

MARIA LUISA QUARTA

Position: Project support officer at MEEO s.r.l., Ferrara, Italy.

Years Professional Experience: 10

SUMMARY OF EXPERIENCE

Maria Luisa Quarta is project support officer at MEEO srl. She has the roles of senior analyst on Copernicus data and applications and GIS expert.

During her 4 years of experience she has gained knowledge of:

- use and analysis of EO data, with focus on Copernicus data and their application to agriculture, forestry and fishery.
- GIS solutions for environment and land administration, data analysis, processing and uploading of geodatabases, remote sensing and aerial photography analysis
- proposal and technical writing documentation in English, dissemination, training and education activities concerning big geospatial data analysis, Copernicus initiative, climate change, EO and data science.
- data management and the related challenges and relevant aspects (metadata standards, compliance with FAIR principles, ontologies).

EDUCATION

2008 Professional Master in G.I.S. for Remote Sensing and Geo-Environmental Planning. University of Rome, Roma Tre, Rome, Italy.

2005 Master's degree in Natural Science, University of Rome, La Sapienza, Rome, Italy.

Attended courses

2020 WEkEO online training with focus on atmospheric and climate data products, and Crop mapping using Copernicus Sentinel data

2017 Website creation and Web Marketing (Margotta S.r.l. Bologna)

Professional experience

Since 2017 Project support officer and Data Analyst at MEEO S.r.l.

2008-2010 Software Assistant in the Project Management Area at Sinergis S.r.l.

2006 Technical Assistant at ARPA Agrotecnica (remote sensing and aerial photography analysis)

Projects (*Earth Observation*)

- **Climat-KIC Master Label – The Spark! On Copernicus data course:** training on the Copernicus programme, the main application fields, main data access tools and use of satellite data.
- **SatTRY:** technical report on the feasibility study with support for satellite data sources analysis of meteorological and climate parameters in the Test Reference Year (TRY) developed by NIER Ingegneria
- **DSI -ESA:** archive Earth Observation data reprocessing
- **Databio (Data Driven Bioeconomy – H2020):** identification of meteo-climate requirements data ingestion and analysis, with focus on agriculture and fishery application
- **Coastal Crete (110-DEM5-L3):** Copernicus Marine Environment Monitoring Service Demonstration Coastal MED-SEA.
- **SHELTER (H2020):** operationalization of data and knowledge for natural and cultural heritage resilience, data description according to metadata standards, data management

Projects (*G.I.S. solutions for environment and land administration*)

- **S.I.R.A. Lazio Project:** data analysis, processing and uploading; maps creation and publication; development of report manuals, training courses and e-learning.
- **PR5aSITII Campania and SIT2COM Sardegna Project:** topological validation procedures applied on cadastral data.
- **AVISIOENERGIA Dolomiti Energia Project:** analysis, filtering and georeferencing of geographic and alphanumeric data from the gas network of Trentino Alto Adige Region.