



**INTERNATIONAL SYMPOSIUM ON SUSTAINABILITY SCIENCE  
UNDERSTANDING CLIMATE CHANGE PHENOMENA FOR HUMAN WELL BEING  
Program Studi Magister Ilmu Lingkungan, Pascasarjana  
Pusat Penelitian Sumber Daya Alam dan Lingkungan LPPM  
Universitas Padjadjaran**

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Nomor : 006/UN6.012.1/KS/INTSYMP/2014 Bandung, 1 April 2014  
Lampiran : 1 (satu) berkas  
Perihal : Undangan untuk Berpartisipasi dalam *International Symposium on Sustainability Science*

Kepada Yth. : Pimpinan Lemlit Universitas Udayana  
Di Tempat

Sehubungan dengan peringatan Dies Natalis Unpad ke-57, Program Studi Magister Ilmu Lingkungan Pascasarjana (PSMIL-Ps) dan Pusat Penelitian Sumber Daya Alam dan Lingkungan LPPM (PPSDAL-LPPM) Universitas Padjadjaran bermaksud menyelenggarakan *International Symposium on Sustainability Science: Understanding Climate Change Phenomena for Human Well Being* pada tanggal 8 - 10 September 2014 di Bandung. Berkaitan dengan hal tersebut, dengan ini kami mengundang bapak/ibu beserta staff untuk dapat berpartisipasi, baik sebagai peserta pemakalah maupun non-pemakalah.

Adapun informasi mengenai kegiatan simposium internasional dapat diperoleh melalui website <http://www.sss2014.net> atau leaflet/poster yang kami lampirkan dalam surat ini. Besar harapan kami, akan keikutsertaan bapak/ibu pada simposium internasional tersebut. Atas perhatian dan kerjasama bapak/ibu, kami mengucapkan terima kasih.

**Hormat Kami,**



**Prof. Oekan S. Abdoellah, MA., Ph.D**  
**Ketua Panitia**

**Tembusan :**

- Wakil Rektor III Universitas Padjadjaran
- Direktur Pascasarjana Universitas Padjadjaran
- Ketua LPPM Universitas Padjadjaran

# INTERNATIONAL SYMPOSIUM ON SUSTAINABILITY SCIENCE

## UNDERSTANDING CLIMATE CHANGE PHENOMENA FOR HUMAN WELL BEING

### KEYNOTE SPEAKERS



AGUS PURNO, MA, MBA,  
SPECIAL STAFF TO PRESIDENT  
ON CLIMATE CHANGE ISSUES AND  
HEAD OF SECRETARIAT OF THE NATIONAL COUNCIL  
ON CLIMATE CHANGE  
INDONESIA



PROF. ZAKRI ABDUL HAMID  
GLOBAL SCIENCE AND INNOVATION  
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PROF. HANS BRESSERS  
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PROF. TAKAO YOSHIMATSU  
MIE UNIVERSITY  
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POSTGRADUATE PROGRAMME ON  
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DR. OSAMU SAITO  
UNITED NATIONS  
UNIVERSITY  
JAPAN

\* TO BE CONFIRMED

BANDUNG,  
SEPT 8<sup>TH</sup> - 10<sup>TH</sup> '14  
CAMPUS OF UNIVERSITAS PADJADJARAN

### BACKGROUND

Climate change is a challenging issue as it is one of the most complex, multilayered and interdisciplinary intellectual puzzles facing us today. The questions are numerous. What scientific processes underlie climate change? To what extent do human activities become a driver of climate change? Can future changes be reliably predicted? What are the likely consequences of climate change, and what policies are needed to mitigate these changes? Its complexity of problems and consequences reflects the need of wider, more comprehensive and integrated perspective and approaches to cope with the implication of the climate change. Therefore, a new paradigm in science and research development is needed.

In light of sustainability science, climate change can be understood either as a "threat" or as an "opportunity" which is important to promote the human well-being. However, sustainability science should grab any issues, concepts, approaches, and methodologies relevant to the handling of the challenges. Therefore in order to reach a sustainable society, we are challenged to uncover opportunities under the threats that reside behind climate change. This symposium will facilitate the sharing of ideas and integration of the relevant works, as well as to frame the future trans-disciplinary sustainability research and science.

### OBJECTIVES

The objectives of this symposium are to discuss the issues, concepts, approaches, methodologies, and role of sustainability science and research in bridging the implications of climate change and human well-being. Discover the opportunities of climate change using the concept of sustainability science will be the main purpose. In addition, the symposium also aims at providing any research gains from trans-disciplinary field necessary to re-frame the future needs in strengthening the role of sustainability science and research.

### SCOPE OF PAPERS

EXPLORE THE OPPORTUNITIES OF  
CLIMATE CHANGE UNDER ITS THREAT IN THE AREA:

- BIOLOGICAL AND NON-BIOLOGICAL RESOURCES
- ECOLOGICAL SYSTEM AND ECOSYSTEM SERVICES
- QUALITY OF THE PHYSICAL ENVIRONMENT AND ENVIRONMENTAL HEALTH
- URBAN AND RURAL ENVIRONMENT
- GEOLOGICAL ENVIRONMENTS AND LANDSCAPE
- ENERGY RESOURCES
- VULNERABILITY, RESILIENCE, ADAPTATION AND MITIGATION
- PLANNING, GOVERNANCE AND MANAGEMENT CAPACITIES
- INDIGENOUS KNOWLEDGE AND LOCAL INITIATIVES
- EDUCATION
- INNOVATIVE TECHNOLOGY

ORAL/PAPER PRESENTATION SHOULD  
BE BASED ON RESEARCH OR LITERATURE REVIEW

### IMPORTANT DATES

|                           |  |
|---------------------------|--|
| SYMPOSIUM                 | SEPT 8 <sup>TH</sup> - 10 <sup>TH</sup> '14      |
| CALL FOR ABSTRACT         | MARCH 11 <sup>TH</sup> - MAY 5 <sup>TH</sup> '14 |
| EARLY BIRD REGISTRATION   | MAY 12 <sup>TH</sup> - JUN 20 <sup>TH</sup> '14  |
| LAST MINUTE REGISTRATION  | JUN 23 <sup>RD</sup> - AUG 15 <sup>TH</sup> '14  |
| PAPER SUBMISSION DEADLINE | AUG 16 <sup>TH</sup> '14                         |
| PAPER REVIEW              | JUN 23 <sup>RD</sup> - AUG 22 <sup>ND</sup> '14  |

### REGISTRATION AND MORE INFORMATION

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| PARTICIPANT (PAPER)       | EARLY BIRD | LAST MINUTE |
|---------------------------|------------|-------------|
| LOCAL STUDENT             | IDR750K    | IDR900K     |
| LOCAL REGULAR             | IDR850K    | IDR1000K    |
| PARTICIPANT (NON PAPER)   |            |             |
| LOCAL STUDENT             | IDR500K    | IDR650K     |
| LOCAL REGULAR             | IDR600K    | IDR700K     |
| INTERNATIONAL PARTICIPANT |            |             |
| STUDENT                   | USD150     | USD200      |
| REGULAR                   | USD250     | USD300      |

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INTERNATIONAL SYMPOSIUM  
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