

Degree (cum laude) in Geology, University of Perugia (Italy) in 1999

PhD in Applied Geology in 2003 at University of Perugia (Italy)

Current position: post-doc researcher at IRPI-CNR (Perugia – Italy)

Memberships:

- founding associate of the Gfosservices S. A. (www.gfosservices.it)
- founding associate of the Italian association for the free geographic information: Gfoss.IT (<http://www.gfoss.it>)

His interests concern the application of Open Source GIS instruments to the field of environmental science.

He has worked on the topics of:

- the geospatial data infrastructure (SDI)
- the GIS data management and modelling
- the sediments production from the hillslopes
- the sediment transport on the rivers
- the river bed sediment analysis
- the geostatistical analysis of the piezometric surfaces and of the geological strata bedding
- the landslide susceptibility at regional scale
- the reclamation of the quarry activity at regional scale

He also has experience on the field work concerning the measure of the hydraulic parameters and of the suspended and bed load of the rivers (bedload and suspended load measuring station of Virginio Creek – Firenze, Italy), the monitoring of the landslides, the geological and geomorphological survey.