Pierluigi de Rosa

Open software environment for geospatial analysis: GRASS, QGIS & R – recent developments and advantages

The talk will begin with a general introduction to GRASS with an overview of the major functionalities of this software GIS open source. Then it will be shows the advantages of the interaction between GRASS and the Quantum GIS Desktop (QGIS) through the GRASS-plugin. Finally we emphases the new plugin SEXTANTE: a powerful analysis plugin able to integrate in the same platform all tools coming from QGIS, GRASS, R, SAGA GIS and scripting using Python language.

Short biography:
Pierluigi De Rosa is PostDoc in river fluvial management and modelling at the University of Perugia (Italy). In February 2009 he got a PhD in Earth Science and Geotechnologies at the University of Perugia. Pierluigi received a degree summa cum laude in Environmental Engineering from University of Perugia in 2004 and in November 2005 he got a Master's degree in Environmental Geotechnologies from University of Siena. His background includes knowledge and implementation of open source geographic information system, geostatistical analysis, landscape environmental modeling.

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