

# **First International Meeting on Attribution of Climate Events**

**NCAR, Boulder, CO, 26 January 2009  
Mesa Lab., Damon Room**

## **Agenda**

### **Meeting objectives:**

- 1) Develop a conceptual framework for attribution activities to be elevated in priority and visibility, leading to substantial increases in resources (funds, people, computer) and both a research activity and a framework for an "operational" activity, that sets forth a goal of providing a lot more concrete information in near real time about what has happened and why in weather and climate.
- 2) Begin to develop a document: perhaps based on Peter Stott's BAMS article, to a point where we can publish these ideas and promote them. BAMS is a good objective.

The latter serves several purposes. It raises the profile and sets out a framework for future activities that can be carried forward, for instance in the WCRP, and also sets out the relative roles of research organizations such as NCAR, and more operational entities, including parts of the Hadley Center and NOAA. In other words, it also sets forth a basis for future interactions and for funders and others to garner funds to support the collaborations.

### **Sponsorship**

This meeting is sponsored by the U.K. Science and Innovation Network of the UK Foreign and Commonwealth Office (FCO) and NCAR and organized in collaboration with NOAA and the Hadley Center. Special thanks to DECC (UK Dept. of Energy and Climate Change) and the team at the British Consulate-General in Houston and Her Majesty's Consul-General in Denver.

### **Sunday, 25 January 2009**

1900: Dinner at Trattoria on Pearl at 1430 Pearl, Boulder

(<http://www.trattoriaonpearl.com/>)

Hosted by Kevin Lynch, British-Consul General, Denver (who will say a few words).

## **Monday, 26 January 2009**

The UCAR/NCAR shuttle will be in front of the Boulderado at 8:00 AM to bring you to the NCAR Mesa Lab and will also be available at the end of the meeting at 6:00 PM to return you to the Boulderado.

**0830 Assemble** (light breakfast items will be available)

### **0850 Session 1: Opening of meeting**

- 1.1 Welcome and logistics (Trenberth, Butler ) (5 mins)  
(Organize group dinner; Monday)
- 1.2 Opening remarks by Eric Barron (Director, NCAR) (5 mins)
- 1.3 Opening remarks by May Akrawi (Consul, Science & Innovation, Houston) (5 mins)
- 1.4 Introductions: around the room (5 mins)
- 1.5 Purpose of the meeting and adoption of the agenda (Trenberth) (5 mins)

### **0915 Session 2: Overall viewpoints of major groups**

- 2.1 [Hadley Centre, Peter Stott](#) (25 mins)
- 2.2 [Oxford, Myles Allen](#) (25 mins)
- 2.3 [NOAA, Marty Hoerling](#) (25 mins)

### **1030 – 1100 Break**

- 2.4 [NCAR, Kevin Trenberth](#) (25 mins)
- 2.5 IDAG summary of relevant aspects (10 mins)
- 2.6 Discussion (25 mins)

**1200 – 1300 Buffett Lunch** (provided in the NCAR Damon room)

### **1300 Session 3: Brief science reports** (10 mins each plus up to 5 mins discussion)

- 3.1 Hurrell: [Regional decadal climate prediction at NCAR](#)
- 3.2 Vecchi: [Moving towards attributing seasonal hurricane activity changes](#)
- 3.3 Branstator: [Climate and weather attribution using the fluctuation-dissipation operators](#)
- 3.4 Easterling: [Is the climate warming or cooling?](#)
- 3.5 Kumar: [Attribution activities at the Climate Prediction Center](#)
- 3.6 Deser: [Attribution of atmospheric circulation trends: an AGCM approach](#)
- 3.7 Karoly: [The atypical La Niña of 2007-08 and impact of rainfall in southeast Australia](#)
- 3.8 Meehl: [Attributing extremes to human activity](#)
- 3.9 Tett: [Thoughts on event attribution](#)
- 3.10 Stone: South African plans for operational attribution

### **1530 – 1600 Break**

### **1600 Session 4: Development of a unified view: BAMS article**

- 4.1 Discussion on future directions (Stott) (20 mins)
- 4.2 Input from others (IDAG): Phil Jones, Francis Zwiers, Gabi Hegerl (5 mins)
- 4.3 [WCRP, IPCC \(Trenberth\)](#) (15 mins)
- 4.4 Institutional roles (10 mins)
- 4.5 Funding: DECC (Sear) (10 mins)
- 4.6 Discussion (15 mins)

### **1715 Session 5: Future actions**

- 5.1 Writing assignments

### **1800 Close of workshop**

Thanks to Lisa

### **1900 Workshop dinner**

L'Atelier, 1739 Pearl Street, Boulder {<http://www.latelierboulder.com>}

Hosted by May Akrawi, Consul, S&I, British Consulate-General, Houston