

INFORMATION E-MAIL FROM THE IAMAS BUREAU

June, 2014

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a) IUGG Electronic Journal, Volume 14 No. 6 (1 June 2014)

The IUGG E-Journal, Volume 14 No. 6 has been published at <http://www.iugg.org/publications/ejournals/IUGGej1406.pdf> .

The contents include:

1. Science-driven approach to disaster risk reduction (Editorial)
2. Nicaragua becomes a Regular Member of IUGG
3. Nominations for the IUGG Early Career Scientist Award (Deadline: 22 June 2014)
4. Report of the LOC and the SPC on the IUGG General Assembly 2015
5. News from the International Council for Science (ICSU)
6. Awards and Honors
7. New Books
8. IUGG-related meetings occurring during June – August 2014 [Please note the ICSU-WMO conference WWOSC in August (www.wwosc2014.org)]

b) Nominations for the IUGG Early Career Scientist Award

The *Early Career Scientist Award* (ECSA) of the International Union of Geodesy

and Geophysics honors early career scientists for their outstanding research in Earth and space sciences and international research cooperation. Submission of nominations for ECSA closes on 22 June 2014. The awardees are bestowed an IUGG plaque and certificate, which will be presented at the Opening Ceremony of the XXVI IUGG General Assembly in Prague, Czech Republic, June 2015, following the announcement of the awards on 5 November 2014. IUGG covers travel expenses of the awardees to attend the General Assembly. The awardees will be invited to give a talk at the General Assembly. The ECSA Committee appointed by IUGG President Harsh Gupta consists of six members:

Chair: Jenny Baeseman (IACS), NORWAY

Members:

Salvatore Grimaldi (IAHS), ITALY

Thorne Lay (IASPEI), USA

Satheesh Shenoi (IAPSO), INDIA

Laszlo Szarka (IAGA), HUNGARY

John Turner (IAMAS), UK

Details of the ECSA, including the procedure for nomination, eligibility criteria, and technical requirements, can be found at:

<http://www.iugg.org/honors/ECSAward.pdf>

IAMAS has received 10 nomination packages from ICACGP, ICCL, ICCP, ICDM, ICAE, ICPAE and IO3C. IAMAS nominations will be made by the current president, Athena Coustenis after consultation with the Bureau. Vice-president, John Turner agreed to carry out a first assessment of all the nominations received.

c) Nominations for the IAMAS Early Career Scientist Medal

IAMAS will award its second ECSM at IUGG-2015 in Prague (cf.

<http://www.iamas.org/NewsLetters/> for the presentation at DACA-13). All nominations received under b) and not forwarded to IUGG will be considered. Further nominations are possible until **22 December 2014** to John Tuner (email: jt@bas.ac.uk). Details about nominations for IAMAS/ECISM are **given below**:

. The IAMAS Early Career Scientist medal can be presented to any suitable scientist working in any area of the atmospheric sciences.

The medal will be presented biennially at the IAMAS Assemblies with the recipient being invited to give a lecture at an appropriate session.

Early career will be taken as a scientist who has earned their highest degree within the last 10 years or were under 40 years of age when nominated.

Scientists will be nominated for the Medal by the IAMAS commissions, who will seek potential nominees from within their field. Each commission may nominate only one scientist ahead of an Assembly.

Nominations should be received by the IAMAS Bureau at least 6 months ahead of the Assembly where the Medal will be awarded (this is 22 December 2014 for the Prague Assembly).

The nomination should include a brief (less than 2 page) account of the achievements of the nominated scientist, details of their involvement with IAMAS, a list of their major publications and an assessment of their potential.

The recipient will be decided by an Awards Committee established by the IAMAS Bureau and usually chaired by an IAMAS Vice President. Membership of the committee will be drawn from the Bureau and Members at Large. The committee will work via email and tele-conference.

If no suitable candidates are nominated ahead of an Assembly the medal will not be awarded.

The recipient will receive an inscribed medal and a certificate signed by the President and Secretary-General of IAMAS.

d) Nominations for the IUGG Gold Medal

The Gold Medal is the highest honor of the International Union of Geodesy and Geophysics, established in 2013 to award Earth and space scientists for outstanding contributions to geodesy and geophysics and for unselfish international cooperation in research. The Medal is presented by the IUGG President at IUGG General Assembly following the announcement of the award. The Awardee is bestowed the Medal, a Medal certificate and an Honorary Membership of IUGG (Please refer to the attached PDF for more details). IAMAS nomination will be made by the current president, Athena Coustenis after consultation with the Bureau.

The deadline for submission is 22 October 2014.

e) Upcoming IAMAS Event: An ICDM-ICPM-PPP Workshop

An ICDM-ICPM-PPP Workshop “The Dynamics of Atmosphere-Ice-Ocean- Interactions in High Latitudes” will be held on 23-27 March 2015 in Rosendal Fjordhotel, Rosendal, Norway

The rapid decline in Arctic summer sea-ice has spurred a rash of experiments to better explain the potential effects of climate change in the Arctic. Chief among the effects of interest is the observed polar amplification of climate change and its associated implications for high-latitude weather and climate. Air-ice-sea energy exchanges are most intense near the ice edge and within the marginal ice zone (MIZ) where cold and very dry Arctic air masses reside and periodically spill out over the warm ocean.

On weather forecast timescales, improving our understanding of the processes at work between the atmosphere, ocean and sea ice in the polar environment are key to progress in our abilities to make valuable predictions in these areas. Understanding the links and interactions within the atmosphere-ocean-ice system is essential to further our abilities to predict and correctly

represent these links in current and future forecast systems. It is also this understanding that is therefore crucial in helping us to improve our climate models.

Predictability and dynamical processes represent the cornerstones of the international WWRP-THORPEX programme together with the newly established WWRP Polar Prediction Project.

The scientific organization of this workshop will be led by members of the IAMAS commissions on dynamical meteorology (ICDM) and polar meteorology (ICPM) and the WWRP Polar Prediction Project (PPP). The workshop will feature a series of keynote lectures from leading research scientists working on many aspects of atmospheric dynamics and its interplay with the ocean and sea ice. The workshop will address principal dynamical understanding, observations and predictability from short-range weather prediction to climate modelling.

f) Obituary notice for Dr. Natalia Andronova



Dr. Andronova, who organized quite a number of sessions at IAMAS meetings on Climate Sensitivity, passed away after a battle with brain cancer. She passed away peacefully in the comfort of her own home, surrounded by her loving sons. Natasha cherished her work at the University of Michigan. She was an integral developer of the Master of Engineering program in Applied Climate: she defined the program, advised students, and developed new courses for it. She regularly taught classes for both graduate and undergraduate students, including Engineering Climate Change and Coping with Climate Change. She was not only an excellent teacher but a talented and hard-working researcher as well. Her participation in

and contributions to the Intergovernmental Panel on Climate Change Fourth Assessment Report lead her to become a co-recipient of the Nobel Peace Prize in 2007. However, Natasha was widely known for more than her many achievements in climate science; her kindness and generosity were equally moving. She was admired by students and colleagues within the University of Michigan and throughout the world.

<http://obits.mlive.com/obituaries/annarbor/obituary.aspx?n=natalia-andronova&pid=171231318&fhid=5988>