



NEWSLETTER

Commission
on Climatology

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1. Membership

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A. Douguédroit (France), R. Brazdil (Czech Republic), T. Mikami (Japan).

2. IGU International Congress, Cologne, Germany 2012 – report

During the IGU Congress in Cologne, Germany, 26 - 30 August 2012 Commission on Climatology organized 5 Sessions (27-28 August) with 15 timeslots covering the topics:

Climate change and variability in different spatial and temporal scales, chaired by N. Taper

The most fruitful session with 6 timeslots and 24 presentations from all over the world. The very broad session theme led to the diversity of topics brought up from historical climatology to climate change environmental impacts.

Weather and Climate Extremes, chaired by Z. Ustrnul

During two timeslots 5 presentations, mostly devoted to precipitation extremes, were given. The participants discussed also the impact on climate extremes on environment and social/economical activities.

Applied Climatology in 21 Century, chaired by A. Monteiro

4 presentations were given by participants from Germany (meteorological indices versus forest fires), Russia (thermally extreme climate and the growing period variability) and Japan (using satellite images in applied climatology) as well as prof. Monteiro herself (health and climate).

Potential Impacts of Climate Variability and Change on Agriculture, chaired by J. Winkler

During 3 timeslots 11 presentations were given. Climate change and agriculture issue was discussed by both climatologists and economists. Both temperature (described by e.g. growing degree days) and precipitation (by drought indices) changes were taken into account.

Urban climates, chaired by A. Bitan and H. Saaroni

Different aspects of climate in the cities were presented. From always hot topic of urban heat island to adapting to climate change.

During the sessions 55 presentations were given by scientists from 21 countries, representing Europe, Asia, North and South America, Australia and Oceania. The total number of sessions participants is difficult to estimate.

There was also a joint session CoC-IGU MRP: Climate change in the areas with Mediterranean climate: characteristics, mitigation and adaptation organized/announced but due to the small number of participants interested as well as some personal problems it was finally cancelled.

Steering Committee meeting – Cologne, Germany, 29.08.2012

During the IGU Congress Steering Committee meeting took place. It was attended by 5 full members as well as 5 observers. The general theme of the meeting were the Commission

activities planned for 2013 and 2014 (e.g. IGU Regional Conference in Japan and in Poland).

3. IGU Regional Conference, Kyoto, Japan 2013 – announcement



An old Japanese proverb (on-ko chi-shin), taken from a Chinese one (wengu zhixin), says that only by exploring the old can one understand the new. We should first understand how traditional ideas, linked to interaction between society/culture and the environment, were formed in different countries and regions. Fortunately, throughout their long histories East Asian countries, including Japan, have fostered a rich wisdom concerning such interaction. Traditional wisdom, in harmony with the environment, remains prevalent. The Regional Conference held in Japan will examine how we can mold the earth's future through such traditional wisdom and modern knowledge derived from modern geography.

Commission on Climatology will be represented at Kyoto IGU Regional Conference by prof. Jun Matsumoto who was also asked to be responsible for the CoC sessions. They are proposed as follows:

- ✓ Climatic change and variability in different spatial and temporal scales in Asian-Pacific region.
- ✓ Urban Climate.
- ✓ Impacts of climate variability and change on eco-system, agriculture and human society.
- ✓ Precipitation in various regions of the world.
- ✓ Climate-related risk and hazard <Joint session with Hazard and Risk Commission>

DEADLINES

Abstract submission:	4 February 2013
Reduced registration fee:	10 April 2013
Registration deadline for inclusion of papers/posters in the program:	30 April 2013
Standard registration fee:	03 July 2013
One-day tickets may be purchased during the Conference.	

More information at: <http://oguchaylab.csis.u-tokyo.ac.jp/IGU2013/>

4. Others

Corresponding Members

We kindly remind and ask every Commission on Climatology Full Member to prepare the potential list of Corresponding Members: people who are interested in cooperating in the frame of CoC, who find the CoC activities important and have the possibility and – what's more important – desire to sustain the international research cooperation and studies on the field of climatology, encourage the exchange of relevant documents and information and organize conferences or meetings. We would try to involve all the people to meet together in Cologne to discuss further perspectives and plans for CoC activities.

CoC website

<http://www.klimat.geo.uj.edu.pl/CoC.htm>