

MOKUPĀPAPA DISCOVERY CENTER

Lecture • Free Event

THIRD THURSDAY BY THE BAY

January 16th 2020
NEW TIME 6:00pm to 7:00pm
Mokupāpapa Discovery Center

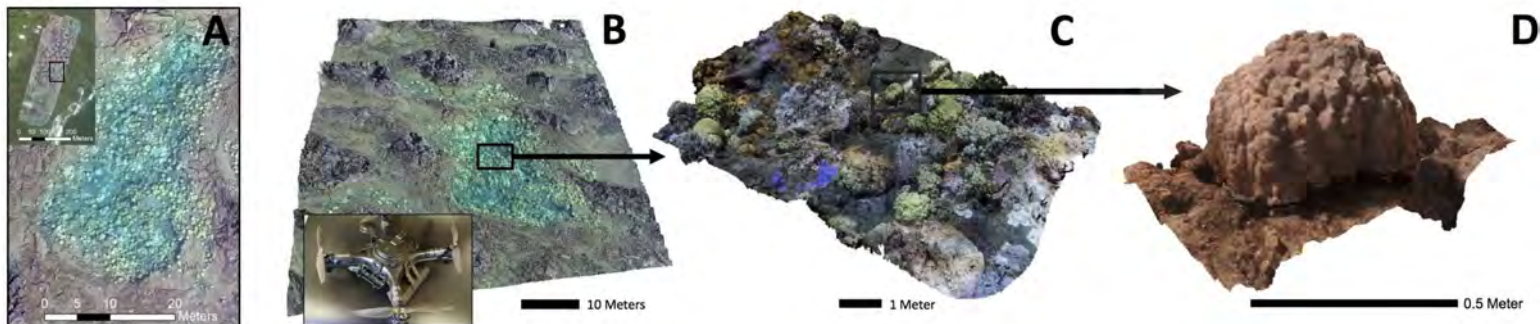
76 Kamehameha Avenue, Hilo

Leveraging 3D technology to protect and conserve coral reef ecosystems



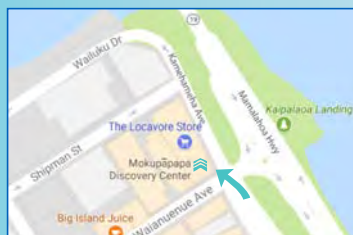
Come join us as we hear from John Burns, Ph. D. Assistant Professor - Marine Science Department, at UH Hilo, Affiliate Researcher NOAA Papahānaumokuākea Marine National Monument.

Coral reefs are both culturally and economically important, yet these ecosystems still remain poorly understood. The Multiscale Environmental Graphical Analysis (MEGA) Lab uses cutting-edge 3D technology to map reefs in high-resolution. These 3D reconstructions are then layered with real-world data to improve our understanding of the biology and ecology of these habitats. This work has helped us to learn how coral reefs are changing over time, and how these changes affect associated reef organisms and the services we as humans depend on. Ultimately, our goal is to use innovative technologies to improve our understanding of coral reefs and develop techniques to help protect and preserve these ecosystems for future generations.



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76 Kamehameha Avenue, Hilo



For more information, contact:
Clayton Watkins, (808) 933-8184
clayton.watkins@noaa.gov


PAPAHĀNAUMOKUĀKEA
Marine National Monument
www.papahanaumokuakea.gov