

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)

This international conference is organized by *Global COE* in collaboration with International Training Program (ITP) "On-site Education of Practical Languages for Area Studies", and Young Researcher Overseas Visits Program for Vitalizing Brain Circulation "Triangulation Project for the Understanding of Asian and African Areas".