

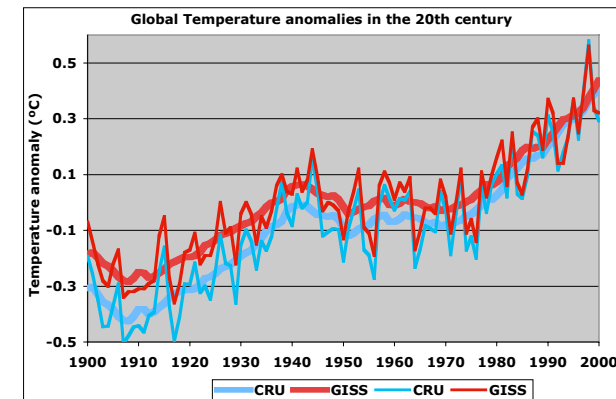
## Invited Speakers

Genrikh Alekseev	AARI, Russia
Tara Ansell	Hadley Centre, UK Met Office
Martin Beniston	University of Fribourg, Switzerland
Guy Brasseur	NCAR, USA
Martin Dameris	DLR, Germany
Paul Della-Marta	University of Bern, Switzerland
Anne Douglass	NASA/GSFC, USA
David Easterling	NOAA/NCDC, USA
Alex Gershunov	Scripps/UCSD, USA
Nick Graham	Scripps/UCSD, USA
Didier Hauglustaine	CEA-CNRS, France
Pamela Heck	SwissRe, Switzerland
Charlie H. Jackman	NASA/GSFC, USA
Phil Jones	University of East Anglia, UK
Valentina Khan	Hydrometeorological Research Center, Russia
Karin Labitzke	University of Berlin, Germany
Mark Liniger	MeteoSwiss, Switzerland
Ulrike Lohmann	ETH Zurich, Switzerland
Cornelia Lüdecke	University of Munich
Carl Mears	Remote Sensing Systems, USA
Annette Menzel	Technical University of Munich, Germany
Joel Norris	Scripps/UCSD, USA
Christoph C. Raible	University of Bern, Switzerland
Eugene Rozanov	PMOD/WRC Davos, Switzerland
Siegfried Schubert	NASA/GSFC, USA
Dian Seidel	NOAA/ARL, USA
Drew Shindell	NASA/GISS, USA
Johannes Staehelin	ETH Zurich, Switzerland
Gera Stenchikov	Rutgers University, USA
Claudia Tebaldi	NCAR, USA
Sakari Uppala	ECMWF, UK
Hans von Storch	GKSS, Germany
Heinz Wanner	University of Bern, Switzerland
Jeff Whitaker	NOAA/ESRL, USA
Martin Wild	ETH Zurich, Switzerland
Scott Woodruff	NOAA/ESRL, USA

## International Scientific Workshop

# Climate variability and extremes during the past 100 years

**24 - 26 July 2006 in Thun-Gwatt**



## Aims and Scope

Large progress has been made in the past few years towards quantifying and understanding climate variability during past centuries. Both the understanding of the past and the knowledge of the processes are important for assessing and attributing the anthropogenic effect on present and future climate. The most important time period in this context is the past 100 years, which comprise both, large natural variations and extremes as well as anthropogenic influences, most pronounced in the past few decades.

The aim of this workshop is to bring together scientists working on data issues together with statistical climatologists, modellers, and atmospheric chemists to discuss gaps in our understanding of climate variability during the past approximately 100 years.

A public panel discussion (in German) will take place on 24 July and everyone is welcome to attend.

The workshop is subdivided into **four sessions**:

1. Extending the observational record
2. Climate variability, trends, and large-scale modes
3. Climate extremes
4. Chemical climate variability and the stratosphere

## Location

Gwatt Centre, Thun, Switzerland  
www.gwatt-zentrum.ch

The Gwatt Centre is located directly on Lake Thun near the city of Thun, which has convenient train connections from all Swiss airports. From Thun, Bus no. 1 (direction Spiez) will take you directly to "Gwattzentrum".

## Registration

Registration is still open for contributing posters and visitors. The registration fee is 300 CHF and includes lunches, coffee breaks and a conference dinner. If you would like to register, please send an email before 30 May 2006, to Stefan Broennimann: stefan.broennimann@env.ethz.ch

## Excursion

A post-workshop excursion to the Jungfrauoch High Altitude Research Station at 3580m a.s.l. is planned. The number of participants is limited to 20 and the expected cost (including meals and train travel) will be approximately 80 CHF.

## Conference board

Stefan Broennimann, ETH Zurich  
Juerg Luterbacher, University of Bern  
Henry Diaz, NOAA/ESRL  
Richard Stolarski, NASA/GSFC  
Urs Neu, ProClim-  
Tracy Ewen, ETH Zurich

## Preliminary Programme

### Sunday

17.00-19.00 Pre-registration

### Monday

8.00 *Registration, coffee, poster set-up*

9.15 *Introduction*

10.00 *Extending the observational record*

10.15 *Coffee break*

10.45 *Extending the observational record (cont'd)*

12.15 *Lunch*

13.15 *Extending the observational record (cont'd)*

15.15 *Coffee break*

15.45 *Extending the observational record (cont'd)*

17.15 *Discussion*

20.00 *Public event - Panel Discussion (in German)*

### Tuesday

8.00 *Registration*

8.15 *Climate variability, trends, and large-scale modes*

10.15 *Coffee break*

10.45 *Climate variability, trends, and large-scale modes (cont'd)*

12.15 *Lunch*

### Tuesday (continued)

13.15 *Climate variability, trends, and large-scale modes (cont'd)*

15.15 *Poster Session*

16.45 *Climate variability, trends, and large-scale modes (cont'd)*

17.45 *Discussion*

19.00 *Conference Dinner*

### Wednesday

8.00 *Registration*

8.15 *Climate extremes*

9.45 *Coffee break*

10.15 *Climate extremes (cont'd)*

11.15 *Discussion*

11.45 *Lunch*

12.45 *Chemical climate variability and the stratosphere*

14.45 *Coffee break*

15.15 *Chemical climate variability and the stratosphere (cont'd)*

17.15 *Discussion*

17.45 *End*

### Thursday

Post-workshop excursion to Jungfrauoch research station