

**Eawag-UNEP Symposium**

# **Ozone depletion, solar UV radiation, and climate change: Interactive effects and feedbacks**



*30 August 2011, 13.00–16.30 Forum Chriesbach, C20,  
Eawag Duebendorf, Switzerland*

## Why an Eawag-UNEP Symposium?

This year, the UNEP panel that assesses the environmental effects of ozone depletion and the interactions with climate change (**U**nited **N**ations **E**nvironment **P**rogramme **E**nvironmental **E**ffects **A**ssessment **P**anel, UNEP EEAP) is holding its annual meeting in Switzerland. The Eawag-UNEP Symposium will bring together scientists from the Swiss Federal Institute of Aquatic Science and Technology (Eawag) with UNEP EEAP members and scientists from the Swiss Federal Institute of Technology Zurich (ETHZ) who serve on the **I**ntergovernmental **P**anel on **C**limate **C**hange (IPCC) and SPARC / WCRP (**S**tratospheric **P**rocesses **A**nd their **R**ole in **C**limate / **W**orld **C**limate **R**esearch **P**rogramme).

The aim of the Eawag-UNEP Symposium is to present research on interactions between stratospheric ozone depletion, solar UV radiation and climate change, and on how global changes affect aquatic and terrestrial ecosystems. Also, interactive effects that cause feedbacks on climate will be discussed. The first talk will give an overview of the UNEP EEAP activities, and the last talk will make a plea for political and individual actions against further global warming. The Eawag-UNEP Symposium is open to scientists from Eawag and Empa, and also to persons outside these institutions who are interested in the theme of this symposium. This symposium is financially supported by the Federal Office for the Environment (FOEN), International Affairs Division.

## Location

Eawag, Forum Chriesbach, Room C20, Ueberlandstrasse 133, 8600 Duebendorf, Switzerland  
See detail map: [www.eawag.ch/about/standorte/anreise\\_dd/index\\_EN](http://www.eawag.ch/about/standorte/anreise_dd/index_EN)



## Registration

Deadline August 22, 2011, no registration fees  
Ilse Hildbrand, [ilse.hildbrand@eawag.ch](mailto:ilse.hildbrand@eawag.ch),  
Tel. +41 (0)58 756 54 90

## Contact

PD Dr. Barbara Sulzberger, Member of UNEP  
EEAP, local organizer of the 2011 UNEP EEAP  
meeting in Switzerland, [sulzberger@eawag.ch](mailto:sulzberger@eawag.ch),  
Tel. +41 (0)44 391 97 85

## Program

### Chairperson

Richard G. Zepp, Member of UNEP EEAP

13.00-13.05

### Welcome address

Janet G. Hering, Director of Eawag

13.05-13.35

### Overview of the UNEP Environmental Effects Assessment Panel activities

Janet F. Bornman, Co-Chair of UNEP EEAP

13.35-14.05

### Effects of ozone depletion and climate change on solar UV radiation

Richard L. McKenzie, Member of UNEP EEAP

14.05-14.35

### Ozone depletion and climate change

Thomas Peter, Co-Chair of SPARC (WCRP)

14.35-15.00

### Coffee break

15.00-15.30

### Terrestrial and aquatic ecosystems in a changing climate

Andreas Fischlin, Member of IPCC

15.30-16.00

### Interactive effects of solar UV radiation and climate change on biogeochemical cycles – Feedbacks on climate

David J. Erickson III, Member of UNEP EEAP

16.00-16.30

### Everyone talks about the weather, but nobody does anything about it

Janet G. Hering, Director of Eawag



Members  
of UNEP  
EEAP



Eawag  
Ueberlandstrasse 133  
P.O. Box 611  
8600 Duebendorf  
Tel. +41 (0)58 765 55 11  
www.eawag.ch

## Speakers and Chairperson

### **Prof. Janet F. Bornman**

Co-Chair of UNEP EEAP, Director of the International Global Change Centre (IGCC), University of Waikato, Hamilton, New Zealand,  
jbornman@waikato.ac.nz

### **Dr. David J. Erickson III**

Member of UNEP EEAP, Senior Scientist in the Computational Earth Sciences Group at the Oak Ridge National Laboratory, USA, Adjunct Professor of Computational Biogeochemistry at Duke University, USA, ericksondj@ornl.gov

### **Prof. Andreas Fischlin**

Member of IPCC, Professor and Head of the Terrestrial Systems Ecology Group at the Swiss Federal Institute of Technology Zurich (ETHZ), Switzerland, andreas.fischlin@env.ethz.ch

### **Prof. Janet G. Hering**

Director of the Swiss Federal Institute of Aquatic Science and Technology (Eawag), Professor of Environmental Biogeochemistry at the Swiss Federal Institute of Technology Zurich (ETHZ), Switzerland, Professor of Environmental Chemistry at the Swiss Federal Institute of Technology Lausanne (EPFL), Switzerland, janet.hering@eawag.ch

### **Dr. Richard L. McKenzie**

Member of UNEP EEAP, Principal Scientist at the National Centre "Atmosphere", National Institute of Water and Atmospheric Research (NIWA), Lauder, New Zealand, r.mckenzie@niwa.co.nz

### **Prof. Thomas Peter**

Co-Chair of SPARC (WCRP), Professor of Atmospheric Chemistry at the Swiss Federal Institute of Technology Zurich (ETHZ), Switzerland, thomas.peter@env.ethz.ch

### **Dr. Richard G. Zepp**

Member of UNEP EEAP, Senior Research Scientist in the Ecosystem Research Division at the United States Environmental Protection Agency, Athens, USA, zepp.richard@epa.gov