

# INFORMATION E-MAIL FROM THE IAMAS BUREAU



February 2018

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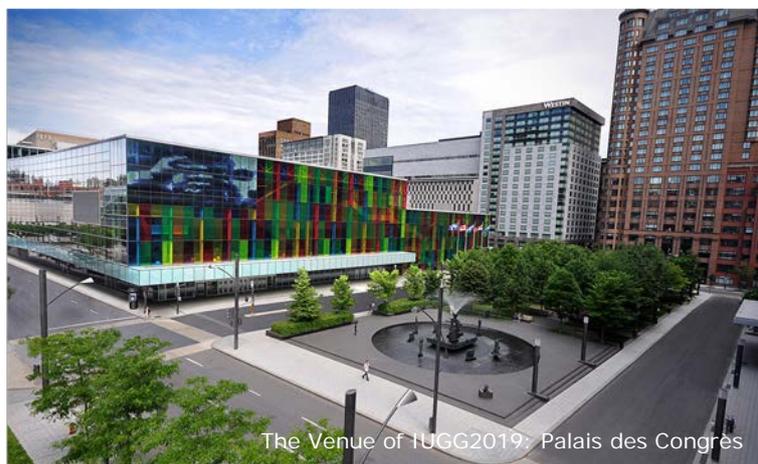
## *The XXVII IUGG General Assembly (IUGG2019) in Montreal, Canada*

IUGG 2019 will take place over 8-19 July 2019 in the Palais des Congrès in Montreal, Canada.

The tentative draft of the science program was discussed including topics of Union and inter-Association symposia in the Scientific Program Committee (SPC) meeting in September 2017. The next SPC will be held on 8 April 2018 during EGU.

The important dates for SPC activities are as follows:

<u>Date</u>	<u>Subject</u>
08 APR 2018	: Conveners/Co-conveners confirmed by Association SGs
15 AUG 2018	: Symposia Descriptions Proposals finalized and posted -Names of Union Symposia Speakers announced
30 SEP 2018	: Symposia Organization by Conveners/Co-conveners Ready for Posting
01 OCT 2018	: Online Registration and Abstract Submission Open Online Accommodation Reservations Open Travel Grant Applications Open
16 FEB 2019	: Closing of Abstract Submission Closing of Grant Application Submission
26 MAR 2019	: Closing of Early-bird Registration
30 MAR 2019	: Abstract Acceptance sent to Participants
12 APR 2019	: Final Adjustment of Program
31 MAY 2019	: Complete Scientific Program and Guidelines for Presenters Published



The Venue of IUGG2019: Palais des Congrès



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# *IAMAS-IAPSO-IACS 2021 Joint Assembly (MOCA-21) in Busan, Korea*



Gwangan bridge in Busan, Korea

The IAMAS 2021 Assembly will be held in Busan, Korea during 18-23 July 2021, jointly with IAPSO and IACS Assemblies (IAMAS-IAPSO-IACS 2021; MOCA-21) -- [www.moca-21.org](http://www.moca-21.org). Busan is the Korea's second largest city located on the southeastern coast of the Korean peninsula, and is well known as a vibrant metropolis where contemporary lifestyle meets traditional hospitality. It is also a hub of renowned research centers for the atmosphere and ocean such as the Korea Institute of Ocean Science & Technology, the APEC Climate Center, and the IBS Center for Climate Physics.

Korea is strongly interested in investing and conducting research in Earth and Environmental Sciences, as exemplified in recent deployment of the geostationary satellite (COMS) and now expecting an ocean color GOCI and environmental GEMS satellite and a second meteorological geostationary satellite, and planned polar meteorological satellite. However, IUGG-related activities in Korea have been quiet, although the IUGG national committee of Republic of Korea was established in 1960 and has been a member since then. MOCA-21 in Busan will surely help us to build up the momentum which can lead us to more international-level activities associated with IUGG. Especially, hosting MOCA-21 Joint Assembly will lead to active involvement of young scientists in the international programs in the future. Of course, it will surely be a meaningful platform where international experts and stakeholders can share up-to-the-minute research results, insights, and opinions related to the global crisis of climate change,

environmental pollution, and problems affecting the ocean and polar regions.

In particular, the Korean Meteorological Society (KMS), the hosting body of IAMAS 2021, welcomes MOCA-21 in Busan, Korea. The KMS is a non-profit organization consisting of researchers in academia, government workers, and meteorologists in the private sector as members, and the current membership is about 2,700. We are very proud of active involvements of our members in various national and international projects conducting research into weather, climate, and air pollution related subjects. We also encourage the members to actively engage in worldwide activities in science promoting organizations. We hope that IAMAS 2021 in Busan will boost the level of our standards of international activities and collaboration.

We are sure that the MOCA 2021 in Busan will be successful and will bring us many wonderful moments.

B.J. Sohn



Busan City

## *IUGG-SPARC-EGU training school on Stratosphere-Troposphere Interactions*

Following the IAPSO-IAMAS-IAGA Scientific Assembly in Cape Town, a training school on Stratosphere-Troposphere Interactions was held from 2-5 September 2017 at the University of Cape Town. The training school organisers would like to express their deep gratitude to all the sponsors: the training school was initiated by funding provided by the International Union for Geophysics and Geodesy (IUGG) Grants Programme and its realization was made possible by crucial additional funding from the Stratosphere-troposphere Processes And their Role in Climate (SPARC) project of the World Climate Research Programme (WCRP), the European Geophysical Union (EGU), and the Applied Centre for Climate & Earth Systems Science (ACCESS). Data storage for all participants was kindly made available by CSIC (Spain). We would like also to express our deep thanks to the lecturers, who volunteered their time and funds to spend four days with an enthusiastic group of 22 early career researchers from across the world, as well as to the Department of Environmental and Geographical Sciences at the University of Cape Town, who kindly hosted the school.

The school comprised three days of lectures and exercises, with the fourth day being dedicated to small projects that the students worked on over the course of the school. The lectures covered a broad range of topics with a focus on stratosphere-troposphere interactions. The school started with a lecture on mid-latitude meteorology by Nili Harnik, followed by a lecture on tropical dynamics by Joan Alexander. A surprise guest lecture by Ted Shepherd on the psychology of climate science was held on the evening of the first day, before

a small ice-breaker event also hosted at the University of Cape Town. The lectures on the second day dealt with stratospheric dynamics and chemistry, by Thando Ndarana and Michaela Hegglin, respectively. The topic of stratosphere-troposphere interactions was covered on the third day, with lectures on solar variability impacts by Katja Matthes and stratosphere-troposphere coupling mechanisms by Mark Baldwin.

To facilitate active participation, the students worked on mini-projects throughout the training school, which were presented in plenary on the afternoon of the last day of the school. The students were highly engaged and presented some excellent work on a variety of topics, despite the limited time available. The mini-projects covered topics ranging from the role of the Southern Annular Mode on Cape Town weather to the impact on tracer transport of the 2016 disruption of the quasi-biennial oscillation. The mini-projects were further developed after the training school into short documents, which are now available on the SPARC website.

[www.sparc-climate.org/meetings/training-school-on-stratosphere-troposphere-interactions](http://www.sparc-climate.org/meetings/training-school-on-stratosphere-troposphere-interactions)

Overall, the training school was very successful, with all participants having a lot of fun while learning about a topic that is not yet taught in South African universities. Feedback from the group was extremely positive and it is our hope that we will be able to organise a similar training school soon!

Elisa Manzini, Fiona Tummon, and Bernd Funke



## UNI-MET a new grouping of Italian Associations

Italian Meteorology suffered for many years from two major problems: lack of a NHMS (National Hydrological and Meteorological Service) and excessive fragmentation in many Institutional and private organizations. Also at Association level the Italian fragmentation was very high reflecting a "peculiar soul" of the Italian people resulting maybe it is a country that for centuries was a constellation of many little states.

Today meteorology needs, more and more, to follow common standards and be compact to face better: poor availability of funds and have authority from public institutions, decision maker and also from ordinary people. As an example, an Italian researcher that would like to know the annual precipitation distribution in Italy need to collect data from more than 10-15 different sources belonging to many different organizations.

If, at Institutional level, the situation is blocked from more than 3 decades (even if recently in the Stability law of 2018 is planned a new National Agency named "ItaliaMeteo" that would be reorganized the Italian Meteorology) at Association level a group of 10 local Meteorological Associations tries to collaborate together around at a table named UNI-MET.

In this manner, each Association preserves its own identity, but can speak at the National level with a single voice. UNI-MET has been active since 2016, they meet together once a year. Constant connection is everyday guaranteed thanks to a mailing-list and a system of chat-line that allow every member to be in contact with each other (event though hundreds of kilometers away) creating a web of contacts (about 700 fellows).

Little projects are running, such as the printing of one "Historical Calendar of Italian Meteorological Events" where every Associations will participate remembering

the important: Snowfalls, Tornadoes, Floods, etc. happened on their areas.

UNI-MET constantly works to bring together other Italian Meteorological Associations to become stronger and a more important voice in the Italian Meteorological landscape.

More info: [www.uni-met.it](http://www.uni-met.it)

Massimo E. Ferrario

10 local Meteorological Associations in Italy



## IUGG Support of Scientific Meetings 2018



IUGG E-Journal in December 2017 announced that IUGG allocated US\$20,000 to assist scientific meetings in 2018 supporting the participation of young scientists and scientists from developing countries. In 2018, IUGG will support 17 scientific meetings including the following 5 events which were applied for by IAMAS.

We hope that these events will be completed successfully and the reports will be shared in IAMAS Info-Email.

4th ANtartic Gravity Wave Instruments Network (ANGWIN) workshop"  
São José dos Campos SP, Brazil  
24-26 April 2018



"2018 GEWEX Science Conference "Extremes and Water on the Ede"  
Canmore, AB, Canada  
6-11 May 2018



"10th workshop on 'Long-Term Changes and Trends in the Atmosphere'"  
Hefei, Anhui, China  
14-18 May 2018



"ISARRA 2018 (International Society for Atmospheric Research using Remotely piloted Aircraft)"  
Boulder, CO, USA  
9-12 July 2018



"2018 joint 14th iCACGP Quadrennial Symposium/15th IGAC Science Conference"  
Takamatsu, Kagawa, Japan,  
25-29 September 2018



## Awards ~2017 AGU Fellow~

We are delighted to announce that Prof. Teruyuki Nakajima, Secretary General of IAMAS, was elected a 2017 Fellow by the American Geophysical Union (AGU).

He was recognized for his achievements in atmospheric radiation science and climate change research.

The AGU is a not-for-profit professional society of Earth and space scientists with more than 60,000 members from approx. 140 countries. AGU is dedicated to the advancement of the geophysical sciences through the individual efforts of its members and in cooperation with

other national and international scientific organizations. Since the AGU Fellows program was established in 1962, and according to the organization's bylaws, no more than 0.01 percent of the total membership of AGU is recognized annually. 2017 Fellows are geographically diverse coming from 10 countries.

The 2017 Fellows including Prof. Nakajima were recognized during the Honors Tribute on Wednesday, 13 December, held at the 2017 AGU Fall Meeting in New Orleans.

## Special issue of *Advances in Atmospheric Sciences* to highlight the impacts of changes in Arctic

There's still controversy in climate change research over the extra-polar impacts of recent Arctic changes and also how the evidence is gathered and used to inform predictions. To help bring convergence to the field and potentially accelerate action, a special issue of the *Advances in Atmospheric Sciences* is highlighting recent scientific work.

(<https://link.springer.com/journal/376/35/1>).

Titled, "Towards improving understanding and prediction of Arctic change and its linkage with Eurasian mid-latitude weather and climate", the special issue

focuses on understanding how changes in the Arctic influence the mid-latitude regions of the globe.

One of the guest editors, Andrew Orr, is at the British Arctic Survey, and a member of the International Commission on Polar Meteorology of the International Association of Meteorology and Atmospheric Sciences. ICPM/IAMAS' contribution to polar research and this special issue is acknowledged in the preface.



Jenny Lin

## Upcoming IAMAS-related meetings

◇ 3-6 April, 2018

Aerosols, Clouds, Precipitation and Climate (ACPC) workshop (ICCP)

Colorado, U.S.A.

Web: <http://acpcinitiative.org/Meetings.html>

◇ 24-26 April, 2018

ANtartic Gravity Wave Instruments Network (ANGWIN) 4rd workshop (ICMA)

Sao Paulo, Brasil

Web: <http://www.inpe.br/angwin/>

◇ 6-11 May, 2018

THE 2018 GEWEX SCIENCE CONFERENCE: Extremes and Water on the Edge (ICDM)

Alberta, Canada

Web: [www.gewexevents.org/events/2018conference](http://www.gewexevents.org/events/2018conference)

◇ 14-19 May, 2018

The 10th workshop on "Long-Term Changes and Trends in the Atmosphere" (ICMA)

Anhui, China

Web: <http://trends2018.ustc.edu.cn/home.html>

◇ 21-25 May 2018

Summer School on the Polar Climate System Hohai University, Nanjing, China

Web: <http://202.119.112.75/s/2159/t/2672/a/172397/info.jspy>

◇ 15-26 June 2018

POLAR2018. Where the poles come together. A SCAR & IASC Conference

Davos, Switzerland

Web: <http://www.polar2018.org/>

◇ 17-22 June 2018

The 16th ICAE conference (ICAE2018)

Nara, Japan

Web: <http://icae2018.saej.jp/>



### The IAMAS INFORMATION E-MAIL



**We welcome short reports from the Commissions at any time.**

IAMAS, General Secretariat

Assistant: Yoshi Sasaki, Nozomi Tomizawa, Miyuki Miyazaki

[IAMAS\\_SG\\_office@jaxa.jp](mailto:IAMAS_SG_office@jaxa.jp)

