The extinction crisis facing ecosystems around the world is most threatening on islands, where over half of all animal extinctions in the past 500 years have occurred. From coral reefs to mangrove forests, the world’s islands house a multitude of unique habitats and wildlife.

At the same time, island communities are under increased pressure to boost economic development, even at the cost of environmental damage. As many of the world’s most vulnerable islands are also among the smallest, these ecological gems are often overlooked.

Our win-win approach tackles both environmental threats and humanitarian challenges, creating marine and terrestrial reserves on islands while improving the quality of life for the local communities.

We find solutions by asking islanders to identify a communal need Seacology can provide, such as a school or a freshwater-delivery system. In exchange, the village agrees to protect a nearby marine or terrestrial area.
Seacology’s Duane Silverstein, third from right, joins other recipients of the 2018 Momentum For Change award.

Seacology’s Pettine Simpson and Mary Randolph with village leader Iliki Nationilali at Nakolavo, Fiji.
Seacology is a small not-for-profit organization, focused on local island projects that have global consequences. We partner with island villagers throughout the world, offering a win-win proposition: funding a school, medical clinic, or water supply in return for the village setting aside their forest or coral reef as a nature preserve. This “bottom up” approach differs from the “top down” administration of typical conservation programs.

For example, a Seacology project that saved a small mangrove forest when Seacology funded a walkway and women’s handicraft center in Sri Lanka, blossomed into a national program in which Sri Lanka pledged to protect all its coastal forests in return for microloans for 10,500 impoverished coastal women. Because mangroves sequester massive amounts of carbon, both the British Commonwealth and the United Nations have recognized Sri Lanka’s program as one of the world’s top efforts to fight global warming.

Seacology, which has launched over 300 projects in 60 countries, began in Falealupo village, Samoa, where villagers were forced to choose between preserving their 30,000-acre rainforest or building a school for their children. Quick action from overseas donors, including Verne and Marion Read, Ken Murdock, Rex Maughan, and my family, funded the school in return for a promise by the village to protect the forest. Other nearby villages soon copied the Falealupo model, and the logging firm withdrew from the entire island.

Seacology is focused on mission execution and has deliberately kept its staff very small, with extremely low administration and fundraising expenses. Augmented by 23 island field representatives, funded by our Board, Fellows, and caring individual donors as well as by some thoughtful corporations such as Nu Skin Enterprises, Seacology continues to have a global impact based on local village projects.

Conservation pioneers David Brower and René Dubos said, “Think globally, act locally.” Seacology represents the embodiment of that principle. I invite you to join us.

Cordially,

Paul Alan Cox, Ph.D.
Chair, Seacology Board of Directors
Seacology continues to direct the vast majority of its expenses toward our projects. This low overhead and our commitment to transparency has earned us top ratings from both Charity Navigator and GuideStar.

**Statement of financial activity**
*January 1 through December 31, 2018*

**Support and Revenue**
- Foundation grants: $816,467
- Donations and bequests: $1,231,935
- In-kind contributions: $1,468
- Total public support: $2,049,870

**Expedition Income, net of expenses**: $(11,557)
**Event income, net of expenses**: $(5,000)
**Interest/investment income**: $(383,651)
**Miscellaneous**: $15,745
**Total revenue**: $(384,463)

**Total support and revenue**: $1,665,407

**Expenses**
- Program services: $2,621,985
- Management and general: $135,275
- Fundraising: $276,023
- Total expenses: $3,033,283

**Change in net assets**
- $(1,367,876)

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1These figures are unaudited. To request copies of previous years’ audited financial statements prepared by Doran & Associates, Certified Public Accountants, please contact the Seacology office. The 2018 audited financial statements will be available in June 2019.

2Largely due to expenditures of previously raised funds for the Sri Lanka project.
SEACOLOGY Supporters

CHIEF ULU FELLOWS ($25,000 or more)
Anonymous
Argus Fund
Robert Epstein and Amy Roth
Scott and Lisa Halsted
Douglas and Carolen Herst
Maja Kristin
Alice and Leslie E. Lancy Foundation
Ken Murdock
Peter and Delanie Read
Stephen Silberman
Nadine Tang and Bruce Smith
Newman and Zeneth Ward Family Foundation
Marsha Garces Williams

ISLAND FELLOWS ($10,000-$24,999)
Anonymous
Michael Burbank and Cindy Roberts
Albert Chao
Robert Dion and Mary O’Malley
Terri Hearsh
Robert and Rosemary Heil
Kimberly Leilani Myers Hewlett
Arthur Kem
Masayuki and Tamako Kishimoto
Brian and Caroline Lurie
Barbara Meyer
Shari Sant Plummer
Eva and William S. Price III
Judah Slavkovsky
Anne Symchych
Sandie Tillotson
Paul and Leigh Tischler
Karen and Burt Yarkin

SEACOLOGY FELLOWS ($2,500-$9,999)
Anonymous
Yvonne Adams and Jeremy Green
Carl and Claire Anderson
Larry and Wendy Barels
Renee Boicourt
Iain Bolton
Pete Boyce
Craig and Nana Chiappone
Lang and Jean Chou
Virginia and Peter Dimsey
Gordon Firestein and Doris Lang
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Michael Hofman and Janet Moyer
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Valerie London
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Buffy Redsecker and Alan Chung
Judith Rosenthal
Jozef Ruck and Donna Ito
Joe Scalzo
Rand and Carol Selig
Susan and Charlie Selvidge
Kathryn and Charlie Selvidge
Gilda and Warren Sprung
Duane Silverstein and Marcia Stewart
Michael and Marilyn Staffieri
Barbara Sweet
Christine Symchych and James McNulty
Maria Taft Swanson
Carolyn and Michael Ward
Jake Warner and Toni Ihara
Todd Werby and Nonie Greene
Wayne and Julissa Westerman
Gregory and Patti White
Scott Wilson and Lucy Cummings

BOARD OF DIRECTORS
In 2018, all Seacology Board members made generous personal gifts. Board contributions represent a significant portion of Seacology’s total fundraising. We are most grateful for the generosity and leadership of each Seacology Board member.

Seacology is fortunate to receive many gifts under $2,500 and we deeply appreciate every contribution. Each gift we receive is important to our efforts to protect the world’s islands.
Members of the Island Legacy Society have made a commitment to protecting islands for future generations to enjoy by making a planned gift to Seacology. To join the Island Legacy Society:

- Make a gift to Seacology in your estate plan through your financial advisor.
- Contact Seacology's Development Department at (510) 559-3505 or islands@seacology.org, and we will send you a Letter of Intent to complete and return to us.
Seacology around the world

311 projects in 60 countries • Approximately 1.3 million acres protected •
24 Field Representatives • eight full-time staff • two international affiliates
In 2018, the penultimate year of our five-year nationwide conservation project in Sri Lanka, Seacology was able to dramatically expand the program’s reach into the country’s north. With nearly a million dollars in support from the Global Resilience Partnership, Seacology funded a new conservation and training facility in this under-served region of the island country, an area disproportionately damaged by Sri Lanka’s long civil war.

The other components of the program continue to move forward, with hundreds of thousands of new mangroves planted around the country, and thousands of microfinance recipients receiving training and financial support.

In September, the project was named a winner of the 2018 Momentum for Change Award, sponsored by the United Nations Framework Convention on Climate Change. Seacology was one of only 15 recipients from around the world to receive the prestigious and competitive recognition, joining NGOs, governments, and businesses that offer innovative solutions to climate change. We took part in the Conference of Parties (COP24) to discuss the project’s unique model of community-led conservation, and how mangroves are one of nature’s greatest tools to mitigate climate change and protect coastlines from its devastating effects.
Seacology’s Senior Manager of Special Initiatives, Karen Peterson, speaks at the COP24 conference in Poland. Seacology took part in the conference after our nationwide mangrove conservation project was named one of 15 winners of the UN-sponsored Momentum for Change award.
The new training center in Sri Lanka’s northern Mannar District opened over the summer. The facility offers training in sustainable livelihoods, serves as a marketplace for products made by the project’s beneficiaries, and hosts a large nursery to grow mangrove seedlings.
The northern training center is also home to a large nursery for growing mangrove seedlings to replant in the area.
Women from rural communities in northern Sri Lanka attend the opening ceremony for the new facility. The facility will offer short courses in sustainable trades and business management for such women, and serve as a marketplace for the goods they produce.
Sri Lankan youth visit the Seacology-Sudeesa Mangrove Museum in Pambala on World Mangrove Day, July 26. The museum, built as part of our project and opened in 2016, is a popular destination for school field trips, visiting scientists, and tourists.
Malaysia
Terian Borneo

Villagers haul water pipes to repair Terian’s micro-hydroelectric power system, originally built as part of a 2004 Seacology project. A series of landslides destroyed the original supply line, but Seacology made a new grant to repair and upgrade the system. Work was completed in the fall of 2018, and the generator is operating again, delivering renewable power to the remote community.
Supported by Seacology’s first-ever crowdfunding campaign, our project on this isolated Caribbean island is helping protect parrotfish. The multifaceted project is working with the fishing community, restaurants, schools, and other stakeholders to build raise awareness about the important ecological role the fish play on the island’s reefs.
In one of our first projects in the country, Seacology is helping to develop ecotourism and bolster enforcement against poaching in Jaragua National Park. The vibrant wetland area is home to one of the country’s healthiest remaining mangrove forests and a dazzling array of bird and reptile life.
In exchange for Seacology’s assistance in retrofitting and expanding a dilapidated school building, this remote Fijian village has pledged to protect hundreds of acres of nearby rainforest and reef habitat. The work on the building was finished in September and it formally reopened in a joyous ceremony attended by leaders of Seacology and our Japanese affiliate.
Indonesia
Pantai Bahagia Village
Java

Seacology funded a new multipurpose community center and freshwater storage tanks for this low-lying coastal village plagued by flooding and water contamination. In exchange, the community has agreed to protect 50 acres of mangroves and replant an additional 197, bolstering its resilience to the elements.
Touring the site with our partner organization, Seacology staff observed that this 2011 project continues to demonstrate its success. Since the fish sanctuary was established and Seacology provided additional resources to the rangers that patrol it, fish populations and have increased significantly in and around the reserve.
Seacology’s investments in this drought-prone community included a new freshwater cistern. In exchange, the villagers in the Mida Creek estuary committed to protect nearly 900 acres of mangrove forest and replant large sections of it.
A Seacology-funded pipeline now carries fresh water five kilometers from its source to the village of nearly a thousand people. In exchange, the community has committed to protecting 840 acres of forest habitat.
In exchange for the establishment of a 121-acre marine protected area, Seacology funded the construction of a basketball court for this community. The facility will help combat the epidemic of childhood obesity in the area and features solar-powered lighting, so it can be used at night when the intense daytime heat subsides.
Finished in April of 2018, this boardwalk was built along with a visitors' center to encourage ecotourism in the area’s dense mangrove forests. The local communities struck an agreement with Seacology to protect 124 acres of this habitat along with two nearby fish sanctuaries.
After nearly a decade of pressure by the community, Papua New Guinea’s national government assigned a permanent health worker to the clinic built in this 2010 Seacology project. Hundreds of people from Tavolo and surrounding villages attended the celebration to mark the facility’s official opening.
Tanzania
Kiwengwa Indigenous Forest
Unguja Island

This project on Zanzibar’s main island officially kicked off with a footrace through the forest that it protects. In exchange for protection of more than 8,000 acres of this habitat, Seacology is making a multifaceted investment in the surrounding communities, including a new multipurpose center, educational programs, and support for local beekeepers.
Our second project in Uruguay bolsters protection of more than 6,000 acres of sensitive riverine island habitat. The islands, at the intersection of the Queguay and Uruguay rivers, are a key nesting ground for migratory birds. Our grant is helping a local conservation group hire the experts needed to complete their application for protection by the national government.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>COMMUNITY BENEFIT</th>
<th>ENVIRONMENTAL BENEFIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bangladesh, Sonadia Island</td>
<td>Conservation of 8,000 acres for 10 years, environmental education</td>
<td>Solar-powered community center and boardwalk</td>
</tr>
<tr>
<td>Federated States of Micronesia</td>
<td>Increased protection of 25,089-acre permanent marine protected area</td>
<td>Ranger station for surveillance and enforcement of the area</td>
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<tr>
<td>Kuop Atoll (Chuuk)</td>
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<tr>
<td>Federated States of Micronesia</td>
<td>Repairs and upgrades to the basketball court, and concrete seating with roofing</td>
<td>Protection of 79-acre mangrove area for 50 years</td>
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<td>Peidie (Pohnpei)</td>
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<tr>
<td>Fiji, Nabubu Village, Vanua Levu</td>
<td>Renovation and expansion of village school and teachers’ quarters, water tanks</td>
<td>560-acre marine no-take zone and 132-acre rainforest reserve for 15 years</td>
</tr>
<tr>
<td>India, Berhampur and Mahinsha Islands</td>
<td>Protection of 20 acres of Chilika Lagoon for 10 years and mangrove replanting</td>
<td>Education center, organic garden, and ecotourism job opportunities</td>
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New Seacology projects launched in 2018
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>COMMUNITY BENEFIT</th>
<th>ENVIRONMENTAL BENEFIT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Indonesia</strong></td>
<td>Mekarjaya Village, West Java</td>
<td>Rice-processing machinery and building</td>
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<tr>
<td><strong>Indonesia</strong></td>
<td>Rasau Sebaju, Borneo</td>
<td>Protection of 741 acres of forest for 15 years</td>
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<tr>
<td><strong>Madagascar</strong></td>
<td>Macolline Reserve</td>
<td>Repairs to cyclone-damaged environmental education center</td>
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<tr>
<td><strong>Malaysia</strong></td>
<td>Dagat Village, Borneo</td>
<td>Sustainable livelihood initiative</td>
</tr>
<tr>
<td><strong>Malaysia</strong></td>
<td>Long Liam Village, Borneo</td>
<td>Micro-hydro electricity generating system</td>
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590,076 acres of terrestrial habitat protected by Seacology
## New projects

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<tr>
<th>LOCATION</th>
<th>COMMUNITY BENEFIT</th>
<th>ENVIRONMENTAL BENEFIT</th>
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</thead>
<tbody>
<tr>
<td><strong>Malaysia</strong></td>
<td>Protection of 840 acres of rainforest watershed for 15 years</td>
<td>Gravity-fed water supply system</td>
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<tr>
<td>Langkabong Village</td>
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<tr>
<td><strong>Mexico</strong></td>
<td>Mooring buoys and lobster shelters</td>
<td>528-acre no-fishing zone around protected island for at least 18 years</td>
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<td>Isabel Island National Park</td>
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<tr>
<td><strong>Philippines</strong></td>
<td>Multipurpose community center</td>
<td>Protection of 272-acre Caseledan Lagoon for 25 years</td>
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<td>Manamoc Island</td>
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<tr>
<td><strong>Philippines</strong></td>
<td>Protection of 118 acres of forest for 10 years, reduction of fishing pressure, support of three fish reserves (78 acres total)</td>
<td>Solar-powered visitors center, guest huts, and gear for ecotourism initiative</td>
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<tr>
<td>Lobo Municipality</td>
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<tr>
<td><strong>Tanzania</strong></td>
<td>Conservation of 8,213 acres of forest for 20 years, environmental education</td>
<td>Community training center, signage, environmental education and apiculture</td>
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<tr>
<td>Kiwengwa Indigenous Forest, Unguja Island</td>
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799,861 acres of marine habitat protected by Seacology
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<tr>
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<th>COMMUNITY BENEFIT</th>
<th>ENVIRONMENTAL BENEFIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uruguay</td>
<td>Honey-extracting equipment and GPS</td>
<td>Mapping of invasive trees to be removed on islands in the Uruguay River</td>
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<td>Nuevo Berlin,</td>
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<td>Filomena Islands</td>
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<tr>
<td>Uruguay</td>
<td>Technical help necessary to request protected status, a</td>
<td>Enhanced legal protection for 6,326-acre islands</td>
</tr>
<tr>
<td>Queguay Islands</td>
<td>tourist awareness program, and tour guide training</td>
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</tbody>
</table>

Funding provided by Nu Skin Force For Good Foundation

Funding provided by Seacology Germany

Funding provided by Seacology Japan
Patricia Lamelas has worked with the nonprofit CEBSE, the Center for the Conservation and Eco-Development of Samaná Bay and Surroundings, for more than 25 years. Her voice has been influential in the movement to conserve the rapidly changing region. She has advocated for protection of the bay, which is home to countless bird species and an important breeding and birthing ground for humpback whales. Awareness of the importance of mangrove forests is now growing worldwide, but Lamelas was ahead of the curve, having worked for the preservation of these vital ecosystems for more than two decades.

At CEBSE, she has worked with local communities, where many people relied on cutting mangroves for charcoal, to find sustainable livelihoods. She has helped to secure legal protections for mangroves, established the first mangrove nursery in the province, and led programs to educate many Dominican youth about their local environment and climate change.

CEBSE is a valuable partner in one of Seacology’s first projects in the Dominican Republic, working to promote ecotourism and protect mangroves in the community of Las Garitas.

2018 Seacology prize winner

Patricia Lamelas

Our 2018 Seacology Prize recipient has spent decades advocating for the Dominican Republic’s vanishing habitats.

ABOUT THE SEACOLOGY PRIZE

Many foundations recognize exemplary achievements by scientists, educators, business leaders, and other individuals who work toward conservation. Seacology has chosen to recognize heroic achievement by people who seldom receive any publicity: indigenous leaders who risk their own lives and well-being to protect their island’s ecosystems and culture.

The Seacology Prize is underwritten by Ken Murdock, Vice Chair of Seacology, in memory of his mother, Lalovi Fish Murdock.
**New Internationalist**, January 22, 2018
Gina Lopez fights Philippine mining

**Earth Island Journal**, Spring 2018
“Love is a Force for Change”

**Hudson Valley One**, April 5, 2018
“Learn about ethnotaxonomy and new ALS & Alzheimer’s treatments at SUNY-Ulster”

**Sunday Times Sri Lanka**, April 20, 2018
“Sri Lanka to give leadership for Mangrove Conservation in Commonwealth countries”

**Manila Bulletin**, April 22, 2018
“Earth Lady; Gina Lopez shares her profound love for the environment”

**Diario Correo**
“Patronato Turístico de Puerto Pizarro abre las puerta de la Casa del Manglar en Tumbes”

**El Espectador**
“Garbage; terrible business”

**The National (Papua New Guinea)**, May 8, 2018
“Clinic to benefit hundreds of East New Britain villagers”

**Peatlands International**, May 18, 2018
“Taking Action for Curlew”

**BBC Newsroom**, June 8, 2018
[World Oceans Day interview about Providencia, Colombia project]

**El Isleño**, June 8, 2018
“They launch a campaign to protect the ‘parrot fish’ in Providencia” (translated)

**Dive Magazine**, June 8, 2018
“Columbian Caribbean Island of Providencia to Protect Parrotfish to Save Coral Reefs”

**El Espectador**, June 8, 2018
“Protect the parrotfish, the key to saving the coral reefs of Providencia” (translated)

**The Guardian**, June 8, 2018
“The week in wildlife—in pictures”

**Devdiscourse**, June 10, 2018
“Parrotfish are key to save coral reefs of Providencia, Colombia”

**Semana Sostenible**, June 19, 2018
“The struggle to save the parrotfish, the guardian of the coral reefs of Colombia” (translated)

**El Isleño**, July 2018
“Jardineros del arrecife”

**Colombo Telegraph**, August 3, 2018
“The Value Of Mangroves: Ecological Services Of Mangroves In Sri Lanka”

**RE.THINK**, August 23, 2018
“Building resilience one mangrove forest at a time”

**The New York Times**, September 21, 2018
“Culture and Conservation Beneath the Sea”

**United Nations Climate Change**, September 26, 2018
“15 Projects Win 2018 UN Climate Action Award”

**Hoy**, October 12, 2018
“Dominicana receives prize for contributions in Bahía de Samaná” (translated)

**Listín Diario**, October 25, 2018
“Premio Seacology 2018 Para La Dominicana Patricia Lamelas”

**Travel With Chatura**, October 27, 2018
“Travel with Chatura @ Mangrove Museum 27 10 2018”

**Philippines Tatler**, December 27, 2018
“50 Eco Warriors You Should Know”