

David L Nieland

Subject: Summer School on Modelling Environmental Resilience - 19-26 June 2016, Paris (France)

We are pleased to invite applications to our Summer School on Modelling Environmental Resilience for PhD students, postdocs and researchers. The summer school takes place at the Ecole Normale Supérieure, 19-26 June 2016 in the heart of Paris, France, and is supported by PSL Research University Paris.

This summer school aims to bring together a group of 25 participants with a strong interest in environmental science and with backgrounds in quantitative sciences from across a range of disciplines (ecology, geosciences, physics, agronomy, economics, geography, etc). The objective is to expose the group to a number of views on the concept of 'resilience' of environmental systems. The school offers in-depth courses on the meaning, modelling and application of the idea of resilience in a range of environmental topics including ecology, oceanography, climate, agriculture, and geography. An important part of the summer school is the participation in one of the working groups, where participants work together with one or more lecturers.

Main speakers and themes

- Mick Follows (MIT, USA) Resilience of global carbon and nutrient cycles
- Miguel Altieri (UC Berkeley, USA) Fostering socio-ecological resilience in agroecosystems
- André de Roos (University of Amsterdam, The Netherlands) Resilience and alternative stable states in ecological systems
- Michael Ghil (ENS and UCLA, USA) The mathematical foundations of resilience and its applications to the climate sciences and economics

Additional speakers include

- Benoit Hazard (EHESS)
- Magali Reghezza (ENS)
- Clara Nicholls (UC Berkeley, USA)

The course is intended for PhD students, postdocs and researchers with previous training in quantitative sciences with strong interest in environmental issues and modelling.

The web page with all details and registration:

<http://ceres-backend.ens.fr/summer-school/?lang=en>

Application is now open. Deadline is March 15, 2016

Feel free to forward this information to anyone who may be interested.

Best regards,
The organising committee