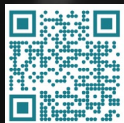


Ocean Discovery League: Accelerating Deep Ocean Exploration & Observations

Susan Poulton

We've only seen 0.001% of the deep seafloor



Bell et al., 2025



Societal Value of Deep Ocean Observations

- The deep sea is the planet's life-support system. It feeds the upper ocean that:
 - Provides more than half the oxygen we breathe.
 - Supplies 20% of humanity's protein needs.
 - Supports a \$1.5T global ocean economy.
- Climate regulation and surface temperature moderation.
- Critical for carbon capture and sequestration through “marine snow” and vertical transport by organisms.
- Provides marine genetic resources.
 - Deep-sea sponges and other organisms have been shown to have anticancer, antibacterial, antifungal, anti-inflammatory, and antiviral properties.

Our Mission

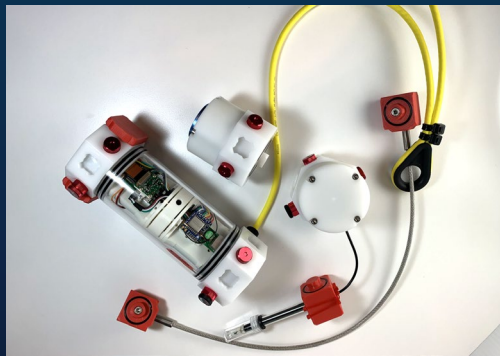
To accelerate deep ocean exploration by
developing accessible systems and
broadening the community of those who
explore and understand the deep sea.

Our Strategy



Targeted Exploration

Create targeted seafloor locations that provide an unbiased sample of the entire deep sea floor.



Accessible Technology

Collaboratively develop low-cost, easy-to-use data collection and analysis systems to reduce barriers to data collection and analysis.



Broadening the Community

Expand the community of deep-sea explorers through education and training with historically excluded communities.

Global Deep-Sea Exploration Goals

