LAIB3M -
Valentino Castle

Arch. Francesco
FIERMONTE
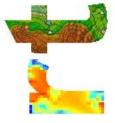
# GIS Re-Start

*An extra-curricular activity for Master Students in Territorial, Urban, Environmental and Landscape Planning*

# A short intro to Geographic Information System

## 11.10.2019 from 14:30 to 17:00

A short introduction to GIS and ArcGIS; GIS project; how find "data" and use related metadata: Geoportal of Regione Piemonte; how organize your workspace; GIS data: load and display (vector and raster); GIS data format (shapefile, geodatabase…); the attribute table; modify the data ("field calculator"); GIS Tools ("geoprocessing"); questions and answers.
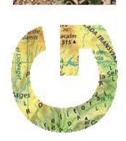
## 18.10.2019 from 14:30 to 17:00

A short revision; load and displaying vector data (points, polyline, polygons); Geoportal of Torino Municipality; attribute data (numeric vs text fields); select by attributes; working with the columns (add, delete, concatenate…); calculate area, length and perimeter; GIS data format (Comma separated value, WMS…); how create an "event layer"; working with the coordinates; load a raster data; questions and answers.

## 25.10.2019 from 14:30 to 17:00

A short revision; how manage "labels"; working with the "queries"; feature selection; working with the table: "join" data; GIS Tools ("geoprocessing": CLIP, BUFFER, DISSOLVE); how organise a print layout (title, scale, dynamic legend, text…); "data export": hard copy or file; questions and answers.