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## Juliano Morais



PhD Candidate  
Reef Functional Hub  
James Cook University

The 2023 Allen Award winner is Juliano Morais, a PhD student at the Reef Functional Hub at James Cook University. Juliano's research is focussed on investigating how bleaching events driven by change affect coral population dynamics.

In Juliano's most recent work, he investigated the erosion rates of coral colonies after mortality and how variables that are commonly used in coral reef erosion studies relate to spatial and temporal variability in the erosion rates of dead coral colonies. He will present this work at the 2023 AMSA Conference, discussing the results found and highlighting some methodological gaps that need to be filled in erosion studies, especially under intensifying drivers of coral mortality from global climate change.