

# Geowissenschaftliches Kolloquium

## *Refining our understanding of societally-relevant climate change processes from geo-biological archives*

Donnerstag, 7. Juli 2016 - 16.15 Uhr

**Jens Zinke**  
(Freie Universität Berlin)

In his presentation, Dr. Zinke will talk about the strength of paleo-biological archives as sensors of ocean climate and environmental change on societally-relevant time scales. He will focus on case studies to show that robust, highly resolved climate reconstructions place current marine environmental and climatic variability in a longer context than possible with observational records. Such records contribute to understanding the nature and causes of tropical climate variability and hence, ultimately, help refine the global climate models used to project future climates in a rapidly warming world.



**Dr. Zinke** joined the Freie Universität Berlin in April 2016 as Senior Researcher in the section Paleontology. In the past five years he was awarded with two prestigious fellowships in Australia at The University of Western Australia and Curtin University. Before that, he was employed at the VU University Amsterdam and the Royal NIOZ in the Netherlands for >8 years. He has >15 years of international experience in tropical marine paleoclimate research and published >50 articles.

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