



World Meteorological Organization
Organisation météorologique mondiale

Secrétariat

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Weather • Climate • Water
Temps • Climat • Eau

Our ref.: RES/ARE/WWR

GENEVA, 28 January 2014

Annexes: 2 (available in English only)

Dear Sir/Madam,

I am pleased to announce that the first World Weather Open Science Conference (WWOSC-2014 - The weather: what's the outlook?) will be held in Montréal, Canada, from 16 to 21 August 2014 (see <http://wwosc2014.com/> and Annex I), co-sponsored by the World Meteorological Organization, the International Council for Sciences, Environment Canada and the National Research Council Canada.

The overarching theme of WWOSC-2014 is 'Seamless Prediction of the Earth System: from minutes to months'. The Conference will be structured around two programmes:

- The Science Programme which will cover basic weather research that extends our knowledge of processes and systems as well as the applied research needed to put prediction systems together and assess the impacts of weather and climate events;
- The User, Application & Social Science Programme which will consider the goods and services economy and the role of government in disaster risk reduction and management and the communication of weather information.

I would like to request your support in promoting this event and ensuring its success. There are four specific areas where you could provide assistance:

1. Promotion of abstract submission to the Conference, the due date of which is **24 February 2014**;
2. Promotion of young scientists' participation to the Conference using the travel support programme (up to 2,000 Canadian Dollars) for the Conference, at <http://wwosc2014.org/travel-e.shtml>;
3. Promotion of the event with your staff and relevant organizations in your country using the text provided in Annex II;

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO (PR-6741)

cc: President and vice-president of CAS (for information)

4. Ongoing support in communicating the latest news regarding the event in future newsletters, event calendar, re-tweet of posting at <https://twitter.com/search?q=%23wwosc2014&src=hash>.

A list of more detailed topics, keynote speakers and conveners is available at: http://wwosc2014.org/side_program/scientific_topics/topics-e.shtml.

I thank you in advance for your help in promoting this very important event.

Yours faithfully,

A handwritten signature in dark ink, consisting of a stylized 'J' followed by a long, sweeping horizontal line that extends to the right.

(J. Lengoasa)
for the Secretary-General



WWOSC 2014
MONTREAL, CANADA

Plenary speakers to include:

- **Philippe Bougeault** on state-of-the-art mesoscale numerical weather prediction and regional applications with some background on Polar Prediction and High Impact Weather projects and other World Weather Research Programme Research Demonstration Projects
- **Rowan Douglas** on the complementary roles of insurance and weather information in managing risk
- **Eve Grunfest** on integrating knowledge across multiple disciplines to solve problems at the intersection of weather and society
- **Haidong Kan** on the impacts of air quality, weather, and climate on human health
- **Al Kellie** on the past, present and future of High Performance Computing and its applications in weather prediction
- **Emma E. Porio** on science-based knowledge and coping with impacts of weather-related disasters in Asian megacities
- **Mel Shapiro** on the future scientific challenges of Earth-system prediction aligned with the 2010 Bulletin of the American Meteorological Society compendium of vision papers
- **Julia Slingo** on the seamless prediction problem, including bridging global numerical weather prediction and climate prediction through sub-seasonal to seasonal prediction
- **Jean-Noël Thépault** on the actual status and future challenges of data assimilation and observing systems (global and regional)
- **Alan Thorpe** on global numerical weather prediction with an historical perspective and future directions
- **Alberto Troccoli** on weather and climate-related applications for the energy sector



WWOSC 2014
MONTREAL, CANADA



WWOSC 2014
MONTREAL, CANADA

World Weather Open Science Conference (WWOSC 2014)

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THE WORLD WEATHER OPEN SCIENCE CONFERENCE

16-21 AUGUST 2014
MONTREAL, CANADA

Co-organized by:



WMO OMM



ICSU



Government
of Canada

Environnement
Canada

National Research
Council Canada

Gouvernement
du Canada

Environnement
Canada

Conseil national
de recherches Canada

wwosc2014.org



WWOSC 2014
MONTREAL, CANADA

World Weather Open Science Conference

The first ever World Weather Open Science Conference (WWOSC 2014 – The weather: What's the outlook?) will be held in the Palais de Congrès in Montréal, Canada, from 16 to 21 August 2014.

Conference Theme

The overarching theme is 'Seamless Prediction of the Earth System: from minutes to months'. The Conference has two programs, joined through combined plenary and special sessions:

- The Science Program will cover basic weather research that extends our knowledge of processes and systems as well as the applied research needed to put prediction systems together and assess the impacts of weather and climate events.
- The User, Application & Social Science Program will consider the challenges and opportunities associated with communicating and utilizing weather information, science, and services for social and economic benefit.

This important gathering will examine the frontiers of knowledge, define new scientific goals and challenges, and explore improved ways of applying our understanding for the betterment of society.

Not just "Another Conference"

WWOSC 2014 promises to be a landmark event that assembles, for the first time, the international weather science, technology, forecasting, service, and weather-sensitive stakeholder communities. An important emphasis will be on building the next generation of scientists and practitioners—accordingly, a generous WMO funded travel support program for young participants, with priority to developing country attendees, has also been established.

Summer in Montreal

Spring may be synonymous with Paris, however, Montréal is the place to be during the boreal summer—experience a beautiful, clean, accessible and safe cosmopolitan city with incredible outdoor cafés, parks and recreation amenities, entertainment venues, and cultural events. Montréal is also the home of world-renowned expertise in the atmospheric sciences at the Canadian Meteorological Centre, the Quebec Storm Prediction Centre, McGill University and l'Université du Québec à Montréal. The Palais des Congrès has an excellent reputation in hosting international scientific meetings.

Get involved and join us at WWOSC 2014

- **Submit an abstract** and contribute to a paper, panel or poster session (act fast as deadline is February 24th)
- **Register for the conference** early and take advantage of reduced rates (regular rates begin May 22nd)
- **Reserve an exhibit booth** or sponsor a session to share your products, ideas, and interests with the hundreds of delegates expected to attend.
- **Book your accommodations** with one of the 7+ preferred hotels and make plans to enjoy all that is Montréal (preferred rates end July 7th)
- **Obtain more information** by contacting the organizers or joining the "Expression of interest" distribution list at wwosc2014.org

Benefits of Participating

The time is right for a major Open Science Conference to examine the rapidly changing scientific and socio-economic drivers of weather science, applications, and their benefit to society. By attending and participating in some of the 50-plus interactive paper, panel, and poster sessions, conference participants will have access to:

- **The latest weather science** covering fundamental processes at all scales of observation and prediction—from nowcasting to seasonal—and methods to verify, apply and communicate this knowledge using the latest technology.
- **Networking opportunities** with a diverse delegation of scientific experts, young scientists, practitioners, and decision-makers representing a broad range of weather-sensitive sectors and over 50 developing and developed nations.
- **Provocative, inspiring and knowledgeable plenary** and keynote speakers in sessions designed to engage participants in dialogue about the future of weather science and its role in society.
- **Special sessions** on timely topics such as prediction in polar regions and recent extreme weather events and their impact on society.
- **Exciting and interactive exhibits** where one can discover new business and professional applications, opportunities, and contacts.

wwosc2014.org

WORLD METEOROLOGICAL ORGANIZATION
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RES/ARE/WWR, ANNEX II

INVITATION TO ATTEND THE WORLD WEATHER OPEN SCIENCE CONFERENCE

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The overarching theme of WWOSC-2014 is "Seamless Prediction of the Earth System: from minutes to months". The Conference is structured around two programmes:

- **The Science Programme** which will cover basic weather research that extends our knowledge of processes and systems as well as applied research needed to put prediction systems together and assess the impacts of weather and climate events;
- **The User, Application & Social Science Programme** which will consider the goods and services economy and the role of government in disaster risk reduction and management and the communication of weather information.

Please join us at WWOSC-2014 in Montréal to contribute to what promises to be a once in a generation event.

For more information please visit the website: <http://wwosc2014.org>
