# International Conference on Sustainability Science 2009 (ICSS2009)



## **Program**

| <b>Day 1</b> (February 5, 2009) |  |                                       |   |  |  |  |  |
|---------------------------------|--|---------------------------------------|---|--|--|--|--|
| 09:30                           | Registration   |                                       |   |  |  |  |  |
| 10:00                           | Plenary opening session <main hall=""></main>  |                                       |   |  |  |  |  |
|                                 | Opening remarks  |                                       |   |  |  |  |  |
|                                 | Kazuhiko Takeuchi, Deputy executive director of IR3S, the University of Tokyo                        |                                       |   |  |  |  |  |
| 10:10                           | <ul> <li>Welcome note         Hiroshi Komiyama, President of the University of Tokyo     </li> </ul> |                                       |   |  |  |  |  |
|                                 |  |                                       |   |  |  |  |  |
| 10:25                           | Introduction of concepts and structures of ICSS2009  Kensuke Fukushi, IR3S, the University of Tokyo  |                                       |   |  |  |  |  |
|                                 |  |                                       |   |  |  |  |  |
| 10:40                           | Keynote speech   |                                       |   |  |  |  |  |
|                                 | Govindan Parayil, Vice rector of the United Nations University                                       |                                       |   |  |  |  |  |
| 11:30                           | Commemorative photograph of participants   |                                       |   |  |  |  |  |
| 11:40                           | Lunch break <2F Lobby>   |                                       |   |  |  |  |  |
| 13:00                           | 13:00 Parallel session   |                                       |   |  |  |  |  |
|                                 | Track 1 - Session 1<br>Climate change  | Track 2 - Session 3<br>Food and water | Track 3 - Session 5 Resilience for sustainable ecosystem management | Track 4 - Session 7 Development of doctoral programs on sustainability science |  |  |  |
| 17:00                           | <bf 001=""></bf>   | <bf 002=""></bf>                      | <2F 201>  | <2F202>  |  |  |  |
| 17:30                           | Reception <1F Dining hall "Harmony">   |                                       |   |  |  |  |  |

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|---------------------------------------|---|---|--|--|--|--|--|
| <b>Day 2</b> (February 6, 2009)       |   |   |  |  |  |  |  |
| 09:30                                 | Keynote Speech Hiroyuki Yoshikawa, President of the Advanced Industrial Science and Technology, Japan       |   |  |  |  |  |  |
| 10:30                                 | Parallel session *lunch will be served during the session.  |   |  |  |  |  |  |
|                                       | Track 1 - Session 2<br>Energy sustainability  | Track 2 - Session 4 Resource circulation and land use | Track 3 - Session 6 Integrative scenario for sustainable society | Track 4 - Session 8 Role of university in society for sustainability |  |  |  |
|                                       | <bf 001=""></bf>  | <bf 002=""></bf>                                      | <2F 201>   | <2F 202>   |  |  |  |
| 14:30                                 | Coffee break  |   |  |  |  |  |  |
| 15:00                                 | Plenary session <2F Main hall>  |   |  |  |  |  |  |
|                                       | Panel discussion 1: Sustainability science for industry   |   |  |  |  |  |  |
|                                       | Panel discussion 2: Network of networks for sustainability science  |   |  |  |  |  |  |
| 17:00                                 | Poster Session <2F Lobby>   |   |  |  |  |  |  |
| <b>Day 3</b> (February 7, 2009)       |   |   |  |  |  |  |  |
| 09:30                                 | Plenary closing session <main hall=""> Session report and panel discussion by session's chairpersons</main> |   |  |  |  |  |  |
|                                       |   |   |  |  |  |  |  |
| 11:00                                 | Proposal for the next ICSS2010  |   |  |  |  |  |  |
| 11:10                                 | Closing remarks   |   |  |  |  |  |  |

Akimasa Sumi, Executive Director of Transdisciplinary Initiative for Global Sustainability (TIGS),

the University of Tokyo

11:30

## ICSS2009 speakers and participants

\*Alphabetical order

## **Plenary session**

Hiroshi Komiyama, President of the University of Tokyo, Executive Director of IR3S, Japan

Govindan Parayil, Vice Rector of the United Nations University

Akimasa Sumi, the University of Tokyo, Japan

Hiroyuki Yoshikawa, President of Advanced Industrial Science and Technology (AIST), Japan

#### Session1

Suppakorn Chinvano, Chulalongkorn University, Thailand

Seita Emori, National Institute on Environmental Studies (NIES), Japan

Junichi Fujino, National Institute on Environmental Studies (NIES), Japan

Seiji Ikkatai, Kyoto University, Japan

Jurgen Kropp, Potsdam Institute for Climate Impact Research (PIK), Germany

Nobuo Mimura, Ibaraki University, Japan

Rosa T. Perez, Manila University Campus, Philippines

#### Session 2

Alan Brent, Council for Scientific and Industrial Research (CSIR), South Africa

Hideaki Horie, the University of Tokyo, Japan

Mithra Moezzi, HELIO International, France

Yvani Myriam Deraniyagala, Munasinghe Institute for Development (MIND), Sri Lanka

Vincenzo Naso, CIRPS, Sapienza University of Rome, Italy

Fabio Orecchini, CIRPS, Sapienza University of Rome, Italy

Masayuki Sasanouchi, Toyota Motor Corporation, Japan

Katsumi Yoshida, Sowa Shell Sekiyu K.K., Japan

#### Session 3

Arnulfo G. Garcia, Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA), Philippines

Kensuke Fukushi, the University of Tokyo, Japan

Srikantha Herath, Institute for Sustainability and Peace, the United Nations University

Xiubin Li, Chinese Academy of Sciences, China

D.J. Lee, Taiwan National University, Taiwan

Greg Morrison, Chalmers University of Technology, Sweden

Taikan Oki, the University of Tokyo, Japan

Tatsuo Omura, Tohoku University, Japan

Chongrak Polprasert, Asian Institute of Technology (AIT), Thailand

### Session 4

Tomas Hak, Charles University of Prague, Environment Center, the Czech Republic

Marianne Karpenstein-Machan, IZNE, Gottingen University, Germany

Tohru Morioka, RISS, Osaka University, Japan

Mitsuru Osaki, SGP, Hokkaido University, Japan

Anette Reenberg, Department of Geography and Geology, University of Copenhagen, Denmark

Nobuyuki Tsuji, SGP, Hokkaido University, Japan

Rusong Wang, Research Center for Eco-Environmental Science, Chinese Academy of Science, China

Nobuo Yoshida, Wakayama University, Japan

#### Session 5

Takashi Amemiya, Yokohama National University, Japan Peter J. Edwards, Swiss Federal Institute of Technology, Switzerland Toshiya Okuro, the University of Tokyo, Japan P.K. Ramachandran Nair, University of Florida, United States Kazuhiko Takeuchi, IR3S, the University of Tokyo, Japan Hiroya Yamano, National Institute for Environmental Studies, Japan

#### Session 6

Vaibhav Chaturvedi, Indian Institute of Management (IIM), India Keisuke Hanaki, IR3S, the University of Tokyo, Japan Eiji Hosoda, Keio University, Japan Toshihiko Masui, National Institute for Environmental Studies (NIES), Japan Shilpa Rao, International Institute for Applied Systems Analysis (IIASA), Austria Kentaro Tamura, Institute for Global Environmental Strategies (IGES), Japan A. H. Zakri, the Universiti Sains Malaysia in Penang, Malaysia.

#### Session 7

Michael Burns, the Council for Scientific and Industrial Research (CSIR), South Africa Nancy Dickson, Harvard University, United States
Pim Martens, the University of Maastricht, the Netherlands
Lennart Olsson, Lund University, Sweden
Arnim Wiek, Arizona State University, United States
Masaru Yarime, the University of Tokyo, Japan

## Session 8

Jean-Louis Armand, French Embassy in Japan, France
James L. Buizer, Arizona State University, United States
Zinaida Fadeeva, United Nations University
Takashi Mino the University of Tokyo, Japan
Motoharu Onuki, the University of Tokyo, Japan
Jordi Segalas, Technical University of Catalonia (UPC), Spain
Heike Zimmermann-Timm, Potsdam Institute for Climate Impact Research (PIK), Germany