

CONFERENCE PROGRAMME

INTERNATIONAL CONFERENCE ON REGIONAL CLIMATE

CORDEX 2013

FEATURING

PRESENTATION OF THE IPCC WORKING GROUP I
CONTRIBUTION TO THE FIFTH ASSESSMENT REPORT (AR5)
"CLIMATE CHANGE 2013 – THE PHYSICAL SCIENCE BASIS"

AND

2ND INTERNATIONAL CONFERENCE ON COORDINATED
REGIONAL DOWNSCALING EXPERIMENT (CORDEX)

4-7 November 2013,
Charlemagne Building, Brussels, Belgium



PROGRAMME AT A GLANCE



	Monday, 4 November	Tuesday, 5 November	Wednesday, 6 November	Thursday, 7 November
	High-level Session Stakeholder Dialogue PLENARY SESSIONS: GASP (level 2) video streaming MANS & JENK (level 0)	Evaluation of CORDEX regional downscaling Present climate and future change PLENARY SESSIONS: GASP (level 2) video streaming MANS & JENK (level 0)	Methodologies for regional downscaling PLENARY SESSIONS: GASP (level 2) video streaming MANS & JENK (level 0)	Applications, impacts and services PLENARY SESSIONS: GASP (level 2) video streaming MANS & JENK (level 0)
08:00		Registration	Registration	Registration
08:30				
09:00	Registration Welcome Coffee			
09:30		Plenary Session A1	Plenary Session A3	Plenary Session A5
10:00				
10:30		<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>
11:00	High-level Session			
11:30		Plenary Session A1 <i>(continued)</i>	Plenary Session A3 <i>(continued)</i>	Plenary Session A5 <i>(continued)</i>
12:00				
12:30	<i>Lunch</i>	<i>Lunch</i>	<i>Special Event for ECS</i> GASP (level 2)	<i>Lunch</i>
14:00				
14:30		Poster Session P1 poster area: N° 01-40 (level 0) N° 41-80 (level 2)	Poster Session P2 poster area: N° 01-40 (level 0) N° 41-80 (level 2)	Poster Session P4 poster area: N° 01-40 (level 0) N° 41-80 (level 2)
15:00	Stakeholder Dialogue Policy-maker Panel	<i>Coffee Break (15:00 – 15:30)</i>	<i>Coffee Break (15:00 – 15:30)</i>	<i>Coffee Break (15:00 – 15:30)</i>
15:30				Plenary Session A5 <i>(continued)</i>
16:00		Parallel Sessions B1 GASP (level 2) B2 MANS (level 0) B3 JENK (level 0)	Parallel Sessions B4 GASP (level 2) B5 MANS (level 0) B6 JENK (level 0)	
16:30	16:10 <i>Coffee Break</i>			
17:00				16:15 Plenary Session A6
17:30	16:40 Stakeholder Dialogue End-user Panel	Plenary Session A2	Plenary Session A4	
18:00		Side Event: Dialogue with the European Parliament <i>(by invitation only)</i> European Parliament (ASG3)		
18:30		Special Session ECRA GASP (level 2)	Poster Session P3 poster area: N° 01-40 (level 0) N° 41-80 (level 2)	Conclusions of the Conference
19:00				
19:30	RECEPTION (Charlemagne building)			
20:00		19:45 SOCIAL DINNER (until 21:30, Charlemagne building)		

DAILY SCIENTIFIC AND SOCIAL EVENTS

MONDAY, 4 NOVEMBER 2013

Reception

Venue: European Commission – Charlemagne building, Catering area (level 2)

Time: 18:30 – 20:00

TUESDAY, 5 NOVEMBER 2013

Special Event for Early Career Scientists (ECS)

All early career scientists attending the conference are invited to the panel discussion on capacity development and outreach. We invite all the participants to have lunch together after the event with the opportunity to further networking with leading members of the modelling community.

Rooms: GASP (level 2)

Time: 12:30 – 14:00

Best Poster Awards

Announcement of the best poster presented by a student or an early career scientist during the poster session P1. This is the result of an evaluation process by an ad-hoc committee of senior scientists.

Rooms: GASP (level 2), with live video in MANS and JENK

Time: 17:30 – 17:40

Special Session: European Climate Research Alliance (ECRA)

«When models (don't) meet observations – Scale challenges in high resolution climate modelling»

Rooms: GASP (level 2)

Time: 18:00 – 19:45

Side Event: Dialogue with the European Parliament (by invitation only)

Q & A with members of the European Parliament on the IPCC WG I findings

Co-organised with STOA and JRC

Rooms: European Parliament (A5G3)

Time: 17:30 – 19:30

Social Dinner

Venue: European Commission – Charlemagne building, Catering area (level 2)

Time: 19:45 – 21:30

WEDNESDAY, 6 NOVEMBER 2013

Best Poster Awards

Announcement of the best poster presented by a student or an early career scientist during the poster session P2. This is the result of an evaluation process by an ad-hoc committee of senior scientists.

Room: GASP (level 2), with live video in MANS and JENK

Time: 17:30 – 17:40

THURSDAY, 7 NOVEMBER 2013

Best Poster Awards

Announcement of the best poster presented by a student or an early career scientist during the poster session P3 and P4. This is the result of an evaluation process by an ad-hoc committee of senior scientists.

Rooms: GASP (level 2), with live video in MANS and JENK

Time: 17:30 – 17:40

Monday, 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**, *WCRP*
Andrea Tilche, *EC*
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

European Commission, DG Research and Innovation, Director Environment

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*

Jean-Pascal van Ypersele

Vice-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

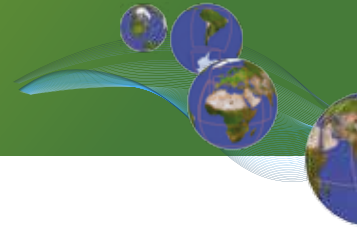
PANEL DISCUSSION

with the speakers of the High-level Session and **Rajendra K. Pachauri**, *Chair of the IPCC (live from New Delhi)*

Moderated by **Rory Howlett**, *Chief Editor of Nature Climate Change*

12:30 – 14:00 **Lunch**

Monday, November 4, 2013



Stakeholder Dialogue

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, Italy*

Holger Robrecht, *Deputy Regional Director, ICLEI European Secretariat*

Jo Leinen, *Member of the European Parliament*

Paula Caballero Gómez, *Director of Economic, Social and Environmental Affairs, Ministry of Foreign Affairs of Colombia*

Francisco Pascual Pérez, *Spanish Climate Change Office, Ministry of Agriculture, Food and Environment, Spain*

PANEL DISCUSSION moderated by **Jean-Pascal van Ypersele**, *Vice-Chair of 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**
Secretary of the IPCC

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 of Climate Analytics*

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

18:30 – 20:00 Reception

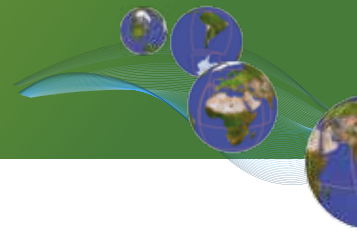
Tuesday, November 5, 2013



Evaluation of CORDEX Regional Downscaling Present Climate and Future Change

08:00	Registration	
08:30 – 12:30	Plenary Session A1:	Rooms: GASP , MANS, JENK
	Review of CORDEX and WCRP Regional Climate Science	
	<i>Chairs: F. Giorgi, B. Hewitson</i> <i>Rapporteurs: M. Rixen, C. Jones</i>	
08:30 – 08:50	Welcome Ghassem Asrar/Antonio Busalacchi, Filippo Giorgi/Colin Jones	
08:50 – 09:10	Climate science and user needs: a matter of expectations, Bruce Hewitson (PI-A1-01)	
09:10 – 09:30	Making the best use of regional information for analysing climate change impacts and adaptation, Clare Goodess (PI-A1-02)	
09:30 – 09:50	Navigating between islands of knowledge in an ocean of confusion: Reflections on the use of climate information, Maria Fernanda Zermoglio (PI-A1-03)	
09:50 – 10:10	An overview of CORDEX progress over the past 4 years, Colin Jones (PI-A1-04)	
10:10 – 10:30	Regional climate science: Findings of IPCC AR5 WG1, Jens H. Christensen (PI-A1-05)	
10:30 – 11:00	Coffee Break	
11:00 – 11:15	How does a regional climate model modify the projected climate change signal of the driving GCM: A case study over different CORDEX regions using REMO, Claas Teichmann (PI-A1-06)	
11:15 – 11:30	The bias and climate change signal in the Phase I CREMA experiment, Erika Coppola (PI-A1-07)	
11:30 – 11:45	African monsoons in global and regional climate models, Grigory Nikulin (PI-A1-08)	
11:45 – 12:00	CORDEX climate simulations for Africa using COSMO-CLM (CCLM), Hans-Jürgen Panitz (PI-A1-09)	
12:00 – 12:15	CanRCM4 and CRCM5 simulations over CORDEX- Africa domain: Evaluation of daily precipitation statistics and the monsoon onset-offset over western Sahel (15°W to 15°E and 12°N to 18°N), Emilia Paula Diaconescu (PI-A1-10)	
12:15 – 12:30	Projections of extreme rainfall events in CORDEX simulations for southern Africa, Izidine Pinto (PI-A1-11)	
12:30 – 14:00	Special Event for Early Career Scientists (ECS)	12:30 – 14:00 Lunch
	Room: GASP	
14:00 – 15:30	Poster Session P1: Regional focus	15:00 – 15:30 Coffee Break
	Rapporteurs: Ailikun, L. Mearns	

Tuesday, November 5, 2013



15:30 – 17:30

Parallel Session B1: Europe and Polar Regions

Room: GASP

Chair: D. Jacob

Rapporteurs: G. Nikulin, M. Dequé

15:30 – 15:45

The Euro-CORDEX initiative: A new generation of regional climate scenarios for Europe, **Andreas Gobiet** (Pa-B1-01)

15:45 – 16:00

The Med-CORDEX initiative: first use of very high resolution RCMs and fully-coupled multi-component Regional Climate System Models to assess climate variability and change in the Mediterranean, **Samuel Somot** (Pa-B1-02)

16:00 – 16:15

The simulation of European heat waves from an ensemble of regional climate models within the EURO-CORDEX project, **Robert Vautard** (Pa-B1-03)

16:15 – 16:30

Regional climate modeling on European scales: A joint standard evaluation of the EURO-CORDEX RCM ensemble, **Sven Kotlarski** (Pa-B1-04)

16:30 – 16:45

Projected 21st century changes in European temperature and precipitation in an ensemble of Europe-CORDEX regional climate model simulations, **Erik Kjellström** (Pa-B1-05)

16:45 – 17:00

Impact of ocean-atmosphere coupling and high resolution on the simulation of tropical-like cyclones over the Mediterranean Sea: multi-model analysis with MedCORDEX and EURO-CORDEX simulations, **Miguel Ángel Gaertner** (Pa-B1-06)

17:00 – 17:15

Arctic climate change in an ensemble of future scenario simulations with the regional atmosphere model RCA, **Torben Koenigk** (Pa-B1-07)

17:15 – 17:30

Estimating Greenland ice sheet surface mass balance contribution to future sea level rise using the regional climate model MAR, **Xavier Fettweis** (Pa-B1-08)

15:30 – 17:30

Parallel Session B2: North, Central and South America

Room: MANS

Chair: A. Frigon

Rapporteurs: R. Arritt, S. Solman

15:30 – 15:45

CORDEX – South America: Present climate and future change, **Silvina Solman** (Pa-B2-01)

15:45 – 16:00

The Development of North American CORDEX: Lessons learned from NARCCAP, **Linda Mearns** (Pa-B2-02)

16:00 – 16:15

Evaluation of simulation fidelity for precipitation, cloudiness and insolation in the North America Regional Climate Change Assessment Program, **Huikyo Lee** (Pa-B2-03)

16:15 – 16:30

Comparison of North-American CORDEX simulations with the Canadian Regional Climate Model at 0.11, 0.22 and 0.44 degree: Does the simulated climate get better with higher resolution? **Philippe Lucas-Picher** (Pa-B2-04)

16:30 – 16:45

CWRF present climate prediction and future climate change projection over North America, **Xin-Zhong Liang** (Pa-B2-05)

16:45 – 17:00

Interannual variability of precipitation and temperature, present and future change from an ensemble of regional projections with RegCM4 for the CORDEX Central America domain, **Ramón Fuentes-Franco** (Pa-B2-06)

17:00 – 17:15

Comparison of simulated precipitation over Northern South America in different CORDEX domains, **Domingo Sales** (Pa-B2-07)

17:15 – 17:30

Sensitivity study on convection schemes in RegCM4.3, in the simulation of air temperature and precipitation fields in Central America and the Caribbean, **Daniel Martínez-Castro** (Pa-B2-08)

Tuesday, November 5, 2013



15:30 – 17:30

Parallel Session B3: Central, South, East Asia, Australasia, Middle-East

Room: JENK

Chair: L. Stevenson

Rapporteurs: A. Kitoh, R. Krishnan

15:30 – 15:45

CORDEX multi-model assessment of patterns of rainfall and circulation variability associated with 'breaks' in the Indian monsoon, **Krishnan Raghavan** (Pa-B3-01)

15:45 – 16:00

Recent progress and consensus of CORDEX-East Asia, **Young-Hwa Byun** (Pa-B3-02)

16:00 – 16:15

NARClm: A regional climate projection ensemble over Australia, **Jason Evans** (Pa-B3-03)

16:15 – 16:30

Development of a regional ocean-atmosphere coupled model and the dynamically downscaled climate changes over CORDEX East Asia domain, **Liwei Zou** (Pa-B3-04)

16:30 – 16:45

Changes in Indian summer monsoon mean flow and extreme weather events and their future projections: Some results from RegCM4.3 CORDEX simulations, **Sushil Kumar Dash** (Pa-B3-05)

16:45 – 17:00

Evaluation of elevation dependency of temperature trends over South Asia from CORDEX multi-model simulations, **Jayashree Revadekar** (Pa-B3-06)

17:00 – 17:15

Simulation of summer monsoon rainfall over the Western Ghats in CORDEX models, **Milind Mujumdar** (Pa-B3-07)

17:15 – 17:30

CORDEX-Mena: Climate downscaling driven by regional needs for assessing impacts on water resources, **Phil Graham** (Pa-B3-08)

17:30 – 18:00

Plenary Session A2

Rooms: GASP, MANS, JENK

Chair: C. Jones

17:30 – 17:40

Best poster awards

17:40 – 18:00

Conclusions of daily sessions

18:00 – 19:45

Special Session:

European Climate Research Alliance (ECRA)

« When models (don't) meet observations - Scale challenges in high resolution climate modelling »

Room: GASP

17:30 – 19:30

Side Event:

Dialogue with the European Parliament (by invitation only)

Q & A with members of the European Parliament on the IPCC WG I findings

Co-organised with STOA and JRC

Room: European Parliament, A5G3

19:45 – 21:30

Social Dinner

Wednesday, November 6, 2013



Methodologies for Regional Downscaling

08:00	Registration	
8:30 – 12:30	Plenary Session A3: Regional Downscaling Techniques, Status and Progress Chair : A. Tilche Rapporteurs: J. Christensen, F. Giorgi	Rooms: GASP , MANS, JENK
08:30 – 08:50	Overview of dynamical downscaling methods, Michel Déqué (PI-A3-01)	
08:50 – 09:10	Statistical downscaling methods, Bertrand Timbal (PI-A3-02)	
09:10 – 09:30	Sources of uncertainty in regional climate information, Richard Jones (PI-A3-03)	
09:30 – 09:50	Developing a systematic set of observations, diagnostics/metrics and tools for evaluating Regional Climate Models, Duane Waliser (PI-A3-04)	
09:50 – 10:10	Performance metrics, William Gutowski (PI-A3-05)	
10:10 – 10:30	Plans for CORDEX data archival and access through ESGF, Martin Juckes (PI-A3-06)	
10:30 – 11:00	Coffee Break	
11:00 – 11:15	Added value and signal-to-noise in an eight-member ensemble of the KNMI regional climate model RACMO2 at 12 km resolution, Geert Lenderink (PI-A3-07)	
11:15 – 11:30	Quantifying changes in risk of extreme weather events attributable to anthropogenic climate change using regional climate models, Friederike Otto (PI-A3-08)	
11:30 – 11:45	Comparison of projected climate change signals of REMO over overlapping regions of several CORDEX domains, Andreas Haensler (PI-A3-09)	
11:45 – 12:00	Regional climate science for the 3rd U.S. National Climate Assessment, Donald Wuebbles (PI-A3-10)	
12:00 – 12:15	Improving the quality of regional climate projections by joining empirical-statistical and dynamical downscaling, Abdelkader Mezghani (PI-A3-11)	
12:15 – 12:30	The statistical downscaling portal. An end-to-end tool for regional impact studies, Jose M. Gutiérrez (PI-A3-12)	
12:30 – 14:00	Lunch	

Wednesday, November 6, 2013



14:00 – 15:30

Poster Session P2: Methodologies

Rapporteurs: S. Somot, A. Robertson

15:00 – 15:30 Coffee Break

15:30 – 17:30

Parallel Session B4: Dynamical Methods

Room: GASP

Chair: E. Kjellström

Rapporteurs: A. Rinke, M. Rixen

15:30 – 15:45

Dynamical downscaling for climate extremes projections, **Akio Kitoh** (Pa-B4-01)

15:45 – 16:00

Using regional climate models to evaluate the implications of global warming for African climate, **Rachel James** (Pa-B4-02)

16:00 – 16:15

A closer look on the precipitation change signal over complex topography, **Andreas Fischer** (Pa-B4-03)

16:15 – 16:30

Effects of increased horizontal resolution from reanalysis-driven HadGEM3-RA on the European domain, **Erasmus Buonomo** (Pa-B4-04)

16:30 – 16:45

Climate indices comparison: are there differences between EU-FP6 ENSEMBLES and CORDEX projections in a complex terrain? **Maddalen Mendizabal** (Pa-B4-05)

16:45 – 17:00

High resolution simulations of climate change impacts on waves and storm surges in the Mediterranean Sea, **Piero Lionello** (Pa-B4-06)

17:00 – 17:15

Projected changes in the attributes of drought over southern Africa under climate change, **François Engelbrecht** (Pa-B4-07)

17:15 – 17:30

Influence of domain size and resolution on regional downscaling of the Indian summer monsoon, **Jagdishwor Karmacharya** (Pa-B4-08)

15:30 – 17:30

Parallel Session B5: Statistical Downscaling

Room: MANS

Chair: B. Timbal

Rapporteurs: R. Benestad, B. Hewitson

15:30 – 15:45

Versatile applications of empirical-statistical downscaling, **Rasmus Benestad** (Pa-B5-01)

15:45 – 16:00

Climate change projections of surface temperature over Northern Italy for the periods 2021-2050 and 2070-2099, **Rodica Tomozeiu** (Pa-B5-02)

16:00 – 16:15

Statistical Regionalization Models Intercomparisons and hydrological impacts Project (StaRMIP) : First results, **Pradeebane Vaittinada Ayar** (Pa-B5-03)

16:15 – 16:30

Comparing and ranking dynamical and empirical-statistical downscaling products over Europe, **Oskar Landgren** (Pa-B5-04)

16:30 – 16:45

Ability of statistical and dynamical downscaling approaches to reproduce mean and heavy precipitation at different spatial scales over Europe, **Ana Casanueva** (Pa-B5-05)

16:45 – 17:00

A stochastic model output statistics approach for correcting and downscaling precipitation including extremes, **Douglas Maraun** (Pa-B5-06)

17:00 – 17:15

Spatially localized climate change scenarios for Switzerland and expected changes in key climate indices, **Elias Zuber** (Pa-B5-07)

17:15 – 17:30

Improving crop simulations by bias reduction of RCM climate change projections: Evaluation on the present climate, **Margarita Ruiz-Ramos** (Pa-B5-08)

Wednesday, November 6, 2013



15:30 – 17:30	Parallel Session B6: Observations, Data and Global Circulation Models Chair: J. Schmetz Rapporteurs: M. Doherty, D. Waliser	Room: JENK
15:30 – 15:45	The ESA climate change initiative and regional climate science: Links and perspectives, Mark Doherty (Pa-B6-01)	
15:45 – 16:00	EUMETSAT's contribution to the generation of high-quality climate data records, Joerg Schulz (Pa-B6-02)	
16:00 – 16:15	Uncertainties in the observational datasets and its role in the weighting of climate models, Juan Jose Gomez-Navarro (Pa-B6-03)	
16:15 – 16:30	High-resolution reanalysis for the Euro-CORDEX region, Christian Ohlwein (Pa-B6-04)	
16:30 – 16:45	LUCHS - an approach for implementing land-use changes in regional climate models by using observation data, Swantje Preuschmann (Pa-B6-05)	
16:45 – 17:00	Sub-selecting CMIP5 GCMs for downscaling over multiple regions, Carol McSweeney (Pa-B6-06)	
17:00 – 17:15	Monitoring of changes in climate during blocking event by using run rule based quality control chart, Rashid Mehmood (Pa-B6-07)	
17:15 – 17:30	How well do CMIP5 Earth System Models simulate present climate conditions? A performance comparison for selected CORDEX domains, Jesus Fernandez (Pa-B6-08)	
17:30 – 18:00	Plenary Session A4: Chair: W. Gutowski	Rooms: <u>GASP</u> , MANS, JENK
17:30 – 17:40	Best poster awards	
17:40 – 18:00	Conclusions of daily sessions	
18:00 – 20:00	Poster Session P3: Regional Focus (continued) Rapporteurs: C. Lennard, A. Gobiet	

Thursday, November 7, 2013



Applications, Impacts and Services

08:00 **Registration**

8:30 – 12:30

Plenary Session A5:

Rooms: [GASP](#), MANS, JENK

Applications of Regional Climate information

Chair: C. Goodess

Rapporteurs: R. Kumar Kolli, A. Morse

08:30 - 08:50

Integrative approaches toward action-oriented climate information for development, **Andrew Robertson** (PL-A5-01)

08:50 - 09:10

Impacts: Health – The challenges and successes of projecting regional scale climate impacts of vector-borne diseases of animals and people in Europe and Africa, **Andy Morse** (PL-A5-02)

09:10 - 09:30

Climate change stress test for the African risk capacity, **Federica Carfagna** (PL-A5-03)

09:30 - 09:50

Using RCM data over North America: Examples of impact studies on water resources and energy through collaboration projects at Ouranos, **Anne Frigon** (PL-A5-04)

09:50 - 10:10

Early Warning, Early Action: enabling better disaster risk management with actionable climate information, **Erin Coughlan** (PL-A5-05)

10:10 - 10:30

CORDEX and the Global Framework for Climate Services, **Rupa Kumar Kolli** (PL-A5-06)

10:30 – 11:00

Coffee Break

11:00 - 11:15

CORDEX-Africa: Taking CORDEX to society, **Christopher Lennard** (PL-A5-07)

11:15 - 11:30

Are regional climate models relevant for crop yield prediction in West Africa?, **Benjamin Sultan** (PL-A5-08)

11:30 - 11:45

Uncertainties in climate impact modelling: case study for spatial distribution shift of beech and spruce, **Nils Hempelmann** (PL-A5-09)

11:45 - 12:00

Regional climate models: a novel approach to studying soil erosion, **Hannah Nissan** (PL-A5-10)

12:00 - 12:15

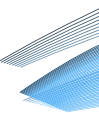
DRIAS, les futurs du climat : A service for access to climate informations for adaptation in France, **Julien Lemond** (PL-A5-11)

12:15 - 12:30

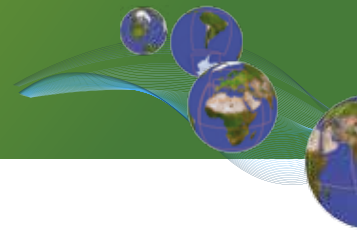
Impacts of climate-driven changes on coastal marine ecosystems and related good and services, **Cosimo Solidoro** (PL-A5-12)

12:30 – 14:00

Lunch



Thursday, November 7, 2013



14:00 - 15:30

Poster Session P4: Applications

Rapporteurs: K.K. Kanikicharla, F. Zermoglio

15:00 - 15:30 Coffee Break

15:30 - 16:15

Plenary Session A5 (continued)

15:30 - 15:45

The Swiss Alpine glaciers response to the global 2°C air temperature target based on transient gridded RCM data, **Nadine Salzmann** (PI-A5-13)

15:45 - 16:00

Expected future changes in the climate and severe weather events in the Middle East and the Arabian Gulf region", **Krishna Kumar Kanikicharla** (PI-A5-14)

16:00 - 16:15

Using downscaled climate change scenarios to model the impact on farming systems from a financial vulnerability point of view, **Peter Johnston** (PI-A5-15)

16:15 - 18:30

Plenary Session A6:

Rooms: GASP, MANS, JENK

Future Directions for Regional Climate Science and CORDEX

Chair: G. Asrar

Rapporteurs: W. Gutowski, C. Goodess

16:15 - 16:30

From GCM to RCM – from ESM to RESM, **Daniela Jacob** (PI-A6-01)

16:30 - 17:00

Seasonal-to-decadal regional forecasts, **Raymond Arritt** (PI-A6-02)

17:00 - 17:30

Future directions in CORDEX long term projections, **Filippo Giorgi** (PI-A6-03)

17:30 - 17:40

Best poster awards

17:40 - 18:00

Conclusion of daily sessions

18:00 - 18:30

Conference conclusions





GENERAL CONFERENCE INFORMATION

For detailed information:

<http://cordex2013.wcrp-climate.org/index.shtml>

BADGES

All delegates will be issued with a name badge at registration. This badge will be the official pass to all sessions, coffee breaks and conference related events. All participants and guests are required to wear their name badges at all times while on-site, for safety and security reasons. People are reminded to bring the document containing their individual bar code, which they received via email, to facilitate the registration procedure.

DISCLAIMER

The speakers mentioned in this programme were confirmed at the time of publication (16/10/2013). It is possible that due to unforeseen circumstances some speakers will be replaced or will not be able to participate.

Views expressed during sessions and events featured at the International Conference on Regional Climate - CORDEX 2013 do not necessarily reflect the views of the European Commission. The International Conference on Regional Climate - CORDEX 2013 is broadcast live and recorded for future reference using a variety of means (including web streaming, film and photography).

By agreeing to take part in the International Conference on Regional Climate - CORDEX 2013 and/or its constituent sessions, participants are deemed to have given their consent to be filmed and photographed, and to any subsequent reproduction, public communication and/or broadcast of the material by the European Commission or any other person duly licensed by it.

INDEMNITY

The organising committee will not accept liability for damages of any nature sustained by participants or loss of or damage to their personal property as a result of the conference or related events.

Registration fees do not include insurance of any kind. The conference participants must accept personal responsibility for insurance against travel risk and injury. While the organisers will make every effort to observe best safety practices, the organisers encourage all participants to purchase adequate medical and liability insurance. Participants save and hold harmless the organisers from any and all claims, losses and damages, on account of events beyond their control.

INTERNET FACILITIES

Internet access will be possible in all rooms via a password provided on each day of the conference. Authorised protocols are HTTP and HTTPS.

LIVESTREAMING, SOCIAL MEDIA, Q&A

There will be live streaming of the conference each day. The worldwide community can follow the conference through the webstreaming page on the conference webpage.

Conference participants can ask questions remotely using Twitter and tagging the tweets with #CORDEX2013.

Please indicate to whom you address your questions. During the plenary session the Twitter feed will be monitored and the questions will be formulated on stage when possible.

We share updates about the sessions and activities in Brussels through Twitter - you can follow this activity using the hashtag #CORDEX2013.

LOST AND FOUND

Personal items, especially valuables, should not be left unattended in the conference area at any time. Unattended items will be taken to lost and found, located behind the conference registration counter. All unclaimed items will be turned in to hotel security at the end of each day.

LUNCHES AND BREAKS

Lunches and breaks will be served on the ground floor and on the 2nd floor. Participants are not allowed to bring any food or drinks inside the conference rooms.

MEDIA INFO

All accredited members of the media are invited to attend the conference. For information please contact Mr Salvador Ruiz email Salvador.RUIZ-CARRILLO-DE-ALBORNOZ@ec.europa.eu tel [+32 229-55589](tel:+3222955589).

REGISTRATION

Registration fees include participation in all conference sessions and social events. Guest registration provides access to the conference social events, but does not include admission to sessions or conference materials.

The registration desk, located in the hallway on level 0, will offer the following services: on-site registrations, credit card payments, provision of receipts, badge printing. The registration desk will be open from 08:30-18:00 on the 4 November and from 08:00-18:00 on 5-7 November.

VENUE

European Commission
Charlemagne Building
Rue de la Loi 170 - B-1000 Brussels (Belgium)
Metro station Schuman



SCIENTIFIC SESSIONS INFORMATION

BEST POSTER AWARDS

All early career scientists and students attending the CORDEX Conference and presenting a poster are eligible to be recognized for the outstanding poster award. A distinguished review committee will review and select the best poster for each poster session. Each day, the closing session will feature a Best Poster Award ceremony and the selected posters will be recognized with a WCRP certificate and a book.

MESSAGE BOARD

A message board for communicating with colleagues will be available in the hallway on level 0 next to the registration desk.

ORAL PRESENTATION GUIDELINES

PCs in meeting rooms are configured according to EU standards and are equipped with the Microsoft Office 2010 Suite, VLC Media Player, Internet Explorer, Firefox and Adobe Reader on Windows 7.

POSTER PRESENTATION GUIDELINES

The poster sessions are an important method of scientific communication, as they can efficiently convey messages to a large audience while offering the possibility for in depth explanations and discussions that are not possible during oral sessions.

Posters will be identified with a unique tag. For example "Pa-P1-01" refers to a poster assigned number 01 to poster session P1. Posters numbered 1 to 40 will be on display on the ground floor, whilst posters numbered 41-80 will be on display on the second floor. Each board will display two posters (one on each side). Material to hang posters on the boards will be made available to presenters

Thirty minutes prior to the start of your session, please go to the meeting room in which your presentation is scheduled to take place and identify yourself to the chair of the session. We strongly recommend oral presenters to use the PCs available in the meeting rooms and to upload their presentation well before the start of the session using a USB key. Please ensure that your file (PowerPoint or PDF) is being uploaded correctly and that the slides display properly.

PLENARY SESSION SEATING

The Plenary Sessions A1-A6 will take place simultaneously in rooms GASP, MANS and JENK with presentations being made from the larger GASP and relayed by video projection simultaneously in rooms MANS and JENK.

Tuesday, 5 November	P1 – Regional focus 08:30-18:00 (on display) 14:00-15:30 (authors in attendance)	Posters should be on display as outlined in the above schedule. Poster should be put up at the start of the scheduled display time and taken off at the end of the scheduled display time. Authors should be in attendance during the session and are expected to stand by their poster in order to answer questions.
Wednesday, 6 November	P2 – Methodologies 08:30-15:30 (on display) 14:00-15:30 (authors in attendance) P3 – Regional focus (continued) 15:30-20:00 (on display) 18:00-20:00 (authors in attendance)	
Thursday, 7 November	P4 – Applications 08:30-18:00 (on display) 14:00-15:30 (authors in attendance)	



CONFERENCE ORGANISERS



CO-SPONSORS

Additional financial support for the conference and related activities has been generously provided by the organisations listed below. The European Commission (EU), the Intergovernmental Panel on Climate Change (IPCC) and the World Climate Research Programme (WCRP), its network of scientists and the conference participants are grateful for their contribution.

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