

IPCC Expert Meeting on Assessing Climate Information for the Regions
ICTP, Trieste, Italy, 16-18 May 2018

Programme (10 May 2018)

Tuesday, 15 May 2018

- 11:30-17:00 WGI Bureau meeting (Lundquist Hall, Adriatico Building)
18:00 SSC Meeting (Lundquist Hall, Adriatico Building)
19:30 SSC Dinner

Wednesday, 16 May 2018

08:00-09:00 Meeting Registration (Conference Centre lobby)

09:00-10:00 Opening Plenary Session (Plenary room)

- 09:00-09:10 Welcome, regional assessment in AR6 and introduction to the meeting
Valérie Masson-Delmotte (France) and Hans-Otto Portner (Germany)
Rapporteur: Anna Pirani and Yang Chen (WGI TSU)
- 09:10-09:20 Welcome and introduction to ICTP and the Earth System Physics Group
Filippo Giorgi (Italy)
- 09:20-09:40 The new AR6 WGI and WGII report outlines, opportunities for strengthened integration
An overview, based on AR5, the AR6 scoping, the ongoing Special Reports - 'big picture' introduction that will help guide the ensuing scoping discussion, including issues that underpin the desire for a joint WG-I/WG-II Atlas, a reminder of how the two WG reports will be structured, and the desire to have a clear, traceable connection between the two reports.
Valérie Masson-Delmotte (France) and Hans-Otto Portner (Germany)
- 09:40-09:55 Recommendations from the 2015 IPCC workshop on regional climate projections and their use in impacts and risk analysis studies
Kasper Plattner (Switzerland)

10:00-10:30 Morning Break

Day 1: Assessing climate information, from global to regional changes

10:30-12:30 **Plenary Session 1 (Plenary room)**

Chair: Greg Flato (Canada) and Andreas Fischlin (Switzerland)

Rapporteur: Robin Matthews (WGI TSU) and Elvira Poloczanska (WGII TSU)

- 10:30-10:45 A synthesis past assessments of regional information characteristics to enhance usefulness: shortcomings and opportunities in assessing regional information
Bruce Hewitson (South Africa) and Gemma Narisma (Philippines)
- 10:45-11:00 WGI assessment of regional information and lessons learned
Jens Christensen (Denmark) and Sonia Seneviratne (Switzerland)
- 11:00-11:15 WGII assessment of regional information and lessons learned
Wolfgang Cramer (France)
- 11:15-11:30 WGIII assessment of regional information experience, linkages between CC responses strategies (A+M) and sustainable development at regional scale.
Ashina Shuichi (Japan) and Ramón Pichs Madruga (Cuba)
- 11:30-11:45 Detection and attribution and bridging the assessment across WGI and WGII
Robert Vautard (France) and Gerrit Hansen (Germany)
- 11:45-12:30 Discussion, including organisation of afternoon BOGs
SSC
- 12:30 - 12:40 **Group Photo**
Steps of Leonardo Building

12:40-14:00 Lunch

14:00-17:00 Break Out Group Session 1

14:00-15:30 BOG1.1 - Detection and attribution, its application across Working Groups and across regions
Facilitator: Greg Flato (Canada) and Ramon Pichs Madruga (Cuba)
Rapporteur: TBC
Lecture Room A

14:00-15:30 BOG1.2 - Defining regional and sub-regional areas for consistent treatment by regional chapters and Atlas (models, methods and confidence)
Facilitator: Carolina Vera (Argentina) and Joy Pereira (Malaysia)
Rapporteur TBC
Lecture Room B

14:00-15:30 "BOG1.3 - Alternative approaches to regional information, such as climatic zones, mountain areas, the use of case studies etc.
Facilitator: Andreas Fischlin (Switzerland) and Edvin Aldrian (Indonesia)
Rapporteur TBC
Lecture Room D

15:30-16:00 Afternoon Break

16:00-17:30 Break Out Group Session 1 continued

16:00-17:30 BOG1.1

16:00-17:30 BOG1.2

16:00-17:30 BOG1.3

17:30-18:00 Stocktaking Session 1 (Plenary room)

Debra Roberts (South Africa) and Panmao Zhai (China)

Rapporteur: Yang Chen and Sarah Connors (WGI TSU)

17:30-18:30 Presentations of BOG outcomes (*BOG Rapporteurs*) and discussion

18:30 Adjourn

18:30-19:00 SSC Meeting

19:30-22:30 Welcome Reception

Caffè degli Specchi, Piazza Unità, Trieste

**Day 2: Climate information for the assessment of Sectoral and Regional
Climate Change Impacts and Risks**

09:00-10:30 Plenary Session 2 (Plenary room)

Chair: Carolina Vera (Argentina) and Hans-Otto Portner (Germany)

Rapporteur: Robin Matthews (WGI TSU) and Elvira Poloczanska (WGII TSU)

- 09:00-09:15 Regional climate information needs for assessing impacts and risk
Suraje Dessai (UK) and Marten van Aalst (The Netherlands)
- 09:15-09:30 Regional climate information needs related to climate prediction/projections for impact/risk assessment of different sectors (inc. SSPs)
Paco Doblaz Reyes (Spain) and Brian O'Neill (USA)
- 09:30-09:45 Tailoring regional climate information (including quality, value and availability) for assessing impact and risks of different sectors
Richard Jones (UK) and Jana Sillman (Norway)
- 09:45-10:00 Regional climate information needs for impact modelling (e.g. lessons learned from ISIMIP (The Inter-Sectoral Impact Model Intercomparison Project) and AgMIP (The Agriculture and Model Intercomparison and Improvement Project)
Delphine Deryng (France/Germany)
- 10:00-10:15 Regional climate information needs for risk assessment in hydrology and water resources
Jiang Tong (China)
- 10:15-10:30 Regional climate information needs related to ecological studies
David Schoeman (Australia) and Rebecca Harris (Australia)
- 10:30-10:45 Towards a unified concept of risk, including both hazards associated with climate change and risk-reduction from the climate change response (adaptation and mitigation strategies)
Oswaldo L. L. Moraes (Brazil)
- 10:45-11:00 Discussion, including organisation of afternoon BOGs

11:00-11:30 Morning Break

11:30-17:30 Break Out Group Session 2

- 11:30-13:00 BOG2.1- Information needs for various impact sectors
Facilitator: Carolina Vera (Argentina) and Andreas Fischlin (Switzerland)
Rapporteur TBC
Lecture Room A

11:30-13:00 BOG2.2 - Information quality/uncertainty/availability in different regions and at different scales
Facilitator: Greg Flato (Canada) and Joy Pereira (Malaysia)
Rapporteur TBC
Lecture Room B

11:30-13:00 BOG2.3 - Presentation format and communication issues related to regional climate information
Facilitator: Edvin Aldrian (Indonesia) and Hans-Otto Portner (Germany)
Rapporteur TBC
Lecture Room D

13:00-14:30 Lunch

14:30-17:30 Break Out Group Session 2 continued

14:30-16:00 BOG2.1

14:30-16:00 BOG2.2

14:30-16:00 BOG2.3

16:00-16:30 Afternoon Break

16:30-17:30 Break Out Group Session 2 continued

16:30-17:30 BOG2.1

16:30-17:30 BOG2.2

16:30-17:30 BOG2.3

17:30-18:00 Stocktaking Session 2 (Plenary room)

Chair: Panmao Zhai (China) and Andreas Fischlin (Switzerland)

Rapporteur: Sarah Connors and Wilfran Moufouma-Okia (WGI TSU)

17:30-18:00 Presentations of BOG outcomes (*BOG Rapporteurs*) and discussion

16:30 ICTP Colloquium (Budinich Lecture Hall)

From water molecules to climate, making sense of Greenland and Antarctic ice core records
Valérie Masson-Delmotte

18:00 Adjourn

18:00 Colloquium Light Refreshments (Leonardo Building reception)

18:30-19:00 SSC Meeting

Day 3: Scoping the AR6 Regional Atlas

09:00-10:30 Plenary Session 3 (Plenary room)

Chair: Edvin Aldrian (Indonesia) and Ramon Pichs Madruga (Cuba)

Rapporteur: Robin Matthews and Anna Pirani (WGI TSU)

09:00-09:15 Introduction to scoping the regional Atlas (continued) and Day 3 objectives
WGI-WGII
Valérie Masson-Delmotte (France) and Hans-Otto Portner (Germany)

09:15-09:30 Challenges and opportunities in preparing a regional Atlas: consistency in the provision of regional climate information from multiple methods
Jose Manuel Gutierrez (Spain)

09:30-09:45 Experience in developing and delivering the AR5 IPCC regional Atlas
Geert Jan von Oldenborgh (The Netherlands)

09:45-10:00 The provision of regional climate information: Building on experience from the US National Climate Assessment and the North American Regional Climate Change Assessment Program and North America CORDEX
Linda Mearns (USA)

10:00-10:15 The provision of regional climate information: Building on the development of an Africa climate atlas for sectors and CORDEX Africa
Wilfran Moufouma Okia (France/Congo Brazzaville) and Chris Lennard (South Africa)

10:15-10:30 Discussion, including organisation of afternoon BOGs and the scoping process
Greg Flato (Canada) and Carolina Vera (Argentina)

10:30-11:00 Morning Break

11:00-13:00 Break Out Group Session 3

Parallel BOGs with random allocation of participants for the morning session and asking each to come back with a proposed high-level sketch/outline of the Atlas.

11:00-13:00 BOG3.1
Facilitator: Edvin Aldrian (Indonesia) and Jan Fuglestad (Norway)
Rapporteur: TBC
Lecture Room A

11:00-13:00 BOG3.2
Facilitator: Greg Flato (Canada) and Fatima Driouech (Morocco)
Rapporteur TBC
Lecture Room B

11:00-13:00 BOG3.3
Facilitator: Carolina Vera (Argentina) and Joy Pereira (Malaysia)
Rapporteur TBC
Lecture Room D

Plenary room

13:00-14:00 Lunch

14:00-14:30 SSC Meeting
SSC, BOG Facilitators and Rapporteurs
Lecture Room A

14:30-15:00 Stocktaking Session 3 (Plenary room)
Identify commonalities, propose a concrete structure and task the afternoon BOGs with fleshing out certain aspects of that.
Chair: Greg Flato (Canada) and Carolina Vera (Argentina)
Rapporteur: Sarah Connors (WGI TSU) and Elvira Poloczanska (WGII TSU)

14:30-15:00 Presentations of BOG outcomes (*BOG Rapporteurs*) and discussion

15:00-16:30 Break Out Group Session 3 continued

15:00-16:30 BOG3.1
15:00-16:30 BOG3.2
15:00-16:30 BOG3.3

16:30-17:00 Coffee Break

17:00-17:30 SSC Meeting
SSC, BOG Facilitators and Rapporteurs
Lecture Room A

17:30-18:30 Plenary Session 4: Scoping Outcomes (Plenary room)
Chair: Panmao Zhai (China) and Debra Roberts (South Africa)
Rapporteur: Wilfran Moufouma-Okia and Yang Chen (WGI TSU)

17:30-18:30 Discussion of final scoping outcomes and next steps: the AR6 assessment of climate information for regions

18:30 Adjourn, close of meeting