



Stockholm Resilience Centre
Sustainability Science for Biosphere Stewardship



Max Planck Institute
for Biogeochemistry



Planetary
Boundaries
Research
Network

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LOOPS 2014: Closing the Loop – Towards Co-Evolutionary Modelling of Global Society-Environment Interactions

Chorin, Feb 17-18, 2014

Programme

Sunday February 16, 2014

18:30 Dinner (for those who have arrived already)

20:00 Get-together to discuss science, literature, history and Earth

Monday February 17, 2014

Introductions

09:00 – 09:10 Welcome and introduction to the workshop

Scene-Setting I: Where we stand and next steps in Earth system modelling

09:10 – 09:20 Earth system perspectives on the Anthropocene (Timothy Lenton)

09:20 – 09:30 Next steps in integrated assessment modelling (Detlef van Vuuren)

09:30 – 09:40 Blueprinting a Whole Earth Model (Wolfgang Lucht)

Flash round

09:40 – 10:10 Intro Flash Round: Who am I & what I'd like to achieve in modelling

Perspectives *We think it is important to collect the many perspectives and ideas from participants and therefore would like to receive a lot of input before we deliberate on joint modelling, new ideas and joint papers. Each section has two 10-min presentations and a few 5-min presentations. These should have not more than 7 or 3 slides, respectively! Please make sure you keep to your time in this tight schedule!*

Perspectives from social systems modelling

10:10-10:20 Rainer Hegselmann

10:20-10:30 Peter Turchin

10:30-10:35 Hywel Williams

10:35-10:40 Michael Mäs

10:40-10:45 Helga Weisz

10:45-10:50 Sarah Cornell

10:50-10:55 Jobst Heitzig

10:55-11:00 Carsten Lemmen

11:00-11:05 Peter-Paul Pichler

11:05-11:25 Discussion

11:25 – 11:50 Coffee break

Scene-Setting II: Where we stand and next steps in Earth system modelling

