

Department of Biodiversity and Molecular Ecology Seminar

Thursday 22 May 2014 11:00-12:00 a.m
Room 6302 Sala Conferenze PRC

Seminar title

PGIS: from Heaven to Earth. Remote Sensing applied to ecology.

Abstract

Remote sensing can provide consistent long-term earth observation data at multiple scale and for multiple purposes. In the GIS and remote sensing unit, we apply these data to study ecological processes, epidemiological risks, biodiversity and landscape ecology. Moreover, we use remote sensing to assess the environmental effects of climate variability and land use change. In this seminar, we will present some of the main research topics covered by our group such as biodiversity monitoring (Carol Garzon Lopez), land cover change (Alba German) and landscape epidemiology/ecology (Matteo Marcantonio).

Speakers

Carol Garzon-Lopez (Postdoc): Building the European Biodiversity Observation Network.

Matteo Marcantonio (PhD student): Epid...ecology: two innovative applications of satellite data.

Alba German (M.S. student): Using GRASS GIS to evaluate land cover changes.

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