

題名 ISWI Newsletter – Vol. 4 No. 20
差出人 George Maeda

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Attachment(s):
None.

: Re:
: (1) Short video on the ISWI Summer
: School in Slovakia last year.
: (2) "7th IAGA/ICMA/CAWSES Workshop on
: Long-Term Changes and Trends
: in the Atmosphere"

Dear ISWI Participant:

I provide for you two announcements that were sent to me for immediate circulation inside of the ISWI community. One is from Dr Nat Gopalswamy and the other comes to me from Argentina, which will be hosting a IAGA/ICMA/CAWSES Workshop.

(1) Announcement from Dr Nat Gopalswamy of NASA:

Dear George,

A young film maker Alexandra Gojdicova from Bratislava, Slovakia, produced a short video on the ISWI summer school in Europe (August 21-27, 2011, Astronomical Institute of the SAS, Tatransk-Lomnica, Slovakia). She also interviewed Nat Gopalswamy, one of the directors of the school. These videos can be found at the following links:

Europe Summer School in Space Science
<http://vimeo.com/36637174>

Interview with Nat Gopalswamy, NASA/GSFC, Geenbelt, USA and ISWI
<http://vimeo.com/36490011>

Other productions by Alexandra can be found in that site. If the ISWI community has comments on the video, they can be sent to her at esfiresfir@gmail.com

Thanks are due to Dr. Ivan Dorotovic, whose thoughtfulness created this permanent record.

Nat

(2) Announcement from Argentina:

Date: Fri, 24 Feb 2012 05:33:38 -0800 (PST)
From: Ana Elias <anagelias@yahoo.com>
Subject: Announce a Workshop
To: "maeda@serc.kyushu-u.ac.jp"

Dear George,

First of all thank you for your mails with the Newsletters and all the information you share with all of us.

I would like you to announce and invite to participate in the "7th IAGA/ICMA/CAWSES Workshop on Long-Term Changes and Trends in the Atmosphere" which will be held in 11-14 September 2012, in Buenos Aires, Argentina, at the CEMA University (www.ucema.edu.ar). The website of the Workshop is: www1.herrera.unt.edu.ar/faceyt/trends2012/

Here is some short information in case you want to include it:

We invite you to participate at the "7th IAGA/ICMA/CAWSES Workshop on Long-Term Changes and Trends in the Atmosphere" which will be held in 11-14 September 2012, in Buenos Aires, Argentina, at the CEMA University. More information and deadlines can be find at the website of the Workshop: www1.herrera.unt.edu.ar/faceyt/trends2012/

Long-term changes to Earth's atmosphere are becoming more and more relevant to the future of our world and it is paramount that we quantify and understand changes occurring at all levels within the coupled atmospheric system. The increasing concentration of greenhouse gases, stratospheric ozone depletion, varying solar and geomagnetic activity, secular change of Earth's magnetic field, and changing dynamics propagating up from the troposphere are some of the possible causes of long-term changes in the stratosphere, mesosphere, thermosphere and ionosphere. The goals of this workshop are to review the current state of knowledge about trends in these atmospheric regions, and to discuss what research is necessary for resolving inconsistencies, reducing uncertainties, and achieving a deeper understanding of middle and upper atmospheric climate change - especially the relative influences of anthropogenic and solar effects.

We welcome papers using all types of observational techniques to determine the long-term changes and trends that have occurred in the past and also to determine the processes behind those changes. We also welcome contributions which consider the availability, quality and acquisition of various data sets which may be exploited for trend studies, and statistical methods for deriving and validating those trends. Interpretation and attribution of observational results depends heavily on theoretical models and numerical simulations of the trends, and presentations dealing with these topics are particularly welcome. While the troposphere is not the main focus of the workshop, it is clear that it has a major role to play in middle and upper atmosphere trends; papers that demonstrate this relevance are also welcome.

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Themes of the workshop:

1. New insight from satellite data (e.g., TIMED, OMI, etc.)

and international collaborations (e.g., NDMC, CAWSES Activities, etc.)

2. New statistical approaches in trend detection: nonlinearities, discontinuities, and uncertainties

3. Gravity waves and changing climate

4. Influence of tropospheric and stratospheric trends on upper atmospheric climate

5. Drivers of trends and? trends in middle and upper atmospheric dynamical parameters

6. Emerging trends in the mesosphere, including NLC/PMCs

7. Attribution of trends in the thermosphere and ionosphere (including trends in irregularities and turbulence) to anthropogenic forcing, geomagnetism, and solar climate

8. Whole-atmosphere climate change: Impacts, adaptation, mitigation, and geo-engineering

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Local Organizing Committee:

- Ana G. Elias (e-mail: anagelias@yahoo.com, aelias@herrera.unt.edu.ar)
- Marta Zossi e-mail mzossi@herrera.unt.edu.ar
- Teresita Heredia: theredia@herrera.unt.edu.ar
- Patricia M. Fernandez: pfernandez@herrera.unt.edu.ar

International Scientific Program Committee (SPC):

- Gufran Beig (India) (e-mail: beig@tropmet.res.in) -Chairman
- Jan Lastovicka (Czech Republic) (e-mail: jla@ufa.cas.cz)
- Dan Marsh (USA) (e-mail: marsh@ucar.edu)
- John Emmert (USA) (e-mail: john.emmert@nrl.navy.mil)
- Christoph Jacobi (Germany) (e-mail: jacobi@rz.uni-leipzig.de)
- Liyang Qian (USA) (e-mail: lqian@ucar.edu)
- Ana G. Elias (Argentina) (e-mail:anagelias@yahoo.com) -Convener

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As soon as I have the First Circular ready I will send it to you, so you can also distribute it.

Kind regards,
Ana

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 : Universidad Nacional de Tucuman
 : Facultad de Ciencias Exactas y Tecnologia
 : Departamento de Fisica
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If you have an announcement, please send it my way.

Most cordially yours,
 : George Maeda
 : The Editor
 : ISWI Newsletter