

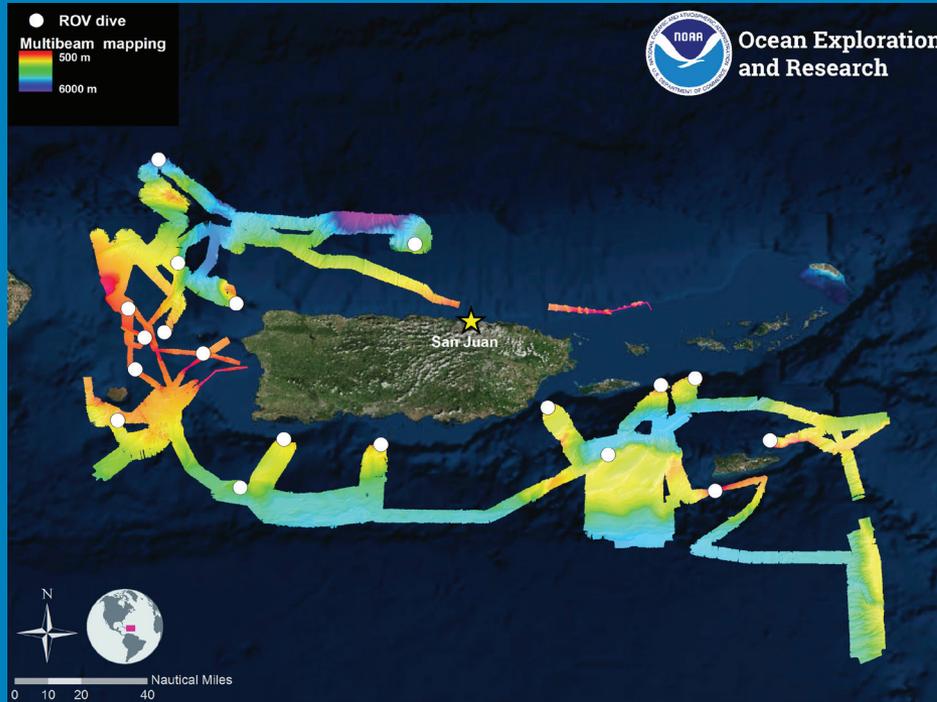
Océano Profundo 2018: Exploring Deep-Sea Habitats off Puerto Rico and the U.S. Virgin Islands (EX1811)

NOAA Ship *Okeanos Explorer*, April 11 – May 3, 2018

oceanexplorer.noaa.gov/okeanos/explorations/ex1811/welcome.html



Ocean Exploration and Research



Overview map showing the locations of ROV and mapping operations completed during the *Océano Profundo 2018* expedition. Map courtesy of the NOAA Office of Ocean Exploration and Research.



This catshark embryo, actively swimming inside a translucent egg case attached to a deep-sea coral, was seen at a depth of 250 meters during Dive 15 of the expedition.



This high-density community of deepwater stylasterid corals was recorded at 300 meters depth, west of Desecheo Island off the west shore of Puerto Rico. This was one of six high-density coral communities recorded during the expedition.



Eight live telepresence interactions were conducted with various venues around the country, reaching over 675 individuals. Many expedition science and outreach activities were conducted in both English and Spanish, including bilingual coverage on the live video narrations, expedition website, live interactions, and ship tours.



14,429 square kilometers of seafloor mapped in the U.S. EEZ



19 remotely operated vehicle dives at a depth range of 250 to 5,000 meters



81 biological and 8 geological samples collected



corals and sponge communities were documented during all 19 ROV dives



63 scientists, managers, & students from 7 different countries participated



166,900+ live video views and 18,900+ views to expedition content