



GENERATION OCEAN

A 360 FILM SERIES DESIGNED TO BRING OCEAN SCIENCE FIELD EXPERIENCES TO THE CLASSROOM & BEYOND

ANGARI Foundation brings viewers along on research expeditions aboard the Foundation's research vessel R/V *ANGARI*, enabling them to explore our vast oceans through 360 film and immersive technologies. Our signature 360 episodes are designed to make the ocean, its inhabitants and at-sea research accessible and enjoyable for all audiences.

Each ANGARI film can stand on its own or be applied to a more in-depth and engaging marine science learning experience in the classroom using complementary educational resources developed in collaboration with scientists and educators. These films aim to shed light on marine science and conservation issues while immersing viewers in both field and lab scientific methods. In an education context, the films serve as an excellent virtual field trip, and the supporting educational activities and lessons align to state/national standards and the Ocean Literacy Framework and help to increase student engagement in STEM fields. Current 360 films include: *ANGARI Foundation's Virtual Reality Pilot*, *Generation Ocean: Coral Reefs* and *Generation Ocean: Sharks*.



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GENERATION OCEAN: SHARKS

View Film: [Click Here](#)

Duration: ~7 minutes

Release Date: January 27, 2021

Press Release: [Click Here](#)

Synopsis: Experience the remarkable migration of thousands of blacktip sharks along the Florida coast! You'll be immersed working alongside Florida Atlantic University scientist Dr. Stephen Kajiura and the FAU Elasmobranch Lab team as they take to the sea and the sky to study some of South Florida's most exciting shark species.

Educational Use: Beyond providing an inside look at shark ecology and ongoing research on these important predators, the film was produced as an educational tool to be used in the classroom with complementary educational resources, activities and lesson plans. This content is currently in development and will be made available to educators at no cost via ANGARI Foundation's Educator Resources Portal www.ANGARI.org/educator-resources.

Current Distribution:

www.ANGARI.org

YouTube

Facebook

ClassVR



GENERATION OCEAN: CORAL REEFS

View Film: [Click Here](#)

Duration: ~6 minutes

Release Date: May 2018

Press Release: [Click Here](#)

Synopsis: Join Dr. Ian Enochs and his research team for an expedition onboard R/V *ANGARI* to the Florida Keys National Marine Sanctuary to study coral reefs. Survey the health of a coral reef using SCUBA and specialized camera equipment, collect a coral core and take it back to the lab for scanning, and visit the Experimental Reef Lab to learn more about ongoing experiments.

Educational Use: Beyond providing an inside look at coral reefs and ongoing research on this important ecosystem, the film was produced as an educational tool to be used in the classroom with complementary educational resources, activities and lesson plans. This content is available to educators at no cost via ANGARI Foundation's Educator Resources Portal www.ANGARI.org/educator-resources.

Current Distribution:

www.ANGARI.org

YouTube

Facebook

ClassVR

MERGE Miniverse

Vimeo

ANGARI FOUNDATION'S VIRTUAL REALITY PILOT

View Film: [Click Here](#)

Duration: ~7 minutes

Release Date: March 2017

Synopsis: Dive into the story behind ANGARI Foundation in a full 360, immersive experience. The Foundation brought together scientists, divers and filmmakers onboard R/V *ANGARI* for several days in the upper Florida Keys. The film is a fun, yet educational experience that provides an inside look into ANGARI Foundation's mission and the people and passions that drive it.

Current Distribution:

www.ANGARI.org

YouTube

Facebook

Vimeo



THE *GENERATION OCEAN* SERIES

An important part of ANGARI Foundation's mission is to support education and develop a dialogue between scientists and the public. The *Generation Ocean* series was created as a novel, innovative and engaging approach to introduce the audience to a variety of science topics and methods. The 360/VR films revolve around research expeditions onboard R/V *ANGARI* and, while suitable for all audiences, particularly enhance STEM curriculum for K-12 students. The series demonstrates the real-world nature and practice of science in an immersive way, viewable through a virtual reality headset or via phones, tablets or computers. Along with the film experience, students lead class discussions about the content; demonstrate knowledge gains through related lessons and assignments; participate in live Q&A's with chief scientists and R/V *ANGARI* crew via online platforms; and participate in fieldtrips onboard R/V *ANGARI* when possible. The 360 films and educator resources are provided to the teachers and students at no cost.

ANGARI wishes to impact students from a young age in order to make a lasting impression and increase interest in STEM and the marine environment, potentially even helping to create the next generation of scientists and conservationists. Each episode of the *Generation Ocean* series sheds light on our oceans, the issues they are facing and the experts studying them with the goal of broadly impacting students, teachers and the general public so that all are encouraged to take steps to help protect and preserve the environment.

SUPPORTING CURRICULUM

ANGARI Foundation is continually working with educators and scientists to create and curate educational resources, including standards-aligned activities and lessons, that complement the *Generation Ocean* series. Along with the films, these educational resources are made available to educators for free via the Foundation's website. To be kept up-to-date on content development and educational opportunities, educators are encouraged to register online at www.angari.org/educator-registration.

Please visit www.ANGARI.org, email or phone to learn more about ANGARI Foundation's research and education initiatives, including the *Generation Ocean* 360/VR series, and how you can partner with ANGARI Foundation.