assessments of statewide wildlife conservation and flora protection needs and species vulnerability, species accounts, and management recommendations for DLNR's Hawai'i's Wildlife and Forest Action Plans.

Permitting assistance for a small boat harbor – Island of Hawai'i

Coral, coral habitat, and marine life surveys to support permits related to harbor improvements in Kawaihae, and protocol revisions for coral relocation to avoid direct impacts on essential fish habitat.

Regulatory and planning support for establishing a National Estuarine Research Reserve (NERR) in Hawai'i – O'ahu

Gap analysis of available natural resources, species, and habitat data, analysis of project impacts, and development of a reserve management plan to support designation of He'eia estuary in Kane'ohe Bay as a NERR.

Hawaiian hoary bat radiotelemetry, acoustic monitoring, and modeling at a wind energy site, and at a mitigation wetland – O'ahu

Evaluation of Hawaiian hoary bat presence, movements, home range, and behavior to assist with strategies to reduce and effectively mitigate for take under an existing habitat conservation plan.

Proposed operational protocols to avoid take of Hawaiian hoary bat during timber harvest operations – Statewide

Scientifically sound and practical protocol proposed for protecting the endangered Hawaiian hoary bat during forest harvest. This protocol was developed with the Hawai'i Forest Industry Association and submitted for agency review.

Hawaiian petrel and Newell's shearwater population modeling for wind energy site mitigation options – Maui

A deterministic population dynamics model for evaluating the effects of predation and predator control on Hawaiian petrel and Newell's shearwater in three mitigation scenarios for several wind energy projects. These models were critical in informing current mitigation strategies.

Botanical surveys for infrastructure improvements projects – Lāna'i

Inventory and documentation of botanical species for potential airport and road expansion, as part of an environmental assessment.



EXAMPLES OF CLIENTS

Hawai'i Department of Agriculture
Engineering Partners, Inc.

Goodfellow Bros, Inc.

Green Energy Team, LLC

Hawai'i Department of Land and Natural
Resources (DLNR)

Hawai'i Forest Industry Association

National Marine Fisheries Service

Office of Planning, State of Hawai'i

SunEdison

U.S. Fish and Wildlife Service

U.S. Geological Survey



COMPANY OVERVIEW

Since 1970, the highly trained ecologists and professionals at H. T. Harvey & Associates have delivered exceptional consulting services to public agencies, private entities, and nonprofits.

CONTACT US

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