# LithoMar

# Assessing the relationships between lithospheric processes and seafloor topography at oceanic hotspots and divergent margins

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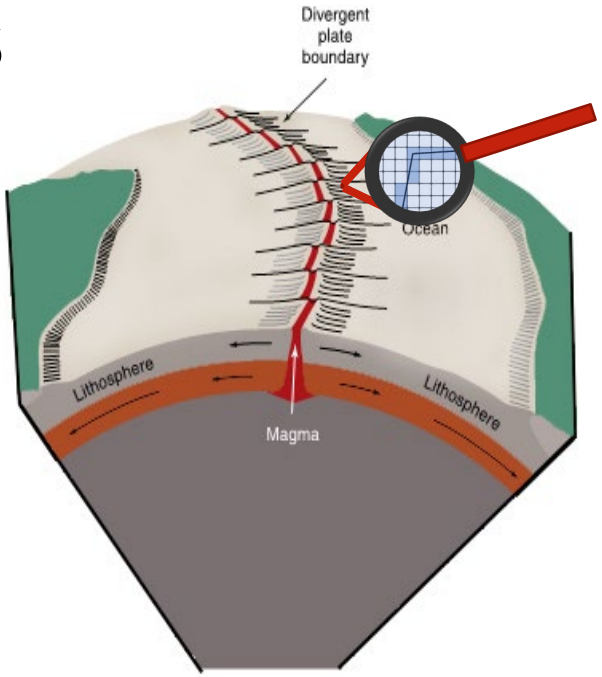

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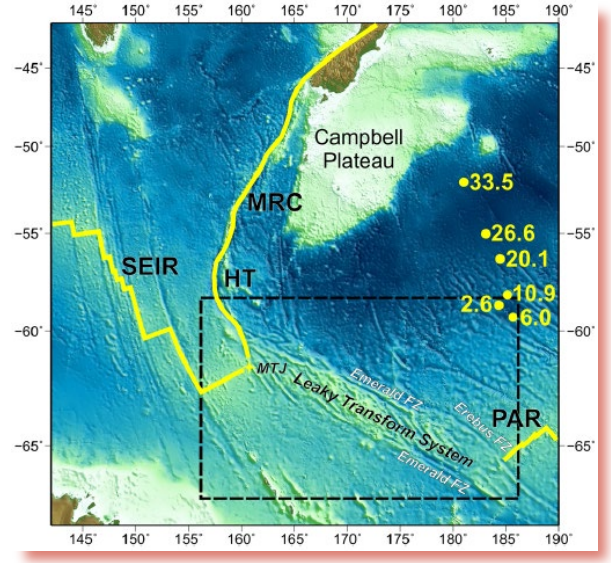
## 2021/22 substantial progresses:

**Data collection**: oceanographic expedition on board R/V Laura Bassi within the framework of the **ISOBATA project** (national PNRA 2020-2023)

-> new **multibeam bathymetric dataset** across the Emerald Fracture Zone (data will be used for future publications).




Establishment of new **collaborations** through the organization of dedicated session/abstract presentation at international meeting for 2022 and collaboration among projects in which TF leaders are involved

**Erasmus + BridgET** project (Bridging the gap between the land and the sea in a virtual Environment for innovative Teaching and community involvement in the science of climate change-induced marine and coastal geohazards) (Action KA220-HED - Partnership for Cooperation in Higher Education) 2022-2025. The results and activities of the BridgET project will also soon be disseminated through a dedicated website, where we'll include the ILP logo detailing the support that LithoMar TF is providing.

BridgET

-> **three summer schools**: 1) Santorini (done); 2) Etna; 3) Maldives.

# International meetings/workshops:

**2022:**

- KickOff meeting of the **BridgET** Erasmus project (Milan, Italy, 30-31 March 2022)
- **EGU22** General Assembly (Vienna, Austria, 23-27 April, 2022)
- **International conference on Seafloor Landforms, Processes and Evolution** (Malta, 2-4 July 2022)

-> **LithoMar leaders are members of the conference scientific committee**, - The conference hosted 132 participants, and featured 100 oral presentations and 16 posters on a wide range of topics (including tectonic geomorphology and a variety of seafloor processes).

-> **Young researchers have been sponsored to participate**. The LithoMar TF fund has supported in particular the participation of two young researchers (Dr. Lawal Muhedeen and Dr. Ibimina Esentia), after a selection made by LithoMar TF leaders Alessandra Savini and Aaron Micallef, on the basis of the CV and the motivation letter submitted by the applicants

- Data from Isobata project were presented at **SCAR and MindTheGap conferences** (November 2022).
- The TF LithoMar PI Alessandra Savini participated in the **AKMA Ocean Senses expedition** (Arctic Ocean, 11-23 May 2022), to work with the LithoMar TF network involved in WP3 and WP4 and that will contribute to disseminate ILP activities through the 15$^{th}$ GIMS conference that will be held in Cadiz, Spain 22-27 October 2023 (still postponed from 2022 to 2023 because of COVID).
- On 14 December 2022 the University of Milano-Bicocca organised a **seminar** entitled: "Geoscientists: relevant performance for the future challenges", inviting Prof. Iver Martens to give a talk on the topic and to discuss the potential for applying for EU funding for a future proposal on the topic.

***THANK YOU FOR YOUR ATTENTION!***