



WORLD CLIMATE RESEARCH PROGRAMME (WCRP)

EUROPEAN COMMISSION (EC)

INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE (IPCC)

INTERNATIONAL CONFERENCE ON REGIONAL CLIMATE – CORDEX 2013

FEATURING

**PRESENTATION OF THE IPCC
FIFTH ASSESSMENT REPORT (AR5)- WORKING GROUP I REPORT**

AND

**2nd INTERNATIONAL CONFERENCE ON COORDINATED
REGIONAL DOWNSCALING EXPERIMENT (CORDEX)**

4-7 NOVEMBER 2013, CHARLEMAGNE BUILDING, BRUSSELS BELGIUM

NOVEMBER 4, 2013

HIGH LEVEL SESSION AND STAKEHOLDER DIALOGUE

MONDAY AM, NOVEMBER 4, 2013
HIGH LEVEL SESSION

08:30 – 10:00 **Registration and Welcome Coffee**

10:00 – 12:30 **High-level Session**

Valentinas MAZURONIS

Minister of Environment of the Republic of Lithuania

Opening by the Representative of the Lithuanian EU Presidency

Chairs: **Ghassem ASRAR, Andrea TILCHE**

Co-Chairs of the Conference

Michel JARRAUD

Secretary-General of WMO

Welcome on behalf of WMO and UNEP

Connie HEDEGAARD

European Commissioner for Climate Action

The first outputs of IPCC AR5 and their implications for climate policy

Kurt VANDENBERGHE

Director of the Environment Directorate, DG Research and Innovation

Climate research and innovation in Horizon 2020 in support to climate policy targets

Including a video message from **Máire GEOGHEGAN-QUINN**, *European Commissioner for Research, Innovation and Science*

Rajendra K. PACHAURI

Chair of the Intergovernmental Panel on Climate Change

The Fifth IPCC Assessment Report (AR5) - General remarks

Thomas STOCKER / Dahe QIN

Co-Chairs Working Group I, Intergovernmental Panel on Climate Change

The physical science basis of climate change - Main outcomes of the IPCC AR5 WGI report

PANEL DISCUSSION with the speakers of the High-level Session including questions from the audience

Moderator: Rory HOWLETT, *Chief Editor of Nature Climate Change*

12:30 – 14:00 **Lunch**

MONDAY PM, NOVEMBER 4, 2013

STAKEHOLDER SESSION

14:00 Introduction: Ghassem ASRAR, Director of WCRP
Role of Climate Science in Global Development

14:20 – 16:10 Policy-maker Panel

Keynote: Christopher FIELD, Co-Chair, IPCC WGII
Regional Impacts, Adaptation and Vulnerability to climate change

Chair: **Humberto DELGADO ROSA**
EC, DG CLIMA

Panellist's Statements:

Giuseppe BORTONE, Director-General for Environment, Soil and Coastal Defence, Emilia-Romagna Region

Alexandra van HUFFELEN, Member of ICLEI Executive Committee and Vice-Mayor of the City of Rotterdam

Jo LEINEN, Member of the European Parliament, Member of the Committee on the Environment, Public Health and Food Safety

Paula CABALLERO GÓMEZ, Director of Economic, Social and Environmental Affairs, Ministry of Foreign Affairs of Colombia and Lead negotiator for Colombia in UNFCCC

Susana MAGRO ANDRADE, Director-General of the Spanish Climate Change Office, Ministry of Agriculture, Food and Environment of the Kingdom of Spain

PANEL DISCUSSION moderated by **Jean-Pascal van YPERSELE**, Vice-Chair, IPCC

16:10 – 16:40 Coffee Break

16:40 – 18:30 End-user Panel

Keynote: Michel JARRAUD, Secretary-General of WMO
The Global Framework for Climate Services: a perspective for the users

Chair: **Renate CHRIST**
IPCC Secretariat

Panellist's Statements:

Ernst RAUCH, Head of Corporate Climate Centre, Munich Reinsurance Company

Wendel TRIO, Director of the Climate Action Network Europe

Maarten van AALST, Director Red Cross/ Red Crescent Climate Centre

Ermina SALKIČEVIĆ - DIZDAREVIĆ, President of the International Commission for Protection of Danube River (ICPDR)

William HARE, CEO and Managing Director Climate Analytics, author of the report for the World Bank: "Turn Down the Heat: Why a 4°C Warmer World Must be Avoided"

PANEL DISCUSSION moderated by **Christopher FIELD**, Co-Chair, IPCC Working Group II

18:30 – 20:00 Reception

NOVEMBER 5-7, 2013

SCIENCE SEGMENT

TUESDAY, NOVEMBER 5, 2013
EVALUATION OF CORDEX REGIONAL DOWNSCALING
PRESENT CLIMATE AND FUTURE CHANGE

08:00 **Registration**

8:30 – 12:30 Plenary session A1: Review of CORDEX and WCRP Regional Climate Science

08:30 – 08:50 Welcome (**Ghassem ASRAR/Antonio BUSALACCHI, Filippo GIORGI / Colin JONES**)

08:50 – 09:10 **Bruce HEWITSON**, Climate science and user needs

09:10 – 09:30 **Clare GOODESS AND Tim CARTER**, Regional climate change impacts

09:30 – 09:50 **Fernanda ZERMOGLIO**, Climate knowledge and use

09:50 – 10:10 **Colin JONES**, CORDEX overview

10:10 – 10:30 **Jens CHRISTENSEN**, Regional Climate Science: Findings of IPCC AR5 WG1

10:30 – 11:00 **COFFEE BREAK**

11:00 – 12:30 Contributed papers (6), Regional Climate Science and CORDEX in Africa

12:30 – 14:00 **LUNCH BREAK & SPECIAL EVENT FOR EARLY CAREER SCIENTISTS**

14:00 – 15:30 Poster session P1: Regional focus

15:00 – 15:30 **COFFEE**

15:30 – 17:30 Parallel sessions B1-B3: Regional focus

Session B1: Europe and Polar regions (**Andreas GOBIET, Samuel SOMOT**, 6 contributed papers)

Session B2: North, Central and South America (**Silvina SOLMAN, Linda MEARNS**, 6 contributed papers)

Session B3: Central, South, East Asia, Australasia, Middle-East (**Raghavan KRISHNAN, Young-Hwa BYUN**, 6 contributed papers)

17:30 – 18:00 Plenary session A2

17:30 – 17:40 Best poster awards

17:40 – 18:00 Conclusions of daily sessions

17:30 – 19:30 Side Event: Dialogue with EUROPEAN PARLIAMENT (By invitation only)

Q & A with members of the European Parliament on the IPCC WG I findings
Co-organized with STOA and JRC

20:00 – 22:00 **CONFERENCE DINNER**

WEDNESDAY, NOVEMBER 6, 2013
METHODOLOGIES FOR REGIONAL DOWNSCALING

08:00 **Registration**

08:30 – 12:30 Plenary session A3: Regional downscaling techniques, status and progress

08:30 – 08:50 **Michel DÉQUÉ**, Overview of dynamical downscaling methods

08:50 – 09:10 **Bertrand TIMBAL**, Statistical downscaling methods

09:10 – 09:30 **Richard JONES**, Sources of uncertainties in regional climate models

09:30 – 09:50 **Duane WALISER**, Observations and data in support of regional climate science

09:50 – 10:10 **William GUTOWSKI**, Performance metrics

10:10 – 10:30 **Martin JUCKES**, CORDEX model archives and plans

10:30 – 11:00 **COFFEE BREAK**

11:00 – 12:30 Contributed papers (6)

12:30 – 14:00 **LUNCH BREAK**

14:00 – 15:30 Poster session P2: Methodologies

15:00 – 15:30 **COFFEE**

15:30 – 17:30 Parallel sessions B4-B6: Methodologies

Session B4: Dynamical methods (**Akio KITO**H, 7 contributed papers)

Session B5: Statistical downscaling (**Rasmus BENESTAD**, 7 contributed papers)

Session B6: Observations, data and Global Circulation Models (**Mark DOHERTY**, **Jörg SCHULZ**, 6 contributed papers)

17:30 – 18:00 Plenary session A4

17:30 – 17:40 Best poster awards

17:40 – 18:00 Conclusions of daily sessions

18:00 – 20:00 [Special session: European Climate Research Alliance](#)

18:00 – 20:00 Poster session P3: Regional focus (continued)

THURSDAY, NOVEMBER 7, 2013
APPLICATIONS, IMPACTS AND SERVICES

08:00 **Registration**

08:30 – 12:30 Plenary session A5: Applications of regional climate information

08:30 – 08:50 **Andrew ROBERTSON**, Actionable science

08:50 – 09:10 **Andy MORSE**, Impacts: health

09:10 – 09:30 **Federica CARFAGNA**, Impacts: agriculture and food security

09:30 – 09:50 **Anne FRIGON**, Impacts: water resources and energy

09:50 – 10:10 **Maarten VAN AALST**, Impacts: disaster risk reduction

10:10 – 10:30 **Rupa Kumar KOLLI**, CORDEX and the Global Framework for Climate Services

10:30 – 11:00 **COFFEE BREAK**

11:00 – 12:30 Contributed papers (6)

12:30 – 14:00 **LUNCH BREAK**

14:00 – 15:30 Poster session P4: Applications

15:00 – 15:30 **COFFEE**

15:30 – 16:15 Plenary session A5 (continued)

15:30 – 16:15 Contributed papers (3)

16:15 – 18:00 Plenary session A6: Future directions for regional climate science and CORDEX

16:15 – 16:30 **Daniela JACOB**, From Global Climate Models to Regional Earth System Models

16:30 – 17:00 **Raymond ARRITT**, Seasonal to decadal regional predictions

17:00 – 17:30 **Filippo GIORGI**, Regional climate projections

17:30 – 17:40 Best poster awards

17:40 – 18:00 Conclusions of daily sessions

18:00 – 18:30 Conference conclusions

CONFERENCE SPONSORS



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