

# seminari della prossima settimana

Submitted by [Floris Mario](#) on 13 marzo, 2014 - 17:19 [Comunicazioni agli studenti](#)

## Seminario 1

Can topography reveal the nature, rates and trajectory of landscape change?

Data: Lunedì, 17 Marzo, 2014 - 16:30 - 17:30

Aula: Aula Arduino

Relatore: Simon M. Mudd

### Abstract:

For over a century geoscientists have reasoned that the morphology of the landscape could reveal information about its dynamic behaviour. In the last decade an explosion in the availability, spatial coverage and resolution of remotely sensed topographic data has radically improved our ability to test theories of landscape evolution against measurements. In this talk I examine how new topographic analysis techniques on both hillslopes and rivers are helping to reveal the rates, mechanisms and time evolution of landscapes. Specifically I will examine how metrics of relief and topographic curvature can be combined to deduce if landscapes are growing or decaying, possibly in response to tectonic activity, and will describe a new channel analysis technique that can be used to resolve fluvial incision processes in tectonically active landscapes.

Afferenza: Senior Lecturer in Landscape Dynamics: School of GeoSciences, University of Edinburgh, Scotland, UK

Proponente: Andrea D'Alpaos

## Seminario 2

La caratterizzazione geologica alla base di una corretta definizione del modello geotecnico

Data: Martedì, 18 Marzo, 2014 - 16:30 - 17:30

Aula: Aula Arduino

Relatore: Dott. Geol. Stefano Davini

Abstract:

Dalla pianificazione all'esecuzione delle indagini geognostiche.

Il contesto normativo e le specifiche di riferimento

Alcuni casi pratici riguardanti la realizzazione della campagna geognostica, della successiva modellizzazione e del relativo monitoraggio in corso d'opera.

Afferenza: Consulente specialista.

Tipo seminario: Avvio al lavoro

Proponente: Giorgia Dalla Santa

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