

# The Joint Research Unit EMSO Italia: fostering the national capacity of impact at a global level

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The Ocean urgently needs decisive, swift, and unified efforts to assess and address its critical conditions. This is a major challenge for the national communities forming the global community. It is of paramount importance the **convergence of the national communities into a coherent and shared vision and into joint action plans** for overcoming also local impediments and obstacles for an efficient and prompt reply.

In Italy, the Joint Research Unit (JRU) EMSO Italia, coordinated By Istituto Nazionale di Geofisica e Vulcanologia, is a **collaborative framework of Italian research and university institutions** committed to marine science and technology developments and education, and acknowledged by the Italian Ministry of University and Research as a 'useful aggregation'.

The JRU is aimed at complementing and integrating the members' resources, specifically competencies, facilities, and activities, and at contributing to the operation of the Italian component of the European Research Infrastructure EMSO- European Multidisciplinary Seafloor and water column Observatory.

## The JRU works constantly to

- Financially support the operation and the growth of the Italian facilities in terms of maturity and number on ordinary base and through national and EU projects;
- Streamline the logistics resources (e.g., Research Vessels) for the optimization and the affordability of the maintenance operations;
- Promote the access of the researchers to the Italian facilities in EU Transnational Access Calls;
- Promote and sponsor common training frameworks (e.g., summers schools, targeted training course and stages at the facilities) for a new generation of researchers and engineers;
- Strengthen the cohesion of the national EMSO research community vis-à-vis the funding agencies and bodies.



● Italian Facilities in EMSO

● Candidate facilities

- 1 Levante Canyon
- 2 Dohrn Canyon
- 3 Eolian Islands
- 4 Sicily Channel
- 5 Capo Passero