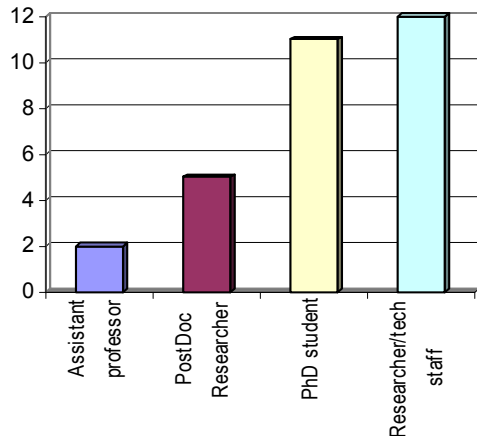


## PARTICIPANTS

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9:00–13:30 / 15:00–18:30

Monday (29 Jan):  
introduction to regression-kriging

Tuesday (30 Jan):  
merging remote sensing and geostat

Wednesday (31 Jan):  
merging DEMs and geostat

Thursday (1 Feb):  
geostatistics in R / gstat

Friday (2 Feb):  
case study / workshop

Saturday (3 Feb):  
excursion—Somma Vesuvio volcano

### ORGANIZING COMMITTEE:

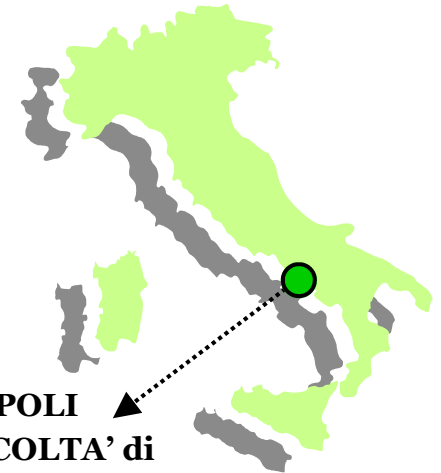
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URL: [geostat.pedometrics.org](http://geostat.pedometrics.org)

### HANDS-ON GEOSTATISTICS TRAINING COURSE:

## “Merging GIS and Spatial Statistics”



NAPOLI  
FACOLTA' di  
AGRARIA

**29 Jan—3 Feb 2007**

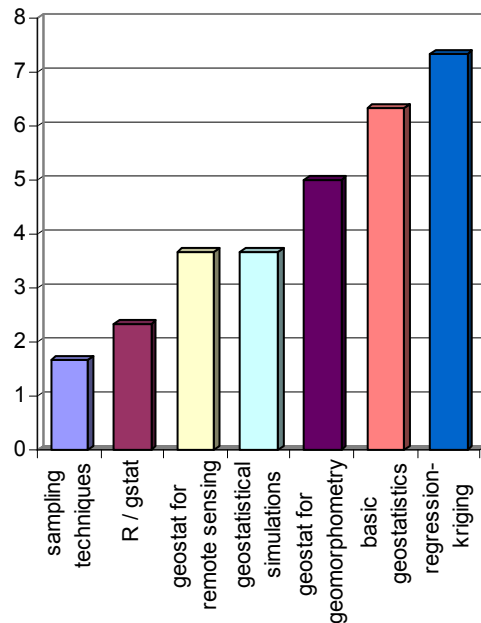
URL: [geostat.pedometrics.org](http://geostat.pedometrics.org)

Università degli Studi di  
Napoli Federico II  
FACOLTA' DI AGRARIA



## Software / topics:

In this course, five packages will be used to run the processing and display the results: ILWIS, SAGA, R, GSTAT and GoogleEarth. All are available as open source or as shareware so that now licenses are needed. ILWIS will be used to process and prepare vector and raster maps and run simple analysis. SAGA, R/GSTAT will be used to run predictions and R will be used to run statistical analysis. Google Earth will be used only to visualize the final results. Follow the instructions available via the homepage and on the CDROM distributed to all course participants.



## Lecturers:



**Tomislav Hengl** is a research officer at JRC Ispra. He is directly involved with the development of methodology for interpolation of continuous and categorical soil variables at various grid resolutions.  
URL: [eussoils.jrc.it](http://eussoils.jrc.it)



**Edzer Pebesma** is a lecturer at the Faculty of Geosciences, University of Utrecht. He is also the creator of **gstat** package and author of numerous geostatistical packages used in **R** programming environment.  
URL: [gstat.org](http://gstat.org)



**Victor Olaya** is a PhD student at the University of Extramadura. Victor developed several land surface parameterization modules for **SAGA GIS** package including the **SAGA GIS** manual.  
URL: [volaya@unex.es](mailto:volaya@unex.es)

## Supported by:



## In brief:

**LOCATION:** Naples, Italy

**PERIOD:** 29 Jan—3 Feb 2007

**MATERIALS:** The course is completely managed through a website [geostat.pedometrics.org](http://geostat.pedometrics.org). Each participant will also receive handouts and a CDROM with all datasets, software installation and all lectures.



**MATERIALS:** The 2nd, 3rd and 4th day of the course, the participants will get practical training in various software packages. Each day, a different topic will be addressed: addition of satellite images as predictors, influence of improved grid resolution and cumulative influence of using a large number of auxiliary predictors on the quality of final outputs.