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ANNEX A - Factsheet

Factsheet - no. 1 Technologist (pursuant to art. 24-bis law no. 240/2010) at University of Siena, at National Museum of Antarctica in Siena (MNA)

**Profile:** Technologist

**Places available:** 1

**Area/Assignment Sector:** Equivalent to economic position D3, Administrator Area, Scientific-Technological Sector

**Duration of the contract:** 24 months – full time

**Workplace:** National Museum of Antarctica “Felice Ippolito” in Siena (MNA)

**Project:** “MNA – CNR PEA 2017-2022 agreement for research support and sorting center activities”

**CUP:** D97G23000100001

**Principal Investigator:** Prof. Gianluca Cornamusini

**Job description:**

- management of the rock, mineral, and fossil collection (conservation, study, valorization, sorting);
- management of the meteorite collection (conservation, study, valorization, sorting);
- management of the clast collection from deep cores in glaciomarine sediments (conservation, study, valorization, sorting);
- management of the GeoData, MetData, and CoreSampleData databases relating to the collections;
- updating of the NADC (Italian National Antarctic Data Center) records relating to the rock, mineral, fossil, meteorite, and clast collections and coordinating with the CNR staff who manage the NADC itself;
- management of the library and its database;
- management of the project "Reconnaissance and cataloging of library and multimedia material related to Antarctica" for the bibliographic and multimedia resources under the jurisdiction of the Siena section (geology and planetary sciences), including research into resources held in university libraries, scientific institutions, specialized archives, and other documentary sources throughout the country;
- direct dissemination activities in response to requests for visits and seminars on polar topics, general or related to geology and meteorites;
- inclusion of MNA dissemination and communication initiatives in the Public Engagement register;
- collaboration in updating the MNA website and social media with regard to geological and planetary science content;
- collaboration in organizing temporary polar-themed exhibitions;
- collaboration in updating the Museum's permanent exhibition.

**Application requirements:** Doctorate degree (PhD) in the scientific fields of earth sciences or geological sciences.



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**Professional knowledge and skills:**

- Proven experience managing collections of geological scientific specimens;
- Proven experience in petrographic analysis of terrestrial rocks (igneous, metamorphic, and sedimentary) and extraterrestrial rocks;
- Proven knowledge of Antarctic scientific topics, with particular emphasis on geological topics;
- Proven experience managing scientific bibliographic material;
- Experience in scientific dissemination;
- Knowledge of managing and implementing scientific, bibliographic, and dissemination databases.

**Foreign languages:** advanced english

The **written test** consists of open -ended questions designed to assess the candidate's knowledge and skills required to perform the duties defined in the work program.

The maximum mark for the written exam is 30 points, the pass mark is 21/30.

Written exam topics: the exam will focus on topics related to the activity to be carried out as part of the project.

The **interview** is conducted partially in English, is aimed at ascertaining the knowledge and skills specified above and verifying the candidate's technical-professional abilities, maturity of thought, cultural knowledge and theoretical-practical aptitudes relevant to carrying out the activities specific to the position for which the competition is being held.

For candidates who are not native speakers of Italian, knowledge of the Italian language will be verified. Knowledge of the most common computer applications will also be verified.

The maximum mark for the interview is 30 points, the pass mark is 21/30.

Exam topics: the exam will focus on topics related to the activity to be carried out as part of the project.

**Assessable qualifications (max. 18 points):**

- Participation in Antarctic campaigns (max. **4 punti**);
- publications (max. 8) on Antarctic geology topics (max. **4 points**);
- previous experiences related to the research project (max. **10 points**).