



Università Tor Vergata, Roma

Dipartimento di Informatica,  
Sistemi e Produzione

GeoInformation Doctorate

### Yearly presentations by PhD candidates

DISP meeting room, Ingegneria dell'Informazione ground floor, Via del Politecnico, 1  
1 February 2011, starting at 16:00

**Maurizio Ambrosanio**

### Reduce risk supporting decision-making in territorial management

#### ABSTRACT

In order to prevent the consequences of disastrous events, and to protect human lives and assets, the challenge is to integrate a risk reduction approach in usual territorial management activities, carried out in non-emergency situations.

In this perspective, decision-making processes need to be technically supported by adequate tools and information, not only because of the unawareness of territorial risk, but mainly because these processes are usually single-objective, uncoordinated and fragmented.

To this aim, several theoretical aspects were handled, building up a conceptual framework, core of a GIS-based Decision Support System.

**Maurizio Ambrosanio** received the M.S. degree cum laude in Environmental Engineering in 2007 from Tor Vergata University, Rome. Currently he is a third-year Ph.D. candidate of the GeoInformation Doctorate.

His research is focused on processes, methods and instruments to manage territorial safety.

He is CEO of *In-TIME*, a Tor Vergata University spin-off company supporting processes concerning the territory and the environment by using innovative methodologies and developing GIS-based integrated Information Systems.

*You are cordially invited to attend.*