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

LithoMar

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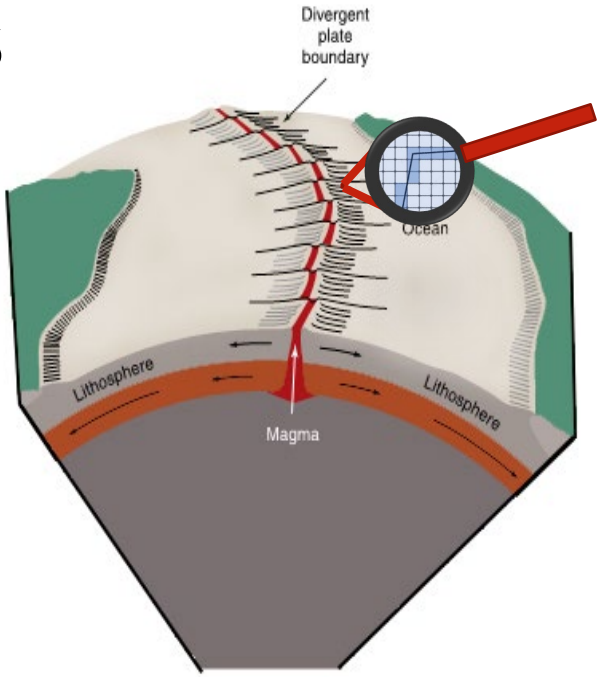

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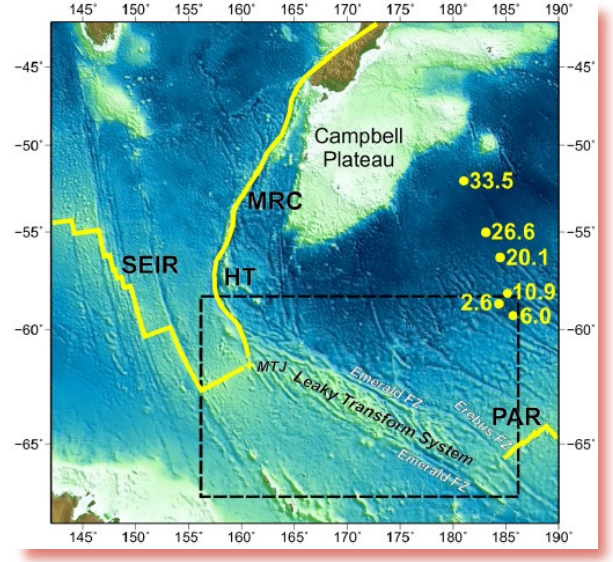
2021/22 substantial progresses:

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.



Project proposal: BridgET (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) submitted by the TF PI (as announced during the 2021 ILP virtual meeting) to the ERASMUS+ programme (Action KA220-HED - Partnership for Cooperation in Higher Education) has been approved! (all TF leaders are included!)

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

Erasmus + BRIDGET

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International meetings/workshops:

2021: no significant sessions and meetings in 2021, mainly due to the difficulty and uncertainties related to the Covid - pandemic

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, that is going to organise a dedicated action (e.g.: scientific publication/special issue lead by a young researcher).
  -> Young researchers have been sponsored to participate.
  -> Data from Isobata project will be presented
- Marine and Inland Water Research Symposium (16-20 September 2022, Greece): A TF LithoMar dedicated session has been proposed (https://symposia.gr/special-sessions/).

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Usage of ILP funding (2021/2022):

- Participation to EGU22 General Assembly (24-27 May, Vienna, A. Savini).
- Cover the expenses for the participation of three young researchers to the International conference on seafloor landforms, processes and evolution (2-4 July, Malta).
- Participation to the Marine and Inland Water Research Symposium (16-20 September 2021, Greece – A. Savini)

THANK YOU FOR YOUR ATTENTION!