



Dipartimento di Ingegneria
Idraulica
ed Applicazioni Ambientali



Università di Palermo

FIRST CALL

Summer school: Advances in Ecohydrology Palermo, 14 – 18 June 2010

Lecturers:

Ignacio Rodríguez-Iturbe

Full Professor, Department of Civil and Environmental Engineering, Princeton University, USA

Amilcare Porporato

Full Professor, Department of Civil and Environmental Engineering, Duke University, USA

Valeriy Ivanov

Assistant Professor, Department of Civil and Environmental Engineering, University of Michigan, USA

Salvatore Manfreda

Assistant Professor, Dipartimento di Ingegneria e Fisica dell'Ambiente, University of Basilicata, Italy

Organization: The summer school will be held at the University of Palermo, organized in 4 days of lessons of 7 hours each and a day of workshop where participants will share experiences on ecohydrology. The summer school is dedicated to PhD students, post doc, researcher and professors interested in ecohydrology. The number of participants will be limited to 50: the selection will be made on the basis of the CV by the organizers.

Topics: Representation and sampling of space-time soil moisture. Stochastic soil moisture dynamics and vegetation response. Soil plant-atmosphere continuum. Hydrologic control on carbon and nitrogen cycles. Patterns of vegetation distribution. Ecohydrology of savannas. Landscape diversity induced by climate in Mediterranean Environment. Hydrologic drivers of biodiversity. Eco-hydrology of managed ecosystems.

Deadlines: manifest your interest before the 10 March 2010.

Costs: Registration fee and deadlines will be communicated in the next call (in the first days of March).

To manifest your interest in participation please send an mail to ecohydrology@idra.unipa.it

