

FY2014

JSPS Core-to-Core Program
-Strategic Research Networks-
Research Report

Project No.	23001
Research Theme	Establishment and advancement of Global Meta-Network on Sustainability Science
Duration of Project	April 1st, 2013 ~March 31st, 2016 (36months)
Core Institution in Japan	Integrated Research System for Sustainability Science, Todai Institutes for Advanced Study The University of Tokyo

Implementing Organizations

Country	Japan
Core Institution	Integrated Research System for Sustainability Science, Todai Institutes for Advanced Study The University of Tokyo
Co-Chair (name and title)	Kazuhiko TAKEUCHI, Director/Professor
Number of Cooperating Institutions	1
Cooperating Institutions	Institute for the Advanced Study of Sustainability, United Nations University

Country	Switzerland
Core Institution	Swiss Federal Institute of Technology Zurich
Co-Chair (name and title)	Gerhard SCHMITT, Senior Vice President/Professor of Department Architecture
Number of Cooperating Institutions	0
Cooperating Institutions	
Matching Fund	Basic research program funds

Country	USA
Core Institution	Arizona State University
Co-Chair (name and title)	Sander VAN DER LEEUW, Dean/ Professor of School of Sustainability
Number of Cooperating Institutions	3
Cooperating Institutions	Arizona State University, Massachusetts Institute of Technology, University of Hawaii
Matching Fund	Basic research program funds

Country	Sweden
Core Institution	University of Stockholm
Co-Chair (name and title)	Thomas ELMQVIST, Professor of Stockholm Resilience Centre
Number of Cooperating Institutions	2
Cooperating Institutions	University of Stockholm Resilience Centre, Chalmers University of Technology
Matching Fund	Basic research program funds
Country	Italy
Core Institution	Sapienza University of Rome
Co-Chair (name and title)	Vincenzo NASO, Professor of Institute Research Centre for Sustainable Development
Number of Cooperating Institutions	0
Cooperating Institutions	
Matching Fund	Basic research program funds

Country	France
Core Institution	Aix-Marseille University
Co-Chair (name and title)	Jean-Louis ARMAND, Professor of Department of Mechanical Engineering
Number of Cooperating Institutions	0
Cooperating Institutions	
Matching Fund	Basic research program funds

Result of Program Implementation

The following activities were held during FY2014:

- 1) The International Conference on Sustainability Science (ICSS) seminar organized at the United Nations University headquarters on January 2015. The total number of 91 participants attended from various countries and regions. Particularly, participation of Professors Carl Folke, Harold Mooney, Partha Dasgupta, Mark Stafford-Smith, and Paul Srivastava is remarkable success of ICSS's recognition by the scientific community.
- 2) The Sustainability Science journal encourages the submission of research papers from member universities, preferably, from the collaborative research activities, which is appropriate to the journal.
- 3) Development of joint research through seminar organization and papers submission in Sustainable Science journal. In the course of developing program of ICSS, member universities has contributed several ways to review and summarize recent progress of Sustainability Science research, and identify best speakers in ICSS.

Achievements in FY2014 (Self Review)

ICSS is successfully held and intensive discussions have been achieved. Specially, discussions with various high-level researchers are highly evaluated for the development and recognition of Sustainability Science. The program developed at ICSS 2015 was unique and attractive. Remarkably, the involvement of Future Earth community in ICSS is significant progress and synergistic effect of the project. Sustainability Science journal attained the impact factor of 3.14, the highest IF. Overall evaluations of these project activities are beyond satisfactory level.

Future Plan (Measures toward Achieving Research Objectives)

The next ICSS will be held at South Africa in order to develop new partners in Africa. As the year of the project period, we have to look for an appropriate method to continue our activities. Meeting, journal and collaborative research in Sustainability Science through strong association with other research community (i.e., Future Earth).