

OceanConnect - Sylvia Earle



About Me

Hello! I'm Sylvia Earle, I am the second of three children in my family. I was born on 30th August 1935 in New Jersey, US. I am an oceanographer who has a specific interest in marine algae.

I have written over 100 scientific papers to help people understand the threats of over fishing and pollution has on ocean habitats.



Sylvia Earle ©Kris Krug Flickr

Education & Employment

- 1955 Florida State University: Degree in Botany.
- 1956 Duke University: Masters in Botany
- 1966 Ph.D.
- 1967 Harvard university: research fellow.
- 1967 Radcliff Institute: research scholar.
- 1976 California Academy of Sciences: curator & a research biologist.
- 1979 California Academy of Sciences: curator of Psychology.
- 1990-1992 chief scientist for NOAA.
- 1998 National Geographics 1st female explorer in residence.

Projects

1968 discovered undersea dunes off the coast of the Bahamas. Led the Tektite II project 1970 - an all female team to explore deep water habitats and the effects on health after living underwater for long periods of time. Books and films for the National Geographic Society on life in Earth's oceans.

Co-designer of *Deep Rover* a submersible that can reach depths of 914 meters below the sea.

Skills

I hold the world record for untethered diving. I did this on 19th September 1979 to a depth of 381 meters.

I am a keen traveller and my work has taken me to places such as China, Galapagos Islands and the Bahamas looking at life under the sea.

I have designed underwater research vessels and have written many books about life in the ocean.



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OceanConnect - Jacques Cousteau



About Me

Bonjour! My name is Jacques Cousteau. I was born on 11th June 1910 and died at the age of 87 in France. I have a love of life under the water and have made films and explored many underwater worlds.

I have also invented equipment to help underwater exploration including the Aqua-Lung, underwater cameras and a small submarine for investigating the seafloor.

Education & Employment

- 1933 French Navy
- WWII Gunnery Officer & French Resistance.
- Post WWII head of the undersea research group for the French navy.
- 1957 Director of the Oceanic Museum, Monaco.
- 1974 founded a non-profit environmental group *Cousteau Society* dedicated to marine conservation.

Projects

TV series including *The Undersea World of Jacques Cousteau* (1968-1976) as well as many books about life in and around the World's oceans.

Conshelf Saturation Dive Program to experiment on how human males lived and worked at considerable depths along the continental shelf.



Jacques Cousteau in 1972©Wikimedia
www.gahetna.nl

Skills

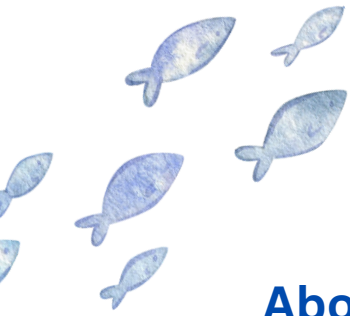
I co-invented the Aqua-Lung in 1943 a fully automatic compressed air system to help divers swim more freely under water.

In 1950 I converted an old British Navy ship into a ocean research ship. I also co-wrote a book in 1953 *Le Monde du silence* (The Silent World) about life under the sea which was then turned into a documentary which won an Oscar, an Academy Award and the Palme d'Or.



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OceanConnect - Edith Widder



About Me

Hi there! I'm Edith Widder. I was born just outside of Boston in the US in 1951. I am an oceanographer and marine biologist who specialises in bioluminescence (the light some creatures give off).

I can pilot many different underwater vessels including the DEEP ROVER and JOHNSON SEA LINK submersibles to help explore the ocean.



Edith Widder © Wikimedia Dsmith6239

Education & Employment

- 1973 Tufts University: Degree in Biology
- 1977 University of California: Masters Degree in Biochemistry.
- 1982 University of California: Ph.D. Neurobiology.
- 1989 - 2005: Director of the Bioluminescence Department, Harbor Branch Oceanographic Institution.
- 2005: Co-founder of the Ocean Research & Conservation Association (OCRA)

Projects

HIDEX bathyphotometer (a way to measure bioluminescence in the ocean) which is used by the US Navy.

The LoLAR system - a very sensitive light meter to help measure the amount of light in the deepest parts of the ocean.

Creation of the Eye-in-the-Sea (EITS) remotely operated deep sea camera system which automatically detects the bioluminescence of nearby sea life and sends footage of them to the surface.

Skills

I am a certified pilot for many deep sea vessels as well as using a deep sea wet suit (WASP).

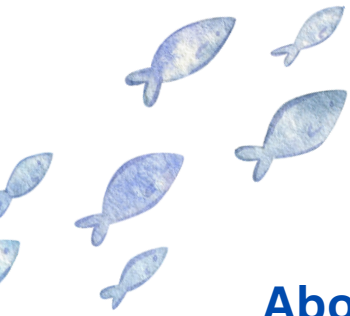
In 2012, I, along with the time managed to capture the first ever film footage of a live giant squid in its natural habitat.

I have also, using my underwater camera system EITS managed to film rare underwater creatures such as certain species of jellyfish and shark.



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OceanConnect - Moronke Harris



About Me

Hey! My name is Moronke Harris, I am an ocean explorer from Canada who looks mostly at the sea floor and how life adapts to the changing ocean climate.

I have been on many exciting expeditions to explore the ocean - both to the ocean depths and higher up in the sunlight zone (the top 200 meters) which has taken me to places such as Bermuda, The US and Canada.



Moronke Harris © Nova West and Ocean Exploration Trust



Education & Employment

- 2017 University of Guelph, Canada: Degree in Biological Sciences
- 2022 University of Toronto, Canada: Certificate in GIS for Environmental Management.
- 2020-2025 University of Victoria, Canada: Oceanography.

Skills

I enjoy outreach programs which include 'ship-to-shore' interactions, the Jackson Wild Panel, the voice of young professionals and many more. I have also taken part in many public speaking events including TEDxVictoria.

I am the founder of the creative science and communication brand 'The Imaginative Scientist' which brings together speakers, documentaries etc. from all over the world.

Projects

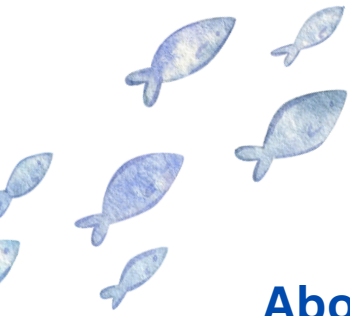
2023 seafloor mapping with the Schmidt Ocean Institute as well as deep sea biodiversity and exploring ancient seamounts near Johnston Atoll in the Pacific Ocean.

2022 Pacific high seas expedition exploring the Sunlight Zone of the ocean to investigate salmon in their ecosystems building on the research conducted in 2020 in the Gulf of Alaska which set out to identify various factors which could affect the amount and quality of salmon in the Arctic.



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OceanConnect - Dominique Koné



About Me

Hi! I'm Domonique Koné and I am the Senior Science Officer for the Ocean Science Trust in California, US.

I am working on being able to bring people together from different fields to collaborate on climate resilience and adaption.

This work helps to inform policies to manage coastal and ocean environments for a sustainable future.

Education & Employment

- 2018 - present day California Ocean Science Trust Science Officer then Senior Science Officer.
- 2020 Oregon State University: Masters Degree in Marine Resource Management.
- Colby College, US: Degree in Environmental Science: Conservation Biology.

Projects

2021 Addressing the risk of microplastic pollution in California on behalf of the Ocean Science Trust along with a project looking at the the climate resilience of California's marine environment.

During my Masters Degree I looked at whether the ecosystems along Oregon's coast could potentially support sea otters which once lived there again.



Dominique Kone CREDIT Dominique Kone

Skills

I like to work with a range of people from scientists to local communities to help create a sustainable future for our oceans together.

I am passionate about marine wildlife conservation and supporting clean energy.



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