CITIZEN SCIENCE IN THE SOUTH PACIFIC

THE INTERNATIONAL SEAKEEPERS SOCIETY

THE INTERNATIONAL
SEAKEEPERS
SOCIETY
SOUTH PACIFIC
2024

OUR MISSION

SeaKeepers advances oceanographic research, conservation, and education by engaging the yachting and boating community.

Our primary focus is to provide educational resources and hands-on marine science experiences to students, ensuring the future wellbeing of our planet.

OUR MOTTO IS

Research. Educate.
Protect and Restore.

OUR REACH

SeaKeepers has always operated globally through our seafaring DISCOVERY Yachts, but now we have staff and offices spanning several continents.

SEAKEEPERS HQ - 1998

SEAKEEPERS ASIA - 2015

SEAKEEPERS UNITED KINGDOM - 2021

SEAKEEPERS BANGLADESH - 2023

SEAKEEPERS SOUTH PACIFIC - 2023

DISCOVERY YACHT PROGRAMME

SCIENTIST - LED EXPEDITIONS

EDUCATIONAL OUTREACH

CITIZEN SCIENCE

COMMUNITY ENGAGEMENT

85,000
STUDENTS INDIRECTLY & DIRECTLY IMPACTED

500
PROJECTS & PROGRAMMES COMPLETED

200
PROGRAMME PARTNERS ENGAGED IN PROJECTS

200
VESSELS ENGAGED IN THE DISCOVERY FLEET

CITIZEN SCIENCE

- Vessel owners can get involved in truly hands-on data and sample collection to increase our efforts
- We have four over arching Citizen Science Programs with regional projects under each

Seafloor Science

Neuston Net
Research Collective

Environmental
DNA Consortium

Science by Pixel

SEABED 2030 PROJECT

In partnership with the Nippon Foundation-GEBCO with the aim to map the world's oceans by 2030 and create the freely available GEBCO Ocean Map.

This information can help identify uncharted features such as seamounts and canyons, verify charted information and help fill the spaces on charts where no data exists.

THE NIPPON FOUNDATION-GEBCO
SEABED 2030

CITIZEN SCIENCE

SEABED 2030 PROJECT

- An international effort aiming to use Crowd Sourced Bathymetry to map the whole sea floor by 2030.
- Collaborates with industry and privately owned vessels world wide.
- Has mapped ~25% of the seafloor, from the ~3% that had been mapped at the project's start.
- SeaKeepers became a Trusted Node in September 2023.
- Participation of 164 DISCOVERY Vessels.
  Tenders, Sailboats, Superyachts

CITIZEN SCIENCE

NEUSTON NET RESEARCH COLLECTIVE

Researchers around ther world are fascinated by how little is known about the Ocean’s surface.

This data helps scientists to learn more about the animals, plants, and pollutants that reside at the ocean-air interface. This can lay the groundwork for international policies to protect our high seas.

National Oceanography Centre

GEORGETOWN UNIVERSITY

CITIZEN SCIENCE

NEUSTON NET RESEARCH COLLECTIVE

- These projects involve towing a net alongside your vessel at slow speeds to collect organisms and pollutants
- Dr. Rebecca Helm aims to learn more about the smaall larval life stages of pelagic organisms
- The National Oceanography Center aims to understand the spread of microplastics on ocean currents
- These projects can inform international protections of surface water

ENVIRONMENTAL DNA CONSORTIUM

As any living organism enters an environment, they leave a DNA trace behind. This DNA can be collected and tracked to identify the organisms that live there, even if they can't be seen.

By using Environmental DNA, or eDNA, scientists can more easily determine the presence of endangered species which may avoid humans or be difficult to see.

CITIZENS OF THE SEA

CITIZEN SCIENCE

ENVIRONMENTAL DNA CONSORTIUM

- Collecting DNA can look very different in different settings
- This Project utilizes a next generation Torpedo Net called TorpeDNA to collect DNA from the water while sailing at high speeds
- Utilized a sailing and boating rally headed from New Zealand to Fiji
- Had a meeting here in Septmeber to review successes and room for growth

SCIENCE BY PIXEL

By being our eyes on the water, everyday vessel owners, crew, and divers have an opportunity to inform science and provide invaluable data points

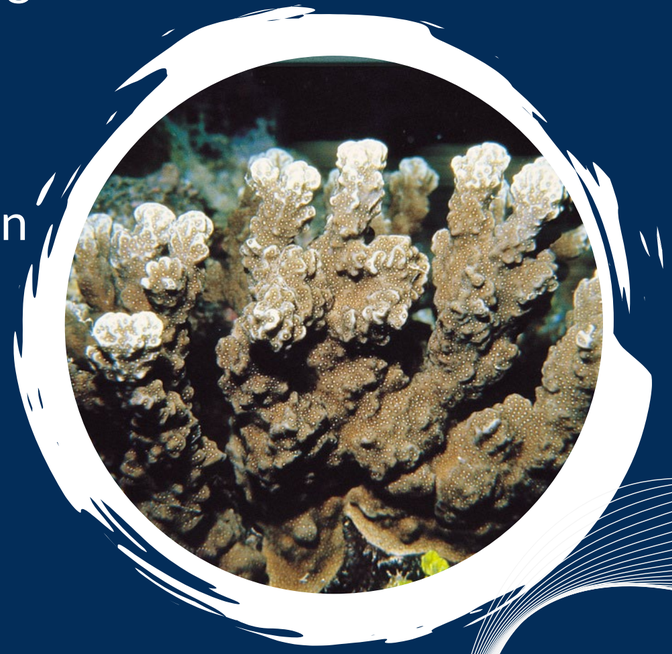
By keying in on local knowledge of where important species live, scientists can expand their current understanding of species ranges and distribution, increasing the opportunity to protect them more fully.

MANTA WATCH
AOTEAROA NEW ZEALAND

CITIZEN SCIENCE

SCIENCE BY PIXEL

- There are two South Pacific regional projects within this program
- Mariners can identify the presence of Manta Rays and report them using our online form to help scientists track their population movements
- Divers can help us to locate Porites rus colonies across the Pacific and Indian oceans to better understand their population size and distribution
- Resesarchers also want to know about the reproduction patterns of Porites rus, creating a new opportunity for divers to witness one of nature’s most increadible displays!



Cherlie Vernon

GET INVOLVED

Participate in the SeaKeepers South Pacific mission through a myriad of ways:

DISCOVERY FLEET APPLICATION

MEMBERSHIP PROGRAMME

SUBMIT A RESEARCH PROPOSAL

VOLUNTEER AT COASTAL CLEANUP

YACHT DONATION PROGRAMME

FOLLOW SEAKEEPERS

@SEAKEEPERS

VISIT OUR WEBSITE & SIGN UP TO RECEIVE QUARTERLY NEWSLETTERS, PROGRAMME UPDATES, ANNOUNCEMENTS, EVENT INVITATIONS, COASTAL CLEANUP NEWSLETTERS, AND MORE.

THE INTERNATIONAL SEAKEEPERS SOCIETY SOUTH PACIFIC

THANK YOU FOR JOINING US.

Connect with us to join the SeaKeepers South Pacific mission.

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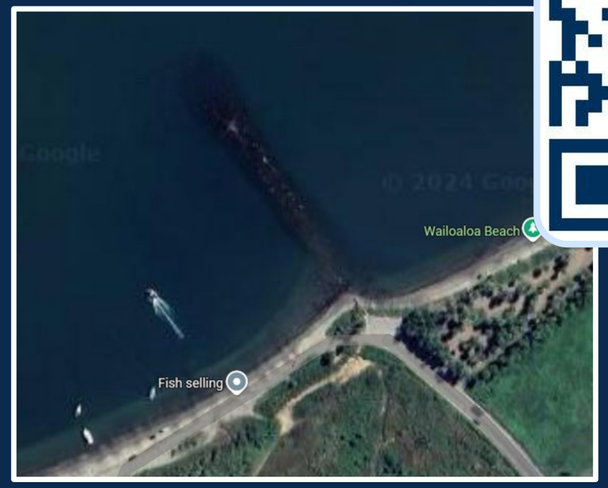
THE INTERNATIONAL SEAKEEPERS SOCIETY SOUTH PACIFIC

Join us at our Sunset beach cleanup this Friday!



Title: Fiji Sunset Beach Cleanup
Location: Wailoaloa Beach, Fiji (Beach Road near the jetty)
Day: Friday November 8th
Time: 5-7 pm FJT