





Federal Ministry for the Environment, Climate Action, Nature Conservation and Nuclear Safety

## AGENDA

Informing the Mining Code: New Research on Deep-Sea Ecosystem Responses

16 July 2025 Jamaica Pegasus Hotel 81 Knutsford Boulevard, Kingston 5, Jamaica

## **INFORMING THE MINING CODE:** NEW RESEARCH ON DEEP-SEA ECOSYSTEM RESPONSES

Date: 16 July 2025 Location: Jamaica Pegasus Hotel (81 Knutsford Boulevard, Kingston 5, New Kingston, Jamaica) Side event to the International Seabed Authority 30th Session.

As negotiations on deep-sea mining exploitation regulations continue at the International Seabed Authority, robust scientific evidence remains crucial for informed decision-making. This side event will present the new phase of the JPI Oceans project MiningImpact, which will investigate both polymetallic nodule fields and massive sulphide deposits to address critical knowledge gaps about deep-sea ecosystem responses to impacts caused by mining of seabed mineral resources.

Building on insights from the previous two research phases, the project's comprehensive research agenda includes studies of species connectivity, mininginduced toxicity effects, mid-water pelagic ecosystems as well as associated governance and environmental management questions. The project aims to directly inform the policy discussions for the Mining Code, particularly with respect to the protection and preservation of the marine environment. Through planned revisits of previous test mining sites in the Clarion-Clipperton Zone (CCZ) and new investigations of seafloor massive sulphide deposits in the North Atlantic and Arctic Oceans, MiningImpact will generate essential knowledge to support evidence-based decision-making in deep-sea environmental management.

Federal Ministry

and Space

of Research, Technology

Register <u>here</u>.



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## AGENDA

Registration	19:00
Welcome and Introduction Ellen De Geest, Ambassador of Belgium to Jamaica Supporting International Scientific Cooperation: A Sponsoring State's Perspective	19:15-19:25
Insights from the International Seabed Authority Leticia Carvalho, Secretary-General, International Seabed Authority (ISA)	19:25-19:35
MiningImpact: Advancing Scientific Understanding for Evidence-Based Regulation Dr. Matthias Haeckel, Project Coordinator, GEOMAR Overview of research objectives for 3rd project phase. Key scientific results on environmental impacts from PMN mining, and recommendations for the Mining Code.	19:35-19:45
MiningImpact: Ecosystems at seafloor massive sulphide deposits Dr. Sabine Gollner, Senior Staff Scientist, NIOZ Overview of ecosystems associated with active and inactive hydrothermal vents and expected impacts from SMS mining. Knowledge gaps and research goals of MiningImpact.	19:45-19:55
MiningImpact: Societal and ethical concerns about deep- sea mining Prof. Ellen Pape, Ghent University Overview of the perspectives of the Belgian stakeholder roundtable discussions. Integration of stakeholder inputs into scientific research: plans of MiningImpact.	19:55-20:05
Q&A session	20:05-20:20
<b>Closing Remarks</b> Jan Hendrik van Thiel, Ambassador of Germany to Jamaica	20:20-20:30
Networking Reception	20:30





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