

GEOTRACES

MONTHLY ONLINE SEMINAR

shared theme, cross generation, cross region

Organised by:



seminar #6

Hydrothermal Impact on Ocean Biogeochemistry

October 27, 2026 @ 15:00 CET

By Zoom:



Meeting ID: 636 5773 3493

Passcode: 651026

<https://geomar-de.zoom.us/j/63657733493?pwd=6Uman0pQaKQ56P9SkXoUfz55XqqO7a.1>



**Prof. Christopher
German, WHOI, USA**

Hydrothermal impacts on basin-scale biogeochemical cycles

For many decades, it was assumed that hydrothermal circulation in the deep ocean might only make minor, highly localised contributions to global biogeochemical TEI cycles. Since the advent of GEOTRACES that perspective has been revolutionised. I will discuss how our findings have helped re-shape our thinking.

Biogeochemical implications of widespread low-temperature hydrothermal flow

In this talk, I will highlight advances in detecting low-temperature hydrothermal flow and discuss the unique biogeochemical imprint of these systems on the water column.



**Laura Moore
University of Victoria
Canada**