



ICEO-SI 2012



International Conference on Earth Observations and Societal Impacts, 2012

The International Conference on Earth Observations and Societal Impacts 2012 (ICEO-SI 2012)

The Announcement of Deadline Extension

The International Conference on Earth Observations and Societal Impacts (ICEO-SI) will be held at National Taiwan University, Taipei, Taiwan from the 25th–27th June 2012. Following the success of the 2011 Meeting, the ICEO-SI 2012 Meeting will once again advance our understanding of earth observations and societal impacts from the regional to the global level. We sincerely invite all scholars and academic researchers with knowledge of these issues to join this distinguished gathering, and make a contribution.

The Call for Abstracts for ICEO-SI 2012 Conference has been extended until the 29th of February 2012.

Thus far, we have seen a fantastic response to the topics proposed with academics wishing to travel from several countries, it promises to be a fruitful event. However, we want to make sure the opportunity to be a part of this year's conference is open to those who are still formulating talks. We sincerely invite contributions from various research fields who are involved in the issues. We have proposed to take this opportunity to share your ideas or opinions at this great multi-cultural academic gathering.

Main Topics:

1. Ecosystems:

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

2. Biodiversity:

Biodiversity is a measure of the health of ecosystems. Improvements on the monitoring, measurement and analysis of biodiversity facilitate the reservation and sustainable use of biological resources.

3. Water:

The debates shall focus on the influence of fresh water on people's livelihood, enterprises and the continually increasing world population. Through using long term Global Earth Observation System (GEOS) to monitor the global water supply system, the changing water cycle and human impacts can be detected and managed.

4. Disasters:

How to efficiently access land observation information is vital while facing disasters. The integration of GEOS may help give warning and prevent serious damage, as well as reduce the impacts of various disasters.

5. Energy:

Issues discussed under this topic include: appropriate energy usage, efficient management of energy resources, stabilizing and/or the reduction of greenhouse gases etc. The ICEO-SI 2012 focuses on how GEOS can contribute to these issues.

6. Health:

How do natural environmental changes endanger human health? Through the employment of the GEOS, the health impacts of these environmental changes can be monitored.

7. Weather:

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

8. Climate:

Climate change has already been a main issue in the agenda of global policy. However, there is a call for increased understanding on the further impacts of global climate systems on a local level. Future cloud cover, sea level rise and the carbon cycle, are but a few of the issues demanding attention. The GEOS helps monitor the changing climate and enact appropriate policy to face these changes

9. Agriculture:

Agriculture and thus food supply is affected by the natural environment, however, vice versa agriculture can also have an adverse impact on the environment. Examples include: terrestrial erosion, desertification, chemical pollution and water shortages. How can GEOS contribute to the sustainable agriculture management.

10. Business:

This topic covers all industry/business needs derived from the category of earth observation research, through which we hope to provide a platform for discussing related products, business models or views in the realm of earth observations.

Each of these 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: **29th February, 2012**

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

2. Abstract (Oral/Poster) Submission Instructions:

Please indicate which session the abstract should go into 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.

The maximum length of an abstract is 500 words.

Abstracts should not contain: photographs, figures, tables, reference, abbreviations, footnotes or endnotes.

Registration Fee:

USD \$100 (Before 31 Mar. 2012 (included))

USD \$120 (After 1 Apr. 2012 (included))

USD \$50 (Student)

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

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