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Exploring Inhospitable Depths

Expedition starts to unveil Red Sea's Hydrothermal Vents

10 October 2023/Jeddah/Kiel. It is one of the most inhospitable areas on Earth: the deep Red Sea, where the Arabian and African plates drift apart, leading to magma emission and volcanism. In a joint expedition, scientists from the GEOMAR Helmholtz Centre for Ocean Research Kiel and the Saudi KAUST King Abdullah University of Science and Technology will embark on the first systematic search for hydrothermal vents along the Red Sea rift to study the geological system and evolution of hydrothermal ecosystems in one of the Earth's youngest oceans.

The vibrant reefs that line the shores of the Red Sea, well known to tourists and divers alike, belie

