

2019 Annual Report

Why islands?

Seacology is dedicated to protecting island environments around the world.

eacology focuses only on islands because in the last 500 years, more than half of all animal extinctions have occurred on islands. They are crucial to preserving the Earth's biodiversity.

From coral reefs to mangrove forests, the world's islands house a multitude of unique habitats.

But island communities are under increasing pressure to boost economic development, even at the cost of environmental damage.

Our approach tackles both environmental threats and humanitarian challenges. Our projects create marine and terrestrial reserves on islands while improving the quality of life for local people.

We start by asking islanders what land or sea area they want to protect. Then they identify a communal need Seacology can provide, such as a school or a freshwater delivery system. It's a win for the environment and for the people who depend on it.





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A conservation force multiplier

eacology is unique among the not-for-profit community in focusing on preserving island ecosystems and cultures. With over 320 schools, medical clinics, solar electrification schemes and other community-based projects in 62 countries, Seacology has been able to protect 609,000 acres of terrestrial island habitats and over 780,000 acres of marine island habitats. Together with our indigenous island partners, all of this has been accomplished with a small staff and a deeply devoted set of directors, Fellows, donors, and corporate and foundation supporters. Seacology works directly with village leaders in a "win-win" setting, where a community project is constructed in return for a village covenant to protect precious island habitats.

This approach to hands-on conservation is robust and has been accepted throughout the world. Most recently, we have stepped forward to engage entire island nations in such conservation initiatives. In Sri Lanka our agreement with the national government resulted in a complete protection of mangroves across the entire country, in return for a pioneering microgrant program for over 10,000 impoverished coastal women. We are now seeking to establish a similar mangrove protection initiative in the Dominican Republic, but in this case we will build ecotourism infrastructure and a broad public education initiative as our contribution. Seacology projects are not cookiecutter but are tailored specifically for each island village and nation. Since we view villagers as equal partners in these initiatives, we listen carefully to their wishes and aspirations. Because of these partnerships, Seacology and indigenous peoples work together as force multipliers, allowing us to have extraordinary leverage for each donor dollar. As a result, although Seacology resembles a highly effective humanitarian organization, we achieve conservation outcomes unsurpassed by other not-for-profit organizations many times our size.

The spirit of Seacology's partnership with indigenous people is exemplified by the annual Seacology Prize, in which we honor indigenous heroes who have protected their island habitats and cultures. Last year's Seacology Prize winner Peter Kallang protected hundreds of villagers on the island of Borneo who otherwise would have lost their land and their livelihoods to unneeded dams that would have netted millions of dollars for foreign developers. Seacology,

instead, provided micro-hydro generators to the villages which allowed the rivers to continue flowing while generating electricity for village needs. Peter Kallang's leadership, in partnership with hundreds of villagers, functioned as a force multiplier.

In the Philippines, Gina Lopez two years ago was awarded the Seacology Prize for her leadership in stopping open-pit mining that destroyed watersheds and threatened the health of people throughout the Philippines. Even though she encountered fierce political opposition up until her death in 2019, the conservation policies she left in place continue to protect the terrestrial and marine environments of the Philippines.

Every dollar gifted to Seacology achieves a disproportionately high level of impact, with 82 cents of every dollar going directly to conservation expenses. Since inception, Seacology has enjoyed flawless audits. Seacology continuously receives the highest possible ratings from Charity Navigator and other not-for-profit rating agencies. If you believe as passionately as we do in protecting the

world's islands in partnership with indigenous people, we invite you to join us. Although conserving fragile island ecosystems appears to be a daunting endeavor, we promise that your contributions will be of enormous benefit to both the island habitats and peoples. And you will take satisfaction in the impact your gift has on the world. As French philosopher Albert Camus wrote, "The struggle itself towards the heights is enough to

fill a man's heart."

Sincerely,

Paul Alan Cox, Ph.D. Chair, Seacology Board of Directors

lowe are



Field Representative for East Africa Dishon Murage, left, visits the Seacology-funded training and business center in Mchekeni, Zanzibar.



Seacology's Duane Silverstein and Cecilia Suárez meet with the community of beekeepers we're working with at Nuevo Berlin, Seacology's first project in Uruguay.

Our team

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Dishon Lionel Murage East Africa

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Mykl Clovis Fuller Antigua &

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Chile

Leida Buglass Dominican Republic

Tyrone Buckmire Grenada Krishna Desai Jamaica Marcio Halla Brazil **Enrique Michaud** Peru Marisol Rueda Flores Mexico Cecilia Suárez Uruguay

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Cook Islands

Fiji

Affiliates

Seacology Japan Seacology Germany Seacology UK

Our supporters

CHIEF ULU FELLOWS

(\$25,000 or more)

Anonymous
Argus Fund
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ISLAND FELLOWS

\$10,000-\$24,999

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BOARD OF DIRECTORS

In 2019, 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.

SEACOLOGY FELLOWS

\$2,500-\$9,999

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Anonymous Yvonne Adams and Jeremy Green Carl and Claire Anderson Larry and Wendy Barels Renee Boicourt lain Boltin Pete Boyce Michael Burbank Craig and Nana Chiappone Lang and Jean Chou Dina Cowan Virginia and Peter Dimsey Gordon Firestein and Doris Lang Kathryn Fox-Winokur Robert and Michelle Friend Markus Fromherz and Heike Schmitz Theodore and Frances Geballe George and Kelly Glascock Family

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Our supporters

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Hamill Family Foundation The Hellman Foundation International Foundation Arthur L. and Elaine V. Johnson Foundation Jamieson Foundation Leiter Family Foundation The Margot Marsh Biodiversity Fund Mariposa Fund Marisla Foundation Matson Foundation Moore Family Foundation

Network for Good

New Earth Foundation Newman and Zeneth Ward Family Foundation Nu Skin Force for Good Foundation Nu Skin International Inc./Pharmanex LLC Orange County Community Foundation Ray and Dagmar Dolby Fund The Keith Campbell Foundation for the Environment, Inc. The Mennen Environmental Foundation The White Pine Fund Y & H Soda Foundation

ISLAND LEGACY SOCIETY

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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:

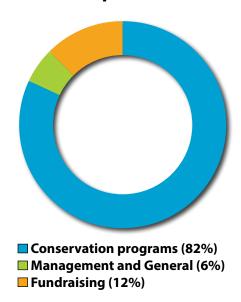
- Make a gift to Seacology in your estate plan through your financial advisor.
- Contact Seacology's Development Department at (510) 559-3505 or islands@seacology.org, and we will send you a Letter of Intent to complete and return to us.

Finances

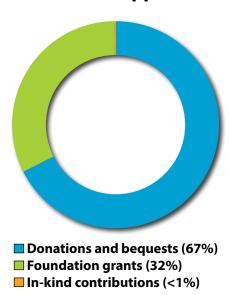
Seacology continues to direct the vast majority of its expenses toward our projects. This low overhead and our

commitment to transparency has earned us top ratings from both Charity Navigator and GuideStar.

Expenses



Public Support







Statement of financial activity

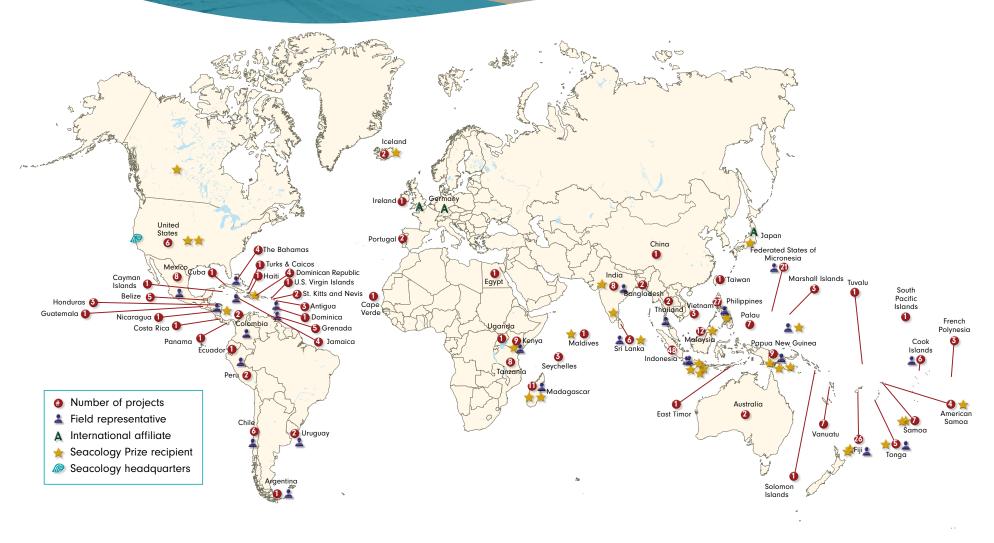
January 1 through December 31, 2019¹

Support and Revenue

Change in net assets ²	940,651
Total expenses	\$2,542,017
Fundraising	\$311,507
Management and general	\$140,929
Program services	\$2,089,581
Expenses	
Total support and revenue	\$3,482,658
Total revenue	\$1,064,326
Miscellaneous	\$710
Interest/investment income	\$1,087,178
Event income, net of expenses	\$(4,514)
Expedition Income, net of expenses	\$(19,048)
Total public support	\$2,418,332
In-kind contributions	\$410
Donations and bequests	\$1,635,167
Foundation grants	\$782,755
Support and Revenue	

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 2019 audited financial statements will be available in June 2020.

Where we work



320 projects in 61 countries • 1.4 million acres protected 25 field representatives • eight full-time staff • three international affiliates

Saving Sri Lanka's mangroves

Pive years ago, Seacology took a leap of faith. Before then, our largest project had a budget of approximately \$150,000. We had mostly eschewed working with governments in favor of direct partnerships with remote island communities and small local NGOs. Our projects were designed to be completed quickly, generally in less than a year. While this formula had proven successful in more than 50 countries on a small scale, our organization was preparing something different, and far more ambitious.

After years of careful planning and fundraising by our staff and board of directors, we announced the launch of Seacology's first national-scale project on May 12, 2015. The Sri Lanka Mangrove

Conservation Project—a three-way partnership between Seacology, the Sri Lankan government,

and local NGO Sudeesa—was a \$3.4 million, five-year plan to protect the remaining mangrove forests across the entire island nation. Not only was this unprecedented for Seacology, but it established Sri Lanka as the first country on the planet to declare all of its mangroves legally protected.

The project would for the first time produce a comprehensive map of the country's mangroves. Hundreds of thousands of the trees were to be replanted in areas degraded by coastal development. And in keeping with the Seacology model of providing social incentives in exchange for conservation, we would provide funding for microloans and training in sustainable skills for thousands of disadvantaged women and youth across the country, among the demographics hardest hit by the country's recently concluded 30-year civil war.

Saving Sri Lanka's mangroves

2019 was the last full year of the project, and as we look back, it exceeded our expectations in many ways. As of the end of the year, more than 14,000 women had received training and nearly 9,000 have received microloans. More than half a million mangrove seedlings have been raised and more than 1,200 acres replanted. The Sri Lankan navy has taken on an active role in protecting intact mangrove forests. In 2017 we received nearly a million dollars in additional funding from the Global Resilience Partnership to expand the project in the war-torn north of the country.

We could not have anticipated the positive reception that the project received from around the world. In 2018 the United Nations recognized our efforts as an innovative approach in the fight against the climate crisis with a Momentum For Change award. Sri Lanka was appointed to lead a new international committee on mangrove conservation by the Commonwealth of Nations. The project received attention and praise in media around the world, including the BBC and CNN. And in late 2019, Seacology was nominated for the 2020

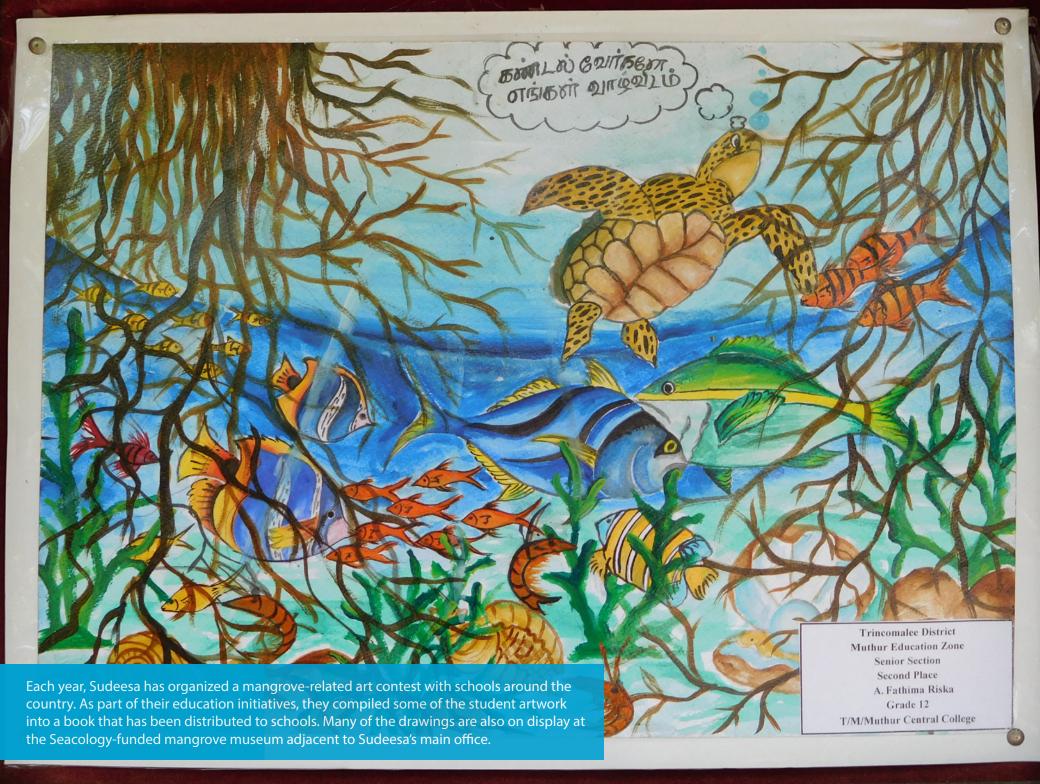
Nobel Peace Prize in recognition of our innovative work to fight climate change through the protection of carbon-sequestering mangrove ecosystems. Perhaps the project's greatest success is that it contributed to a growing awareness among conservationists and policy makers of the dire need to protect mangroves. As the international community tries to cope with rising seas, depleted fisheries, and ever-growing levels of atmospheric carbon, our project played a small but not insignificant role in raising awareness of the vital ecological services mangroves can provide in addressing these problems.

While the project is now winding down, it was a profound affirmation of the effectiveness and scalability of Seacology's win-win model of conservation. While we remain committed to our traditional model of small community-based partnerships, our experience in Sri Lanka has emboldened Seacology to think big. Our first nationwide project has taught us many valuable lessons as we plan our next.



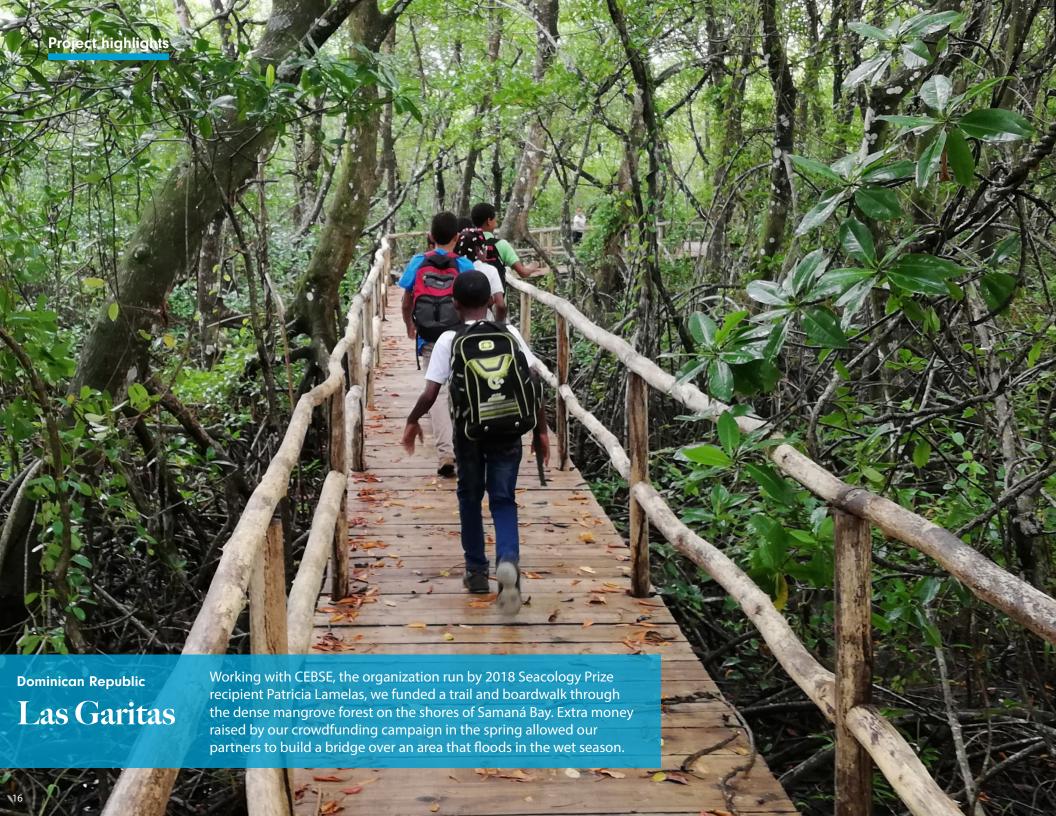
Saving Sri Lanka's mangroves Presidential Moving towards in Blue Green Era Environment Awards 2019 Members of our partner organization, Sudeesa, accept a presidential environmental award in November. Presented by outgoing Sri Lankan President Maithripala Sirisena, the award was given to individuals and institutions who have made significant contributions to the country's environment. Sudeesa was the only NGO to receive one.





Project highlights In exchange for the protection of sensitive sea turtle nesting grounds Grenada and mangrove forests, this project funded equipment and materials for a Carriacou Island women's cooperative. The group focuses on "upcycling" discarded sails and other materials into handicrafts, such as handbags. Several there has been a strong demand for their products across Grenada's islands.







Mexico

Isabel Island

The fishing cooperative that operates around this Pacific island has taken the initiative to set aside a 528-acre no-take area, even though these waters are not yet legally protected. In support of their efforts, our grant funded mooring buoys to protect the reef below from anchor damage, as well as a number of *casitas*, underwater concrete shelters that will help the sustainability of the lobster fishery.





Project highlights



Tanzania

Kiwengwa Indigenous Forest

Growing above the remnants of an ancient coral reef, the Kiwengwa forest is an important watershed on Unguja, the main island of Zanzibar. Our project works with the communities living in and around the forests to strengthen protections against logging, protecting the biodiversity of the forest and the limestone caves below it. In exchange, our project funded the construction of a community center in Mchekeni Village, which is being used for training and manufacture of local products.







New projects

Location	Conservation benefit	Community benefit
Chile Autení Island	Increased patrolling of a 772-square-mile permanent marine protected area	Solar-powered waste management center
Dominican Republic El Limón Lagoon	Enforcement of a 2,676-acre protected area that includes lagoon, mixed vegetation, and mangrove habitat for 15 years	Repair and improvement of ecotourism infrastructure
Federated States of Micronesia Oneisomw Island	Five no-take marine zones, totaling 10,403 acres, for 10 years	Community resource center
Fiji Korolevu Village Vanua Levu	Protection of 1,939 acres of forest and a 900-acre mangrove and marine sanctuary for 15 years	New community hall



Seacology began

18
new projects
in 2019

Location	Conservation benefit	Community benefit
Guatemala Santo Tomás de Castilla Bay	New 67-acre fish replenishment zone	Ecotourism equipment, technical help to prepare request for official protection of the zone, scholarships for fishers' children, and solar power at a visitors center
Indonesia Mandalamekar Village, Java	Protecting and replanting 390 acres of rainforest for 15 years	Bamboo processing facility to promote sustainable income
Jamaica Oracabessa Bay	Increased enforcement of fish sanctuary regulations	Floating dock for dive shop
Kenya Giriama (Robinson) Island	Conservation of 198 acres of mangrove forest in perpetuity	Water cistern, equipment for the Mareneni Beach Management Unit, mangrove replanting
Madagascar Mandena, Manantenina, and Ambohimanarina Villages	Increased monitoring and protection of 3,500 acres of rainforest	Repair of four tourist bungalows to encourage valuable ecotourism



Our projects have protected

609,265 acres of terrestrial island habitat.

New projects

Location	Conservation benefit	Community benefit
Malaysia Kolosunan Village, Borneo	Protection of 4,032-acre watershed catchment area for 15 years	Swiftlet hut to provide sustainable income
Malaysia Malapi Village, Borneo	Protection of 185 acres of forest for 15 years	Gravity-fed clean water supply system for the village
Malaysia Tampasak Village, Borneo	Protection of 833-acre forest for 15 years	Gravity-fed water system
Malaysia Tiga Bundu Village, Borneo	Protection of 5,548 acres of forest for 20 years	Grant to help the village develop ecotourism with trails, signage, and guest chalet
Mexico Natividad Island	Removal of metal waste and restoration of bird nesting area	Support for the community's low-impact tourism effort



Our projects have protected

780,020 acres of marine island habitat.

Conservation benefit Location **Community benefit** Protection of 783 acres of **Philippines** Training and facilities to provide alternative Mount Isarog watershed for 20 years livelihoods for a marginalized community New 50-acre **Philippines** Nature conservation center Tingloy Municipality, marine protected area Marikaban Island **Thailand Environmental education** Protection of 1,000-acre dugong Libong Island seagrass habitat and 26 acres of and cultural center feeding grounds for migratory birds for 10 years **Tonga** Protection and restoration of Information and education **Toloa Rainforest** 52 acres of the Toloa Rainforest center Reserve, Tongatapu Reserve for 20 years THO HOLE

By the end of 2019 Seacology had launched projects on islands in countries.

Funding provided by Nu Skin Force For Good Foundation

Funding provided by Seacology Japan

Seacology in the news

Primicias, January 11, 2019

"Heroine of the Caribbean mangroves Receives Seacology Award 2018"

Diario Hispaniola, January 12, 2019 "Seacology 2018 awards"

Diario Libre, January 12, 2019 "Heroine of the RD mangroves receives award"

El Nacional, January 14, 2019 "Seacology Award 2018 awarded"

Borneo Post, January 16, 2019
"SAVE Rivers completes micro hydro project at Long Liam"

ABS CBN News, March 26, 2019

"Batangas towns strive to balance tourism with coral reefs protection"

Deutsche Welle, May 6, 2019

"The war widows protecting Sri Lanka's mangroves"

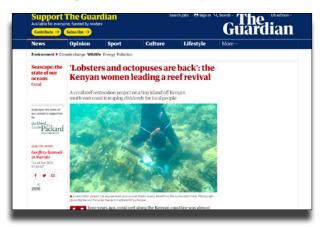
Earth Island Journal, May 8, 2019 "The Bridge Between Land and Sea"

Asparagus Magazine, Summer/Fall 2019
"Protecting Forests by Ruilding Schools: He

"Protecting Forests by Building Schools: How a California non-profit makes deals to protect island habitats"

ABS-CBN News, August 20, 2019

"One midnight in autumn, I met Gina Lopez"



Manila Bulletin, August 23, 2019 "She Jousted With Windmills"

Inquirer, August 25, 2019 "Out-of-the-box warrior"

Inquirer, August 31, 2019

"Gina Lopez: 'She was a dynamo of love and compassion"

Ecologist, September 6, 2016 "Remembering Gina Lopez"

BBC World, September 20, 2019

"Award for man who stopped a mega-dam and saved Borneo's rainforest"

Mongabay, September 22, 2019

"Sri Lanka wields mangroves, its tsunami shield, against climate change"

Borneo Post, September 23, 2019

"Peter Kallang honoured with 2019 Seacology Prize" *Aliran*, September 25, 2019

"Save Rivers' Peter Kallang wins 2019 Seacology Prize"

Astro Awani, September 26, 2019

"Consider This: Meet SAVE Rivers' Peter Kallang"

Gulf News, September 28, 2019 "EXPO 2020 selects 25 innovative projects"

The Bigger Picture, September 30, 2019

"Saving Rivers, Saving Lives"

Dayak Daily, October 1, 2019

"Sarawakian first as SAVE Rivers chairman wins Seacology prize"

The Guardian, November 26, 2019

"Lobsters and octopuses are back': the Kenyan women leading a reef revival"

Wiki.ezvid.com, December 8, 2019

"8 California Organizations with an International Reach"

Nota Quinto, December 15, 2019 "Riguezas de las islas del Queguay"





Travel

eacology's only public expedition of 2019 brought our guests to one of the world's most popular diving destinations, the Indonesian archipelago of Raja Ampat.

While coral reefs are in decline worldwide, Raja Ampat remains a beacon of hope. Home to more than three-quarters of all known hard coral species, the area is a hotbed of marine biodiversity. Several Seacology projects have worked with local communities and organizations to protect this ecological treasure.

From the Mermaid I liveaboard, our guests explored the breathtaking scenery above the surface and came face-to-face with the wildlife below.



Visit **seacology.org/travel** to sign up for notifications about future travel opportunities.









Our 2019 recipient organized communities in Malaysian Borneo to defeat a dam that would have flooded their land and destroyed their way of life. Porneo is a shining example of the biodiversity that Seacology was founded to protect. The world's third-largest island, it is home to countless animal and plant species, and hundreds of distinct cultures, spanning three countries. Our 2019 Seacology Prize recipient, Peter Kallang, has proven himself a brave and selfless champion of the island's irreplaceable biodiversity and marginalized people.

In 2011, Kallang became the chairman of Save Rivers, a grassroots organization that was fighting to stop construction of the Baram Dam. He rallied hundreds of rural people, faced with the loss of their land and traditional way of life, in opposition to the massive project. Over four years, these local activists blockaded the proposed construction site, and took their movement to neighboring Australia to raise awareness about the dam's impact and deter investors from funding it. Facing this relentless public opposition, the project was finally shelved in 2016.

Kallang continues to be a proponent of low-impact, decentralized energy projects like micro-hydro generators, which Seacology has funded across Borneo.

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.



1953-2019

justice in her country.

In August, we were saddened to learn of the passing of Gina Lopez, who just two years earlier had been awarded the Seacology Prize.

Born into a wealthy family in the Philippines with prominent media properties, Lopez risked that privileged status in a principled defense of her country's environment. In 2016 she had been appointed to the Philippine government's top environmental post. She used this position to order the nationwide cessation of open-pit mining, a practice that severely polluted watersheds and endangered public heath across the Philippines. Under pressure from the industry, she was fired from her post, but continued the fight as a private citizen, using her national prominence to advocate for environmental

While the debate over open-pit mining continues in the Philippines, the ban Lopez instated in 2017 remains in effect.







1623 Solano Avenue
Berkeley, CA 94707 USA
510.559.3505
www.seacology.org islands@seacology.org

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