

Vocabularies for describing and enhancing GI/EO Knowledge and Skills for INSPIRE and Copernicus

The INSPIRE and Copernicus initiatives are quite similar. They developed rich data and service infrastructures and are challenged to improve the user uptake, i.e. the use and integration of the data and services into new innovative applications in the context of Governmental processes and activities of the private, public and academic sectors. From that perspective, a right knowledge and skills base is of utmost importance. Therefore, the GI and EO/RS field should be clearly defined and the required skills of those involved should be enhanced. In order to do so, INSPIRE through the ELISE action and Copernicus through the EO4GEO Erasmus+ project have and are currently working on Knowledge Transfer and Skills development activities. The workshop brings together stakeholders that have worked, currently work or plan to work on vocabularies and ontologies that describe the geospatial and space fields. These vocabularies and ontologies could support the design of curricula, the definition of job profiles, the comparison of CV's, the description of ongoing research and the research agendas of organisations, the identification and continuous adaptation of the knowledge landscape in both fields. The vocabularies and ontologies could also be the basis for describing and documenting the tasks of location enabled Government processes, and work processes in the academic and private sectors.

Sub-category 2.11 Education, training and capacity building

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Presenters: see agenda

Track Classification: 2: Digital solutions

Agenda of the session

16:00-16:05 – Introduction to the workshop (Glenn Vancauwenberghe, KU Leuven)

16:05-16:15 – EO4GEO – The Space/Geospatial Sector Skills Alliance (Milva Carbonaro, GISIG)

16:15-16:25 – ELISE - Enabling Digital Government through Geospatial and Location Intelligence (Francesco Pignatelli and Lorena Hernandez, EC JRC)

16:25-16:40 – Vocabularies for INSPIRE implementation and use: linking tasks with skills (Danny Vandembroucke, KU Leuven)

16:40-16:45 – An ontology-based Body of Knowledge for GI & EO (Marc Olijslagers, KU Leuven)

16:45-17:00 – Demonstration of the Living Text Book to define concepts, skills and more (Rob Lemmens, University of Twente)

17:00-17:15 – Defining a Job Offer for a company or public agency using the BoK (Sven Casteleyn and Estefanía Aguilar Moreno, University of Castellon)

17:15-17:30 – Q&A and discussion