

Invited speakers

Andi Andreae, Max Planck Institute, Mainz

Guy Brasseur, NCAR

Richard Betts, UK Meteorological Office

Frans Berkhout, Free University, Amsterdam

Sible Schöne, Klimaatbureau, Utrecht

Pavel Kabat, Wageningen University

Rik Leemans, Wageningen University

Peter Liss, University of East Anglia

Carolien Kroeze, Wageningen University

Carl Folke, Stockholm University

Anthony Patt, IIASA

Yvo de Boer, UNFCCC

Bart van den Hurk, KNMI

Wolfgang Cramer, PIK, Potsdam

Lucas Reijnders, University of Amsterdam

Jeroen van der Sluijs, Utrecht University

Salomon Kroonenberg, Delft University



Lectures and discussion with prominent scientists



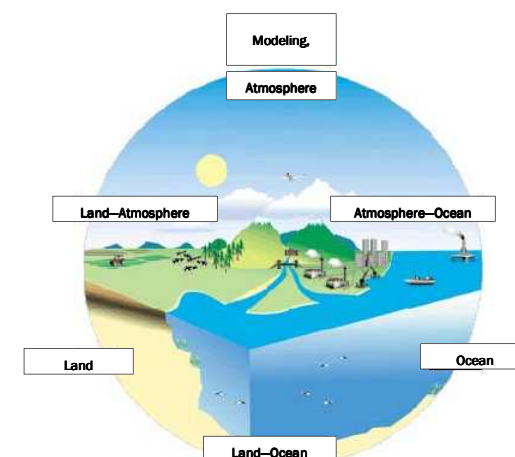
This summer school has received financial support from BSIK-KvR.

S310

Postgraduate summer school

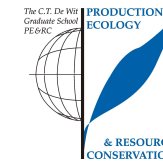
Understanding Global Environmental Change:

Processes, Compartments and Interactions



For further information contact:

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The summer school

Many aspects of our planet are changing rapidly due to human activity. Over the last 50 years, humans have changed ecosystems more rapidly and extensively than in other comparable period of time. All these changes, including climate change, land use change, pollution and biodiversity loss are strongly interrelated and cannot be seen in isolation. Because their impacts influence the entire planet, the combined changes are commonly recognized as global environmental change.

This summer school will focus on how global change affects principal processes, compartments and interactions of the earth system. The summer school will combine general principles of earth system science with cutting-edge scientific insights.

Specific topics that will be covered include:

- Global change observations and trends
- Earth system compartment interactions
- Complex systems and resilience
- Scenarios and modeling potential impacts
- Uncertainty and communication

This multidisciplinary course is especially intended for PhD students from the natural sciences.

Course set-up

The major part of the course will consist of lectures by prominent international scientists (see overleaf), who will be asked to give an overview of their field, as well as touching on more specific state-of-the-art topics. Besides the regular lectures, each day will end with a stimulating aperitif lecture, which will include controversial and philosophical topics.

Active discussion with the lecturers will be stimulated by asking participants to prepare propositions for each lecture. Interaction with lecturers and fellow participants will be further stimulated by poster presentations. Finally, a small group assignment will encourage discussion of the lectures, guided by topical questions.



The summer school will include an excursion to look at adaptive strategies to cope with impacts of global change.

Program

The final program is still under development. In due course, a detailed program of the course will be available through the SENSE website: www.sense.nl/courses/course/S310

Location

The summer course will be held at a central location in the Netherlands.

Application

The course is primarily intended for PhD students, and is limited to approximately 30 participants. However, motivated post-docs and other researchers are also encouraged to apply.

Please apply, before the 30th of June, online at www.sense.nl/courses/course/S310 After registration you will be contacted with the request to submit a short motivation letter and your CV. After a selection procedure, all candidates will be notified about possible participation in July 2009.

If you have any question about the registration procedure, please contact Nynke Hofstra, the course coordinator (see below).

Fee

The course fee is set at € 500, except for PhD students from SENSE, PE&RC and Mansholt graduate schools with an approved Education Plan (TSP), for whom the course fee is set at € 350. Fee includes B&B, coffee, tea, lunches, dinners and course materials.

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