

# Continents under Climate Change

Conference on the Occasion of the 200<sup>th</sup> Anniversary of the Humboldt-Universität zu Berlin

21 - 23 April 2010



## Preliminary Programme

### 1. day - Wednesday, April 21<sup>st</sup> 2010

From 08.00 am	<b>Registration</b> (Federal Foreign Office, Werderscher Markt 1)	03.00-04.00 pm	<b>Special contributions on Climate Change in North- and South America (Call)</b>
10.00am -12.00pm	<b>Opening Session</b> (Federal Foreign Office, Weltsaal)  <b>Welcome address</b> <i>Cornelia Pieper</i> , Minister of State at the Foreign Office  Prof. Dr. Dr. h.c. <i>Christoph Marksches</i> , President Humboldt-Universität zu Berlin  Prof. Dr. Dr.-Ing. <i>Gunnar Berg</i> , Secretary for Natural Sciences German Academy of Science Leopoldina		<i>Climate Change in Brazil: the impacts of different actors on the creation of the National Policy</i> Natascha Trennepohl, Germany  <i>Latin America under climate change: Climate adaptation strategies of city-regions</i> Kerstin Krellenberg, Germany  <i>Mountain Permafrost - a valid archive to study climate change? – Examples from the Rocky Mountains Front Range of Colorado, USA</i> Matthias Leopold, Germany
	<b>Keynote address</b> Prof. Dr. <i>Hans Joachim Schellnhuber</i> CBE, Director Potsdam-Institute for Climate Impact Research	04.00-05.00 pm	<b>Poster Session (Call)</b>
12.00-01.00 pm	<b>Press conference</b> (Selected participators)	06.00-07.00 pm	<b>Invited lecture</b> Annette Schavan, Federal Minister of Education and Research Hartmut Graßl, Germany (Humboldt-Universität, Unter den Linden 6, Auditorium Maximum)
12.00-01.00 pm	<b>Lunch</b>		
01.00-02.30 pm	<b>1st Session on AMERICA</b> (Federal Foreign Office, Weltsaal) / hosted by <a href="#">MÜNCHENER RÜCK</a> <b>Chair:</b> Guy Brasseur, Germany  <b>Invited lectures</b> <b>Climate Change in NORTH AMERICA</b> Stephen Schneider, USA  <b>Climate Change in SOUTH AMERICA</b> José Marengo, Brazil	07.00-09.00 pm	<b>Get together</b> (Humboldt-Universität, Unter den Linden 6) / hosted by <a href="#">GASAG</a>
02.30-03.00 pm	<b>Coffee Break</b>		

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## 2. day - Thursday, April 22<sup>nd</sup> 2010

08.30-10.00 am

### 2nd Session on ASIA

(Federal Foreign Office, Weltsaal) / hosted by [SIEMENS](#)  
Chair: Jin-Song v. Storch, Germany

#### Invited lectures

##### Changes of the Climate System in ASIA

Kazuhiko Takeuchi, Japan

##### Impacts of Climate Change in ASIA

A.S.R.A.S. Sastri, India

10.00-11.00 am

### Coffee Break with Poster Session (Call)

11.00am-12.00pm

### Special contributions on Climate Change in Asia (Call)

*A review of low carbon cities in the Asian region*  
Janice Simson, Japan

*Climate variability and glacier response on the Tibetan Plateau with focus on recent changes in the western Nyainqentanglha Mountains*  
Dieter Scherer, Germany

*Climate change: Environmental and socio-economic impacts in India*  
Shadananan Nair, India

#### PARALLEL

Chair: Ulrich Radtke, Germany

*Sea level observed and projected and impact on the islands of the lower latitudes*  
Gérard Beltrando, France

*Continents under climate AND vegetation change*  
Volker Mosbrugger, Germany

NN  
GASAG, Germany

12.00-01.00 pm

### Lunch

01.00-02.30 pm

### 3rd Session on AFRICA

(Federal Foreign Office, Weltsaal)

Chair: Mariam Akhtar-Schuster, Germany

#### Invited lectures

##### Changes of the Climate System in AFRICA

Roland Schulze, South Africa

##### Impacts of Climate Change in AFRICA

Zafar Adeel, Canada

2.30-03.00 pm

#### Coffee Break

03.00-04.00 pm

### Special contributions on Climate Change in AFRICA (Call)

*Impacts of global change on the hydrological cycle in West and Northwest Africa*  
Andreas Fink, Germany

*A possible future climate scenario for southern Africa: Results from a high-resolution regional climate change projection*  
Andreas Häsler, Germany

*Solar signals in African climate since 1901*  
Joachim Rathman, Germany

#### PARALLEL

Chair: Heiko Paeth

*Downscaling of future climate change for the Mediterranean region*  
Elke Hertig, Germany

*Climate change and land use conflicts in Northern Africa*  
Jürgen Scheffran, Germany

*Climate change adaption in Africa and Asia: challenges ahead and action needed*  
Walter Leal, Germany

05.00-08.00 pm

### [BAYER Climate Award Ceremony](#) with Reception

08.00-10.00 pm

Concert with music and artists from 5 continents  
hosted by [VATTENFALL](#)

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## 3. day - Friday, April 23<sup>rd</sup> 2010

08.30-10.00 am **4th Session on AUSTRALIA and POLAR REGIONS**

(Federal Foreign Office, Weltsaal)  
Chair: Klaus Fraedrich, Germany

### Invited lectures

**Changes of the Climate System in the POLAR REGIONS**  
Karin Lochte, Germany

**Impacts of Climate Change in AUSTRALIA**

Neville Nicholls, Australia

10.00-11.00 am **Coffee Break with Poster Session (Call)**

11.00am-12.00pm **Special contributions to Climate Change in AUSTRALIA and ANTARCTICA/POLAR REGIONS (Call)**

*Satellite observations for identifying continental-scale climate change over Australia*

Kevin Fleming, Australia

*Climate variability and glacier response at Vestfonna - a case study of arctic climate and glacier dynamics at Nordaustlandet, Svalbard in recent years*

Christoph Schneider, Germany

*Impact of oceanic warming on the distribution of seaweeds in polar and cold-temperate waters*

Ruth Müller, Germany

12.00-01.00 pm **Lunch**

01.00-02.30 pm **5th Session on EUROPE**  
(Federal Foreign Office, Weltsaal) / hosted by [GASAG](#)  
Chair: Wolfgang Lucht, Germany

### Invited lectures

**Changes of the Climate System in EUROPE**  
Heinz Wanner, Switzerland

**A Global Contract - Pillars of an Climate and Energy Policy**

Ottmar Edenhofer, Germany

02.30-03.00 pm **Coffee Break**

03.00-04.00 pm **Special contributions to Climate Change in EUROPE (Call)**

*Below 2°C: how might climate look like in Europe?*  
Daniela Jacob, Germany

*Sea level rise and coastal protection - adaptation strategies for sandy coasts*

Peter Fröhle, Germany

*Simulating the future - responses of ecosystems, key species and european provenances to expected climatic trends and events*

Carl Beierkuhnlein, Germany

### PARALLEL

Chair: Uwe Ulbrich, Germany

*Climate change effects on vector-borne diseases in Europe*  
Dominik Fischer, Germany

*Adaptive governance within Europe - the need for integrated adaptation strategies*

Christoph Görg, Germany

*Vattenfall's experience with CCS technology*  
Wolfgang Dirschauer (Vattenfall), Germany

04.00-04.30 pm **Closing Session**  
(Federal Foreign Office, Weltsaal)

**From 1810 via 2010 to 2110 - Lessons learned?**  
Klaus Töpfer, Former Under Secretary General United Nations

04.30-07.00 pm **Excursion**

Natural gas-powered house of our sponsor [GASAG](#)

or

[The Historic Telegrafenberg](#) - Science Park 'Albert Einstein', Potsdam

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