



Call For Paper — ICEO-SI 2012

(25th -27th June 2012)

The Second Announcement

Description:

The International Conference on Earth Observations and Societal Impacts (ICEO-SI) will be held at National Taiwan University, Taipei, Taiwan in June 2012. After successful 2011 Meeting, the ICEO-SI 2012 Meeting will again bring advancing understandings of earth observations and societal impacts from the regional to the global levels.

The ICEO-SI meeting is simultaneously addressing 9 areas of critical importance to the sustainability of global environment. It is aimed to better understand the international community to protect itself against natural and human-induced disasters, understand the environmental sources of health hazards, manage energy resources, respond to climate change and its impacts, safeguard water resources, improve weather forecasts, manage ecosystems, promote sustainable agriculture and conserve biodiversity (based on the goal of Global Earth Observation System of Systems, GEOSS)

We sincerely invite all scholars and academic researchers in a broad range of disciplines who devote themselves to these topics to join this distinguished gathering, and make contributions to the future world.

Main Topics:

1. Disasters:

How to efficiently access land observation information is vital while facing disasters. The integrations of the GEOSS may help give warning, prevent from serious damages, as well as reduce the impacts of various disasters.

2. Health:

How natural environmental changes endanger human health is in focus. Through the employment of the GEOSS, the health impacts of these environmental changes can be monitored.

3. Energy:

The energy topic includes the appropriate energy usage, efficient management of energy resources, stabilizing or reducing greenhouse gases and so on. The ICEO-SI 2012 focuses on how the GEOSS can contribute to these issues.

4. Climate:

Climate change has already been the main issue in the agenda of global policy. However, the further comprehension on local impacts of global climate system is still needed. Main uncertainty factors include the cloud cover, the rise of sea level, carbon cycle and other human-made suspended materials. The GEOSS help monitor the changing climate and enact appropriate policy to face these changes.

5. Water:

This topic is to focus on the influences of fresh water on people's livelihood, enterprises and the continually increasing world population. Through using long term GEOSS to monitor the global water supply system, the water cycle variability and its human impacts can be detected and managed.

6. Weather:

In the realm of earth observations, weather monitoring and forecasting are the most pragmatic fields. Through the integration of equipments, database and forecasting models, weather data can be applied into various environmental studies.

7. Ecosystems:

Inappropriate land developments around the world have greatly threatened various ecosystems. The topic of integrating land monitoring system has thus been brought to the fore.

8. Agriculture:

Food supply is affected by the natural environment. However, agriculture can also bring adverse impact to the environment, for instance, the terrestrial erosion, desertification, chemical pollution and water shortages. How the GEOSS can contribute to the sustainable agriculture management is in focus.

9. Biodiversity:

Biodiversity maintains the balance between creatures and the environment. The improvements of biodiversity monitoring, measurement and analysis facilitate the reservation and sustainable use of biological resources.

Each of the nine topics bears its common interests in societal impacts, which forms the special human concerns of the ICEO-SI 2012.

Time & Venue:

Time: 25th -27th June 2012

Venue: GIS NTU Convention Center, National Taiwan University, Taiwan

Abstract Submission:

1. **Important Date:**

Deadline for Abstract Submission: **31th January, 2012**

Deadline for full paper Submission: **15th April, 2012**

2. **Abstract (Oral/Poster) Submission Instruction:**

Please indicate in which session the abstract should go and write down the session number in your abstract. For abstracts intended for oral presentations, please underline the name of the speaker and write “speaker” in the round brackets beside the name of the speaker.

The abstract should be submitted to ntulmc@ntu.edu.tw as a .doc (MS-Word) file attachment.

3. **Abstract Guidelines:**

All abstracts must be in English.

Maximum Length of Abstract: 500 words.

No photographs, figures, tables, reference or abbreviations. No footnotes or endnotes.

Registration Fee:

USD \$100 (Before 31 Mar. 2012)

USD \$120 (After 1 Apr. 2012)

USD \$50 (Student)

Conference Website: <http://www.icco-si2012.com/>

Contact: ntulmc@ntu.edu.tw