



World Meteorological Organization  
Organisation météorologique mondiale

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Weather • Climate • Water  
Temps • Climat • Eau

جنيف، 28 كانون الثاني/يناير 2014

الرسالة رقم: RES/ARE/WWR

عدد المرفقات: 2 (متوافران بالإنكليزية فقط)

تحية طيبة وبعد،

يسرني أن أعلن أن المؤتمر العلمي العالمي المفتوح الأول للطقس (WWOSC-2014 – الطقس: ما هي التوقعات؟) سيعقد في مونتريال، كندا، في الفترة من 16 إلى 21 آب/أغسطس 2014 (<http://wwosc2014.com/>) والمرفق الأول)، برعاية مشتركة بين المنظمة العالمية للأرصاد الجوية والمجلس الدولي للعلوم ووزارة البيئة الكندية والمجلس الوطني للبحوث بكندا.

والموضوع الرئيسي للمؤتمر (WWOSC-2014) هو 'التنبؤ المتواصل بنظام الأرض: من دقائق إلى شهور'. وينصب تركيز المؤتمر على برنامجين، هما:

- البرنامج العلمي الذي سيغطي بحوث الطقس الأساسية التي توسع نطاق معارفنا بالعمليات والنظم وكذلك بالبحوث التطبيقية اللازمة لجمع نظم التنبؤ معاً وتقييم تأثيرات ظواهر الطقس والمناخ؛
- برنامج المستخدم والتطبيقات والعلوم الاجتماعية الذي سينظر في اقتصاد السلع والخدمات ودور الحكومات في الحد من أخطار الكوارث وإدارتها والتبليغ بمعلومات الطقس.

هذا، وأود أن أطلب منكم الدعم بالترويج لهذا المؤتمر والعمل على نجاحه، إذ ثمة أربعة مجالات محددة يمكنكم تقديم المساعدة بشأنها:

- 1- التشجيع على تقديم الملخصات للمؤتمر، والتاريخ المقرر للتقديم هو 24 شباط/فبراير 2014؛
- 2- دعم مشاركة العلميين من الشباب في المؤتمر باستخدام برنامج دعم السفر (ما يصل إلى 2 000 دولار كندي) للمؤتمر، على الوصلة <http://wwosc2014.org/travel-e.shtml>؛

إلى: الممثلين الدائمين لأعضاء المنظمة (أو مديري مرافق الأرصاد الجوية أو الأرصاد الجوية الهيدرولوجية التابعة لأعضاء المنظمة) (PR-6741)

صورة إلى: رئيس ونائب رئيس لجنة علوم الغلاف الجوي (CAS) (العلم)

3- الترويج لهذا المؤتمر لدى موظفيكم والمنظمات ذات الصلة في بلدكم باستخدام النص الوارد في المرفق الثاني؛

4- تقديم الدعم بشكل متواصل من خلال الإبلاغ بأخر المستجدات بشأن المؤتمر في الرسائل الإخبارية المقبلة وجدول الاجتماعات وإعادة نشر التغريدات على الوصلة التالية:  
<https://twitter.com/search?q=%23wwosc2014&src=hash>

ويرد على الوصلة التالية مزيد من التفاصيل بشأن المواضيع والمتحدثين الرئيسيين والداعين للمؤتمر:  
[http://wwosc2014.org/side\\_program/scientific\\_topics/topics-e.shtml](http://wwosc2014.org/side_program/scientific_topics/topics-e.shtml)

وأشكركم مقدماً على ما ستقدموه من مساعدة لدعم هذا الحدث الهام للغاية.

وتفضلوا بقبول فائق الاحترام،

(ج. لنغواسا)  
عن الأمين العام





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



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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](http://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](http://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](http://wwosc2014.org)

WORLD METEOROLOGICAL ORGANIZATION  
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RES/ARE/WWR, ANNEX II

INVITATION TO ATTEND THE WORLD WEATHER OPEN SCIENCE CONFERENCE

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.

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>

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