

## IPCC WGI/WGII Expert Meeting on Detection and Attribution Related to Anthropogenic Climate Change

World Meteorological Organization, Geneva, Switzerland  
14-16 September 2009

### PROGRAMME

#### Monday, 14 September 2009

<b>08:00</b>	<b>Registration (Salle B Foyer)</b>
<b>09:00</b>	<b>Welcome Address (Michel Jarraud, Secretary-General, WMO) (Salle B)</b>
<b>09:10</b>	<b>Introduction/Background (Barros/Field/Qin/Stocker)</b>
<b>PLENARY SESSION I: The Scientific Background of Detection and Attribution (Chair: Dahe Qin)</b>	
<b>09:30</b>	<b>Keynote Presentation: <i>Towards Detection and Attribution of Impact-Relevant Climate Change: The WG1 Perspective</i> (Gabriele Hegerl) [20 min presentation + 10 min discussion]</b>
<b>10:00</b>	<b>Keynote Presentation: <i>Detection and Attribution of Climate Change Impacts: A Perspective from WG2</i> (Christopher Field) [20 min presentation + 10 min discussion]</b>
<b>10:30</b>	<b>General Discussion</b>
<b>10:45</b>	<b>Break (Salle B Foyer)</b>
<b>PLENARY SESSION II: Specific Topics in Detection and Attribution (Chair: Vicente Barros)</b>	
<b>11:15</b>	<b><i>Detection and Attribution Related to Anthropogenic Climate Change in the Atmosphere from a Global Perspective</i> (Peter Stott) [10 min presentation + 10 min discussion]</b>
<b>11:35</b>	<b><i>Detection and Attribution of Anthropogenic Climate Change in the World's Oceans</i> (David Pierce) [10 min presentation + 10 min discussion]</b>
<b>11:55</b>	<b><i>Detection and Attribution Related to Anthropogenic Climate Change in the Cryosphere from a Global Perspective</i> (Wilfried Haeberli) [10 min presentation + 10 min discussion]</b>
<b>12:15</b>	<b><i>Human-Modified Temperatures Induce Species Change</i> (Terry Root) [10 min presentation + 10 min discussion]</b>
<b>12:35</b>	<b>General Discussion</b>
<b>13:00</b>	<b>Lunch (WMO Cafeteria)</b>

Programme

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**14:00 Introduction of Break-Out Groups and Good Practice Guidance Paper (Stocker and Field) (Salle B)**

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**BREAK-OUT GROUPS – Part A**

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**BOG1: Extremes [Chair: Fredolin Tangang; Rapporteur: Sari Kovats] (Room 7 Jura)**

**14:20 BOG2: Global Scale [Chair: José Moreno; Rapporteur: Camille Parmesan] (Room 8 Jura)**

**BOG3: Regional Scale [Chair: Serge Planton; Rapporteur: Gino Casassa] (Salle B)**

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**16:00 Break (Salle B Foyer)**

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**16:30 Reports from Part A Break-Out Groups (BOG Chairs) (Salle B)**

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**PANEL SESSION**

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**16:50 A Unified Framework for Detection and Attribution in AR5? [Panelists: Myles Allen, Cynthia Rosenzweig, Stephen Schneider, Hans von Storch; Chair: David Wratt] (Salle B)**

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**18:20 Adjourn**

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**18:30 Welcome Reception: WMO Cafeteria Reception Area**

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**Tuesday, 15 September 2009**

**08:30 Summary Day 1; Introduction Day 2 (Kristie Ebi and Pauline Midgley) (Salle B)**

**PLENARY SESSION III: Specific Topics in Detection and Attribution (Chair: Christopher Field)**

**08:40** *The Contribution of Climate and CO<sub>2</sub> Changes to the Observed Increase in Vegetation Productivity Over the Past Three Decades* (Shilong Piao) [10 min presentation + 10 min discussion]

**09:00** *Detection and Attribution of Anthropogenic Climate Change and Ocean Acidification: Impacts on Marine Ecosystems from a Global Perspective* (Ove Hoegh-Guldberg) 10 min presentation + 10 min discussion]

**09:20** *Detection and Attribution of Changes in Tropical Cyclones from a Global Perspective* (Thomas Knutson) [10 min presentation + 10 min discussion]

**09:40** *Detection and Attribution Related to Anthropogenic Climate Change: Facilitating Information Exchange* (David Karoly) [10 min presentation + 10 min discussion]

**10:00 General Discussion**

**10:45 Break**

**BREAK-OUT GROUPS – Part A Continued**

**BOG1: Extremes** [Chair: Fredolin Tangang; Rapporteur: Sari Kovats] (*Room 7 Jura*)

**11:15 BOG2: Global Scale** [Chair: José Moreno; Rapporteur: Camille Parmesan] (*Room 8 Jura*)

**BOG3: Regional Scale** [Chair: Serge Planton; Rapporteur: Gino Casassa] (*Salle B*)

**13:00 Lunch** (*WMO Cafeteria*)

**14:00 Reports from Part A Break-Out Groups (BOG Chairs)** (*Salle B*)

**14:30 Forming of Part B BOGs** (Barros/Field/Qin/Stocker)

**BREAK-OUT GROUPS – Part B**

**BOG1: Methods and Definitions** [Chair: Francis Zwiers; Rapporteur: Dáithí Stone] (*Room 7 Jura*)

**14:40 BOG2: Data and other Requirements** [Chair: Matilde Rusticucci; Rapporteur: Guy Midgley] (*Room 8 Jura*)

**BOG3: Forcing Factors and Confounding Influences** [Chair: Linda Mearns; Rapporteur: Phil Jones] (*Salle B*)

**16:00 Break**

**BREAK-OUT GROUPS – Part B Continued**

**BOG1: Methods and Definitions** [Chair: Francis Zwiers; Rapporteur: Dáithí Stone] (*Room 7 Jura*)

**16:30 BOG2: Data and other Requirements** [Chair: Matilde Rusticucci; Rapporteur: Guy Midgley] (*Room 8 Jura*)

**BOG3: Forcing Factors and Confounding Influences** [Chair: Linda Mearns; Rapporteur: Phil Jones] (*Salle B*)

**18:00 Reports from Part B Break-Out Groups (BOG Chairs)** (*Salle B*)

**18:30 Adjourn**

**Wednesday, 16 September 2009**

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**08:30 Summary Day 2; Introduction Day 3 (Gian-Kasper Plattner) (Salle B)**

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**BREAK-OUT GROUPS: Drafting of Bullets/Outline for Good Practice Guidance Paper**

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**BOG1: Methods and Definitions [Chair: Francis Zwiers; Rapporteur: Dáithí Stone]  
(Room 7 Jura)**

**08:40 BOG2: Data and other Requirements [Chair: Matilde Rusticucci; Rapporteur: Guy Midgley]  
(Room 8 Jura)**

**BOG3: Forcing Factors and Confounding Influences [Chair: Linda Mearns; Rapporteur: Phil Jones]  
(Salle B)**

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**10:00 Reports from Part B Break-Out Groups (BOG Chairs) (Salle B)**

**10:30 Break**

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**SESSION IV: Good Practice Guidance Paper (Chair: Thomas Stocker)**

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**11:00 Plenary Approval of Executive Summary of Guidance Paper**

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**12:45 Closing Remarks and Next Steps (Barros/Field/Qin/Stocker)**

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**13:00 End of Meeting**

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