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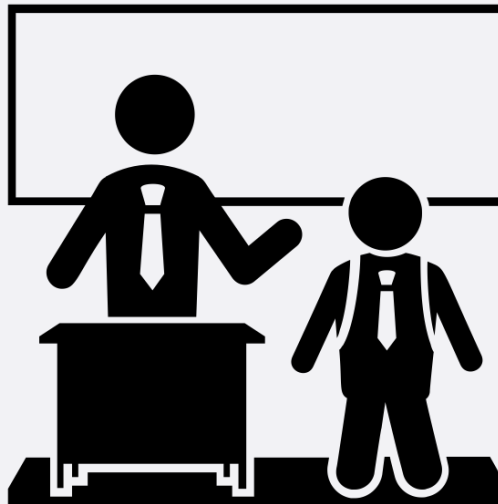
Presentation of the course

Maurizio Napolitano
(napo@fbk.eu)

Course Introduction

Objectives Learning

The laboratory aims to provide the necessary basis for learning how to manage, analyze and visualize geospatial data through open source tools (geospatial libraries for python, qgis, R ...)

At the end of the course, students will be able to:

- understand the specificity of the geospatial data model
- elaborate and integration of geospatial data (vector and raster)
- create maps (also accessible via the web)

Teachers

Maurizio Napolitano

Diego Giuliani

FONDAZIONE BRUNO KESSLER

UNIVERSITY OF TRENTO

Lessons

Every Friday from 1 October to 3 December 2021
with Maurizio Napolitano

Department of Sociology and Social Research -
University of Trento
Room 12

The dates of Diego Giuliani's lessons will be
communicated to you shortly

All official communications will be through the UNITN
teaching space

**https://www.esse3.unitn.it/Guide/PaginaADErogata.do?ad_er_id=
2021*N0*N0*S1*51795*94842&ANNO_ACCADEMICO=2021&mo
stra_percorsi=S**

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Hands-on learning

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Support material

Github
http://github.com/napo/geospatial_course_unitn

Web page
https://napo.github.io/geospatial_course_unitn

final evaluation

Each student will be required to deliver a **paper** through which to show all the concepts learned during the course by choosing a specific theme of **geospatial analysis**.
The **work** must **include** the python and R **code** used for the complete analysis of the list of **dependent libraries** and versione as it must be **reproducible**.
The proposal of the paper must be **agreed** with the teacher at least **2 months** in advance.
Group work is not allowed.

The evaluation will take into consideration:
- the concepts learned
- the ability to draw conclusions from the analyzes made
- compliance with the use of the licenses of the chosen data

@napo

Contacts

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`@napo`