



Earth and Environmental  
Systems Institute



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Gran Paradiso Summer School  
*Fundamental Processes  
in Earth System Dynamics*



Course 2019

# Critical Zone and Ecosystem Dynamics across Space and Time

Grand Hotel, Ceresole Reale (Piedmont, Italy), 8-17 July 2019



## Directors of the course

**Timothy White**, Pennsylvania State University, USA

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## Lectures by

**Emma Aronson**, University of California Riverside, USA; **Steven Banwart**, University of Leeds, UK;

**Alberto Basset**, University of Salento, Italy; **Asmeret Berhe**, University of California Merced, USA;

**Sharon Billings**, University of Kansas, USA; **Palma Blonda**, CNR IIA, Bari, Italy;

**Roberto Buizza**, Scuola Superiore Sant'Anna, Pisa, Italy; **Jean-Martial Cohard**, CNRS Grenoble, France;

**Michele Freppaz**, University of Turin, Italy; **Jerome Gaillardet**, IPG Paris, France;

**Michael Mirtl**, Environment Agency Austria; **Nikolaos Nikolaidis**, Technical Univ. of Crete, Greece;

**Antonello Provenzale**, CNR IGG, Italy; **Pam Sullivan**, University of Kansas, USA;

**Timothy White**, Pennsylvania State University, USA

## Seminars and Tutorials by

**Iliaria Baneschi**, CNR IGG, Pisa, Italy; **Ashlee Dere**, University of Nebraska-Omaha, USA;

**Silvia Giamberini**, CNR IGG, Pisa, Italy; **Jost von Hardenberg**, CNR ISAC, Torino;

**Pietro Mosca**, CNR IGG, Torino, Italy; **Maddalena Pennisi**, CNR IGG, Pisa, Italy

For information and applications please visit the school homepage at [www.to.isac.cnr.it/gpss](http://www.to.isac.cnr.it/gpss)

Deadline for applications: 15 May 2019