

JSPS Global COE Program
The Fifth International Conference

In Search of Sustainable Humanosphere in Asia and Africa

December 4-6, 2011
Inamori Foundation Memorial Hall, Kyoto University

Program

December 4, 2011

- 13:00-13:30 Registration
13:30-13:45 Opening Remarks
Kaoru Sugihara (Kyoto University)
13:45-14:00 Keynote Speech
Noboru Ishikawa (Kyoto University)

Session 1: Nature-inspired Technology and Institutions: Perspectives from Asia and Africa

- 14:00-14:15 Introduction
Masayuki Yanagisawa (Kyoto University)
14:15-14:40 “Livelihood Changes and Anthropogenic Vegetation in Rural Asia and Africa”
Masaaki Hirai (Kyoto University) and Masayuki Yanagisawa (Kyoto University)
14:40-14:50 Q and A
14:50-15:15 “Caring for the Geosphere and Active Adaptation: Water and Agriculture in the Tropics”
Yasuyuki Kono (Kyoto University) and Osamu Kozan (Kyoto University)
15:15-15:25 Q and A
15:25-15:50 “Forest-based Production Systems as Tools for Establishing Sustainable Humanosphere”
Mamoru Kanzaki (Kyoto University) , Maki Fukushima (Kyoto University), Ayako Sasaki (Kyoto University), Toshimitsu Hata (Kyoto University), Yoshikatsu Ueda (Kyoto University), Kazuo Ando (Kyoto University), and Koji Tanaka (Kyoto University)
15:50-16:00 Q and A
16:00-16:15 Coffee Break
16:15-17:15 Discussion
Khin Lay Swe (Yezin Agricultural University)
17:30-19:30 Reception

December 5, 2011

Session 2: Reconstituting the Human Domain from the Perspective of Care

- 9:30-9:45 Introduction
Yoko Hayami (Kyoto University)
- 9:45-10:10 “Reconsidering the Moral Domain in the Era of Global Health: Knowledge, Institutions, and Ethical Issues of HIV Interventions”
Makoto Nishi (Kyoto University)
- 10:10-10:20 Q and A
- 10:20-10:45 “Intimate Relationships and the Environment: Developmental Transition of Caregiving Activities among the !Xun of North-central Namibia”
Akira Takada (Kyoto University)
- 10:45-10:55 Q and A
- 10:55-11:20 “Old and New Problems and Technology: Space Solar Power Station (SPS) and Reassembling the Humanosphere”
Shuhei Kimura (Fuji Tokoha University) and Naoki Shinohara (Kyoto University)
- 11:20-11:30 Q and A
- 11:30-11:40 Coffee Break
- 11:40-13:00 Discussion
1. Bishnu Narayana Mohapatra (National University of Singapore)
 2. Akihisa Setoguchi (Osaka City University)
 3. Emiko Ochiai (Kyoto University)
- 13:00-14:00 Lunch

Session 3: The Long-term Dynamics of Environment, Technology and Institutions

- 14:00-14:15 Introduction
Kaoru Sugihara (Kyoto University)
- 14:15-14:40 “The Humanosphere-sustainable Path of Development in Global History”
Kaoru Sugihara (Kyoto University)
- 14:40-14:50 Q and A
- 14:50-15:15 “The Historical Path-Dependency of Monsoon Asia: Common Features and Diversities”
Koichi Fujita (Kyoto University)
- 15:15-15:25 Q and A
- 15:25-15:50 “Equality in Diversity: Conditions for a Sustainable Humanosphere”
Akio Tanabe (Kyoto University)
- 15:50-16:00 Q and A

- 16:00-16:10 Coffee Break
- 16:10-17:40 Discussion
1. Jan de Vries (University of California Berkley)
 2. Roy Bin Wong (University of California Los Angeles)
 3. Osamu Saito (Hitotsubashi University)
- 18:30-20:30 Reception

December 6, 2011

Session 4: Humanosphere Index: Beyond the Human Development Index

- 9:30-9:35 Introduction
Takahiro Sato (Kyoto University)
- 9:35-9:50 “Integrated Geosphere/Biosphere Index”
Takahiro Sato (Kyoto University)
- 9:50-10:05 “Integrated Human Society Index”
Taizo Wada (Kyoto University)
- 10:05-10:15 Q and A
- 10:15-10:45 “Humanosphere Index and its Implication”
Takahiro Sato (Kyoto University) and Taizo Wada (Kyoto University)
- 10:45-11:15 “Seizonkiban Mandala”
Yoichi Mine (Doshisha University)
- 11:15-11:25 Coffee Break
- 11:25-12:35 Discussion
1. Yoshikazu Takaya (Seisen University)
 2. Christopher John Baker (Kyoto University)
- 12:35-14:00 Lunch

***Session 5: Reconstruction of Forestry-based Society
by Conservation and Rehabilitation of Peat Land in Riau, Indonesia***

- 14:00-14:20 Introduction: Reconstruction of Forest-based Society by Conservation and Rehabilitation of Peat Land with the Introduction of People’s Forest in Riau, Indonesia
Kosuke Mizuno (Kyoto University) and Kazuya Masuda (Kyoto University)
- 14:20-14:35 “Transformation of Forest Use among Local People in Peat Swamp Area”
Kazuya Masuda (Kyoto University) and Kosuke Mizuno (Kyoto University)

- 14:35-14:50 “Land Use and Biomass Monitoring to Achieve Sustainability of Peat Swamp Area”
Kazuo Watanabe (Kyoto University), Shuichi Kawai (Kyoto University), and Osamu Kozan (Kyoto University)
- 14:50-15:05 “Evaluation of Biodiversity in Different Land-use Types in a Peatland Area of Sumatra: Establishing Effective Institutions for Biodiversity Conservation”
Hiromitsu Samejima (Kyoto University), Motoko Fujita (Kyoto University), and Ahmad Muhammad (Riau University)
- 15:05-15:20 “Challenges and Potential Problems of Rehabilitating Degraded Tropical Peat Swamp Forest”
Tetsuya Shimamura (Ehime University)
- 15:20-15:35 “Improved Management of Peatlands for the Promotion of Sustainable Rural Livelihoods and Ecosystem Services of Carbon Storage in Giam Siak Kecil-Bukit Batu Biosphere Reserve, Riau, Indonesia”
Haris Gunawan (Kyoto University), Shigeo Kobayashi (Kyoto University), Kosuke Mizuno (Kyoto University), Yasuyuki Kono (Kyoto University), and Osamu Kozan (Kyoto University)
- 15:35-15:45 Coffee Break
- 15:45-17:00 Discussion
1. Basuki Sumawinata (Bogor Agricultural University)
 2. Hisao Furukawa (Kyoto University)
- 17:00-18:00 General Discussion
- Chair: Noboru Ishikawa (Kyoto University)
- Panelist 1: Kohei Wakimura (Osaka City University)
- Panelist 2: Pasuk Phongpaichit (Chulalongkorn University)
- 18:00-18:10 Closing Remarks
- Kaoru Sugihara (Kyoto University)

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