



The Impact of Climate Change on Okinawa Coral Reefs

教授からのコメント /

COMMENT FROM PROFESSOR

« Understanding the resilience of coral reefs to environmental changes both in Okinawa and worldwide will allow us to better protect these unique and beautiful ecosystems. »



Dr. Timothy Ravasi

Professor

Marine Climate Change Unit

Tim is a Professor of Marine Science and the Principal Investigator of the Marine Climate Change Unit at OIST, an Adjunct Professor at the Australian Research Council Center of Excellence for Coral Reef Studies at the James Cook University. Tim's research interest lies on the current status of coral reef ecosystems. He is particularly interested in looking at ecologically relevant issues in the light of rapid environmental change, such as climate change.

研究概要 / SUMMARY

Earth's oceans are undergoing a progressive acidification and warming due to increasing anthropogenic CO₂ production. While climate change poses a global threat to biodiversity and ecosystem function, some species might have the capacity to adapt through evolutionary change. Consequently, determining the fate of marine biodiversity requires not only an understanding of how climate change affects marine species, but also how quickly they might adapt.

寄附金の使途 / USE OF DONATIONS

The donations can be used towards several aspect of my research such as:

- Contribute to the construction and running coast of the OIST Heatwaves Simulator.
- Purchase a research vessel to support OIST researchers in field trips around Okinawa.

寄附金の特典 / BENEFITS

1. The financial support will be acknowledged in scientific publications.
2. Guided tours of the OIST Marine Science facilities including the Heatwaves Simulators will be provided.
3. Large scientific equipment such as the Heatwaves Simulator and vessel can be named after the sponsors.