



TRIDENT

Workshop

Fri 9th of June 2023
University of Limerick

**Open to regulators,
mining operators,
NGOs and experts**

Agenda

- Introduction to the TRIDENT programme
- State-of-the Art extraction and impacts perspectives
- TRIDENT questionnaire discussion
- Breakout sessions
- Revised questionnaire 2
- Consensus summary: scope, scale and intensity of deep-sea mineral resources extraction environmental impacts

ASSESSING THE ENVIRONMENTAL IMPACTS FROM POTENTIAL DEEP-SEA MINERAL RESOURCES EXTRACTION

Aims of workshop

- To explore the likely impacts of potential deep-sea mineral resources extraction: seafloor massive sulfides, polymetallic nodules and crusts
- To discuss the responses from the TRIDENT environmental impacts' questionnaire, to improve and nuance our impact rankings, understandings and perceptions
- To establish what environmental parameters should to be measured (and at what scale and sensitivity) to monitor, in real-time, deep-sea mineral resources extraction operations to enable regulated operations

Venue: **University of Limerick, Ireland**

Date: **Friday 9th June 2023, 9am to 4pm**

In-person Meeting (with a hybrid option)

Registration – free

<https://forms.office.com/e/yeEBEE9XFf>

For questions and queries please contact:
arecouvreur@ucc.ie or a.wheeler@ucc.ie



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the European Union**

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Detailed agenda

- Formal introduction

- Aims of the workshop / what is deep-sea mineral resources extraction
- Representations present
- The TRIDENT project
- Objectives of TRIDENT WP2 and WP3
- What we hope to get from the workshop
- Rules of engagement

- State-of-the Art presentation

- Latest approaches to deep-sea mineral resources extraction (future perspective) – tbc
- Ocean stewardship and deep sea mineral resources extraction – tbc

- Presentation of Questionnaire results

- Q & A

- Breakout sessions

- Do we agree with the ranking of impacts? If not why not?
- What needs to be measured and monitored to establish an environmental baseline and at what scale and intensity?
- How do we observe those impacts: mobile/fixed assets, density of observations required, etc.
- What are the technical challenges to observing and communicating the impacts?

- Presentation of the Revised TRIDENT Questionnaire 2

- Summary of learning:

Scope, scale and intensity of deep-sea mineral resources extraction



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