



Geospatial analysis with open-source GIS solutions

Today a wide range of Engineering applications needs the employment of geospatial analysis: GIS tools combine data analysis and territorial information in many fields of Building, Civil and Industrial sectors. This seminary will provide you the main guidelines for starting with open-source GIS solutions, exploring its main functions with some practical examples.

Part 1 (3hr) – April 24

- Introduction to GIS - Let's start with open-source QGIS software

14:30 – 17:30, room 318

Part 2 (3hr) – April 30

- Practical applications in QGIS: 2D and 3D geospatial analysis

14:30 – 17:30, room 318

Dr. Marcello La Guardia

Phd, Research Assignee in Geomatics, Building Engineer / Architect

Department of Engineering, University of Messina, Italy

*Member of ISPRS (International Society of Photogrammetry and Remote Sensing) –
Commission IV (WG IV/9) - Spatially Enabled Urban and Regional Digital Twins*

