

Geowissenschaftliches Kolloquium

A geochemical perspective to coral bleaching events

Donnerstag, 6. Februar 2020 - 16.15 Uhr

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Bleaching events are a major threat to tropical coral reefs globally, affecting key physiological processes crucial to the functionality of corals, such as growth, and causing mass mortality. However, little is known about the frequency of past bleaching events and their long term effects on coral growth. In this talk I will show that the geochemical proxies found in the skeleton of corals can help fill these gaps and help us identify changes in the sensitivity to these events.



Juan Pablo D'Olivo received a PhD in Earth Science from the Australian National University, he then worked as a PostDoc at the University of Western Australian until November 2019 when he joined Freie Universität Berlin. His research focuses in using geochemical proxies to reconstruct past environmental conditions and understanding how corals respond to changes in their environment.

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