

International Workshop on Resource Nexus and Asia's Great Acceleration

March 10th – 11th, 2019

Research Institute for Humanity and Nature (RIHN)

Seminar Room 3 & 4

Sponsored by

Research Program 1 and International Publication Unit, RIHN

March 10th, 2019, Sunday

Session 1: Resource Nexus and Asia's Great Acceleration

11:00-11:30 The Great Acceleration in Asia: The Resource Nexus and Social Tipping Points

Kaoru Sugihara (RIHN)

11:30-12:00 Transboundary Nexus and Environmental Change

Makoto Taniguchi (RIHN)

12:00-13:00 Discussion led by Takashi Machimura (Hitotsubashi University)

13:00-14:00 Lunch

Session 2: Nexus

14:00-14:30 A System Dynamics Model for the Water-Energy-Food-Land Use-Climate Nexus:

The Case Study of Greece

Chrysi Laspidou (University of Thessaly, Greece)

14:30-15:00 Land-Water-Food NEXUS in Middle Asia

Yonghui Yang (Chinese Academy of Sciences)

15:00-15:15 Coffee break

15:15-15:45 SNAK (Smart Nexus for Agriculture in Korea): Korea Agricultural Nexus Platform

Jin-yong Choi (Seoul National University)

15:45-16:15 Trans-boundary Resource Management Using Multi-scale Water-Energy-Food Nexus
Sanghyun Lee (RIHN)

16:15-17:15 Discussion led by Tetsuji Okazaki (University of Tokyo)

March 11th, 2019, Monday

Session 3: The Period of High Economic Growth in Japan

9:30-10:00 From Shrine to Machine: An Industrial History of Ota City, Tokyo, 1900-1960
Satoru Kobori (Nagoya University)

10:00-10:30 Changes of Local Resource Utilization after 1960: Japan's Medium-term Development
Strategy and Its Impacts
Naoki Masuhara (RIHN)

10:30-10:45 Coffee break

10:45-11:15 Intra-urban Inequalities during Rapid Development: Space Egalitarianism in Postwar
Tokyo
Benjamin Bansal (GRIPS)

11:15-12:15 Discussion led by Linda Grove (Social Science Research Council)

12:15-13:15 Lunch

Session 4: Comparison of Asian Countries

13:15-14:15 Double Tragedy in Tank Irrigation and Groundwater Irrigation in Tamil Nadu, India: an
Example of Vicious Cycle in Energy Water and Food Nexus
Kei Kajisa (Aoyama Gakuin University)

14:15-14:45 The Development Path of Resource rich Countries in Asia: The Case of Oil Palm
Production and Indonesian Economy
Kosuke Mizuno (RIHN)

14:45- 15:00 Coffee break

15:00-15:30 A Brief History of Peat-land Fire in Indonesia: Man-made and Natural Disasters
Osamu Kozan (Kyoto University / RIHN)

15:30-16:00 Discussion led by Kohei Wakimura (Osaka City University)

Session 5: Comparison with the English Industrial Revolution

16:00-16:30 Ecological Footprints in a Historical Perspective: A Methodological Approach
Dimitris Theodoridis (University of Gothenburg, Sweden)

16:30-17:30 General Discussion