



## ALLEGATO 1

### Scheda 1

#### Dipartimento di Scienze della Terra e del Mare (DiSTeM)

<b>Posti</b>	N. 1
<b>Progetto</b>	GEOSCIENCES IR – PNRR
<b>CUP Progetto</b>	I53C22000800006
<b>Categoria e Area</b>	D3 – Area Tecnica, tecnico-scientifica ed elaborazione dati
<b>Durata contratto</b>	18 mesi
<b>Sede di svolgimento dell'attività di ricerca</b>	Dipartimento di Scienze della Terra e del Mare (DiSTeM)
<b>Titoli per l'accesso</b>	Laurea Magistrale nelle classi LM74 e LM75 o laurea equiparata o titolo equipollente conseguito all'estero e riconosciuto ai sensi delle vigenti disposizioni in materia
<b>Qualificazione professionale richiesta</b>	Qualificazione professionale in relazione alla tipologia di attività da svolgere con esperienza documentata.
<b>Attività di supporto tecnico e amministrativo sul seguente programma di lavoro</b>	<p>It is required to carry out the following activities foreseen in the Geosciences IR Project: Installation, configuration and maintenance of marine, high-resolution seismic data devices (e.g. Sparker and Multi-Beam), including recording software (e.g. GeoSuite Acquisition, Teledyne PDS), and geological core logging. The professional figure must have experience in marine geology and a propensity in the technical field and IT. The capacity to work inside a small boat is also required.</p> <p>WP2 Geological and geothematic maps and 3D models Activity 2.4: Action on mapping and modelling for natural hazards and geo-resources - 2.4a Natural hazards and geological resources in the coastal-marine environment The activity foresees the collection and analysis of existing and/or newly acquired acoustic, seismic, meteorological, sedimentological, and biocenotic data, to identify and map geological resources and elements of risk, in relation to the use of coastal areas, protection of marine environments, preservation of coastal installations and role of climate change.</p> <p>WP4: Risk monitoring and management Activity 4.3: An integrated multiscale method for the characterisation of active faults in offshore areas Seismogenic fault and active deformation models are fundamental for probabilistic long-term earthquake forecasting. This activity aims to develop a multiscale approach to reconstruct the structural architecture of offshore areas and distinguish the hierarchical orders of active faults using seismic reflection, bathymetric and stratigraphic data. Training activities include geophysical technologies and software for processing and interpreting marine data sets. The technological infrastructure consists of workstations for 2D and 3D geophysical/geological data processing and interpretation and a geo-referenced database. Tasks foreseen in WP4: Training activities on-board small research vessels to acquire marine geophysical datasets.</p>
<b>Lingua straniera:</b>	Inglese