IT Analyst

Vacancy details

Call for position for a part-time IT Analyst of the EMSO ERIC (European Multidisciplinary Seafloor and water column Observatory - European Research Infrastructure Consortium).

The European Multidisciplinary Seafloor and water column Observatory (EMSO) is a Research Infrastructure at fixed-point monitoring nodes connecting European marine research facilities: from the Nordic Seas, Arctic entrance, across North Atlantic, to the Mediterranean and the Black Sea. It currently comprises 12 (twelve) open ocean facilities including 3 (three) shallow water test sites (see www.emso.eu for details).

EMSO is a European Institution set up as an ERIC (European Research Infrastructure Consortium) by decision of the European Commission (September 29, 2016). Its Members are currently States from the European Union although it is open to other external members. Additional information are available on EMSO ERIC website: www.emso.eu

EMSO ERIC is an equal opportunity employer. As such, it does not discriminate in terms of race, age, gender, religion or sexual orientation.

A. Application deadline: 15th February 2021 at midnight, Rome local time.

B. Expected Start date: February 22nd 2021.

C. Type of contract: consulting contract according to Italian Laws.

D. Duration: 12 months, with possibility to renew the assignment for additional 12 months with the agreement of both parties, under the same conditions, 45 days before the deadline of January 31st 2022.

E. Required effort: 1450 working hours.

Max Gross remuneration: 25,000.00 Euro (gross amount net of VAT). Missions allowances authorized travel expenses and travel subsistence cost are to be reimbursed by EMSO ERIC.

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Operative office | Via Giunio Antonio Resti, 63 | 00143 Rome Italy phone: +39 06 45431040
Fiscal Code 97908370584 - VAT Number 14062811006 - email: info@emso-eu.org - pec: eric-emso@legal.email.it - **www.emso.eu**

Employer: EMSO ERIC.

Location: EMSO ERIC Head Office in Rome – Italy, following the Italian Government Covid-19 smart working regulations. Given the nature of the work to be performed, the work can be carried out remotely.

Responsible to: EMSO ERIC Director General and EMSO ERIC IT Officer

<u>Summary:</u>

EMSO ERIC is launching a Vacancy Call for a referenced and experienced IT analyst specialized in the development, deployment and maintenance of information systems and data platforms.

<u>Position Responsibilities:</u>

- Development, deployment and maintenance of software components and web platforms associated with EMSO ERIC data systems.
- Integration of software modules such as APIs and software tools into EMSO ERIC data systems.
- Support the EMSO ERIC Director of IT and data services within the European R&D projects funded to EMSO ERIC.

<u>Required qualifications & competencies:</u>

- B.S. Degree in Marine science, or equivalent
- Training on data analysis.
- Advanced Python programming and RESTful APIs.
- Advanced skills with web technologies, including HTML, CSS, JavaScript, Angular, PostgreSQL/MySQL.
- Proven hands-on experience with MATLAB, Octave, R.

- Extensive experience with Authentication and Authorization Infrastructures, including Keycloak and EGI CheckIn service.
- Work experience with European marine data repositories.
- Written and spoken English.

Desirable skills and competences:

- Knowledge of EMSO ERIC Regional Facilities/Test Sites.
- Proven knowledge and hands on experience with Data Management Platforms, including APIs and data portals.
- Proven experience developing quality control tests for oceanographic data (e.g., QARTOD) and qualification of data.
- Experience on biological and climatological data studies.
- Proficiency in an additional major European language constitutes an advantage.
- Applicants must declare to have a clean criminal record.
- Applicants must be willing and ready to travel throughout Italy and abroad.
- Ability to work under pressure and handle multiple problems simultaneously.
- Previous experience in a European R&D projects reporting and in ERIC Research Infrastructures.
- Submissions are encouraged from citizens of the European Union and Associated Countries.

Working conditions:

- Duties may entail travel within and outside Europe.
- Occasional work and travel on weekends and holidays may be required even on-line, holidays and after hours may be required.

Application procedure:

- Applicants should send a CV along and a cover letter as a single PDF.

- Documents summarizing their relevant experience and expertise and reasons for applying to this EMSO ERIC position.

- Applications should be submitted not later than 15th February 2021 (at midnight Rome local time) by email to recruitment@emso-eu.org, addressed to the Director General of EMSO ERIC, with the following subject heading: "IT Analyst Vacancy".

- Any specific enquiries about this job posting should be sent to: recruitment@emso-eu.org, specifying the terms of the sought position.