

ICT Ontology Developer

Vacancy – Terms of reference

Job description

PURPOSE: LifeWatch ERIC is the EU Infrastructure supplying e-science research facilities for scientists seeking to increase our knowledge and deepen our understanding of biodiversity and ecosystems, supporting civil society in addressing key planetary challenges.

An ICT Ontology Developer is a specialist who develops upper/domain ontologies, thesauri and related tools for management and analysis. S/he will work in the framework of the FAIR-Impact project by assessing the needs of the scientific community for structuring ontologies and thesauri. S/he is responsible for a wide variety of activities related to semantically representing knowledge and developing the related platform.

JOB TITLE: ICT Ontology Developer

LOCATION: Service Centre premises in Lecce, Italy

POSITION: Full-Time, 12 months, possibility of renewal

FUNDING RESOURCES: Full-Time SC – FAIR-Impact project

Main responsibilities

- S/he will work under the supervision of, and directly report to the Service Centre ICT Coordinator for the activities of the FAIR-Impact project, supporting the implementation of semantic resource governance best practices and guidelines, domain-specific ontologies and thesauri, PID-related issues and use case implementation;
- S/he will collaborate with the LifeWatch ERIC scientific community and stakeholders to structure and represent domain-specific knowledge semantically;

- S/he will support EcoPortal team members with the management and alignment of ontologies and thesauri;
- S/he will work on the implementation of semantically-enriched data management solutions for data capture, annotation, integration, indexing, and search;
- S/he will work on the implementation and population of the different metadata and data catalogues (Services, Resources, VREs).

The ideal candidate should meet the following requirements

- A university degree or equivalent qualifications in Computer Science;
- At least 3 years of accredited professional experience in the following topics:
 - 1.Theory of formal languages and formal ontologies (e.g., OWL);
 2. Modelling of domain ontologies, in particular for scientific disciplines;
 3. Semantic web technologies (RDF, SPARQL).
- Fluent in written and spoken English. Skills in other European working languages will be considered an advantage;
- Proven organisation and communication skills, committed to working in teams and to tight deadlines, and in international environments and multi-language contexts;
- Willingness to travel abroad according to the specific working needs of this position.

The vacancy is subject to the following procedure

- A **short covering letter** and **Curriculum Vitae¹ (EUROPASS format and annexes, 4 pages at the most)** shall be written in English and addressed to the LifeWatch ERIC

¹ *Special note for Italian market: According to Italian Privacy Protection Law n. 196/03 any resume not mentioning explicitly the following wording: 'I authorise the use of my personal data in accordance with Italian Privacy Protection Law (30/06/2003, n. 196/03)' will be automatically deleted from our database and consequently not taken into consideration.*

Service Centre ICT Coordinator by **13 January 2023 (12:00 a.m.)**. Please use the form available at this link: <https://zfrmz.eu/00Tg7m9cfVR050h9fXlp>.

- The selection process will follow the Employment Policy of LifeWatch ERIC;
- Only shortlisted candidates will be re-contacted. Selected candidates may be called for an interview with the LifeWatch ERIC Service Centre ICT Coordinator. Interviews will take place **as from 22 January 2023**;
- She/he will be appointed for a 12-month period. A competitive gross salary, 33.000 – 40.000 € based on the qualifications and experience of the candidate, will be offered. Employment will be in Italy and follow Italian employment law;
- This position is full-time. Her/his main office will be located at the Service Centre premises in Lecce, Italy, without prejudice to the establishment of others in the future;
- Start date in office for the **ICT Ontology Developer: 01 February 2023**.

LifeWatch ERIC is an equal opportunity employer, and encourages all qualified candidates to apply, regardless of race, gender, age, national origin, or sexual orientation.