

The Futurability Initiatives International Workshop on Transdisciplinary Research on Global Environmental Problems

Organized by

Core Research Hub, Research Institute for Humanity and Nature (RIHN)

21-22 January 2013

Lecture Hall, Research Institute for Humanity and Nature, Kyoto, Japan

Since its establishment in 2001, Research Institute for Humanity and Nature (RIHN) has been developing concepts, theories and methods capable of describing and unravelling out the complex realities of human-nature interactions as the very root of present global environmental problems. To this end, RIHN has run a variety of interdisciplinary, Domain-based research projects, and the RIHN Futurability Initiatives have recently launched Initiative-based projects in order to embody transdisciplinarity, in that they seek to re-define the role of science in society and to co-create scientific innovation and social implementation through collaborations with various stakeholders.

The Futurability Initiatives, as well as Initiative-based projects organize an international workshop on transdisciplinary research, with an emphasis on co-design and co-production processes of knowledge on global environmental changes. The aims of this workshop are to share our research experiences of environmental problems, to identify and integrate elements of our theories and practices into a single transdisciplinary framework, and to stimulate innovative scopes, concepts, and methodologies for transdisciplinary understanding of the causes of, and possible solutions to, global environmental problems.

Programme

January 21 (Monday)

Opening

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| 13:30-13:45 | Opening Remarks and Objectives of the Workshop; Jumpei Kubota , RIHN |
| 13:45-14:45 | Gazing through the looking glass at both ends: studying sustainability in Canadian biosphere reserves from the bottom up and the top down
Maureen G. Reed , University of Saskatchewan, Canada |
| 14:45-15:30 | Transdisciplinarity in Regulatory Science: A Case Study of Climate Change
Hiroyuki Matsuda , Yokohama National University, Japan |
| 15:30-15:45 | Coffee break |
| 15:45-16:30 | Preliminary Framework for the Multi-scale Analysis for Adaptive Environmental Governance: Rethinking 'Multi-scale' Governance and Social Network
Hiroe Ishihara , RIHN |

16:30-17:30 Transdisciplinary sustainability research - relevance, potentials and challenges
Daniel J. Lang, Leuphana University of Lüneburg, Germany

18:30 Reception

January 22 (Tuesday)

9:30-11:30 Round-table Discussion: “Working together with stakeholders —Approaches for co-design and co-production of innovative knowledge towards solutions of global environmental problems”

Moderators: **Itsuki C. Handoh** & **Steven McGreevy**

11:30-11:45 Coffee break

11:45-12:30 Wrap-up

12:30 Closing Remarks