

FY2013

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	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	Chalmers University of Technology, Stockholm Resilience Centre
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

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Cooperating Institutions	The University of Arizona,Massachusetts Institute of Technology,University of Hawaii
Matching Fund	Basic research program funds

Country	Italy
Core Institution	Sapienza University of Rome
Co-Chair (name and title)	Vincenzo NASO, Professor of Institute Reserch 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

To accomplish its aims, Integrated Research System for Sustainability Science (IR3S) as initiated the International Conference on Sustainability Science (ICSS). The program has joined other universities throughout the world in yearly hosting ICSS. One of the significant ICSS conferences was held at Marseille, France with a strong leadership by Aix Marseille University.

Sustainability Science journal was successfully amended and published by springer. And we are very happy to inform that the Impact Factor of the journal is now 2.8, which is the highest value since the establishment of the journal. Joint research on Sustainability Science was achieved through organizing ICSS. Numbers of discussions were held in order to design conferences and the results of the conference would be published in Sustainability Science and a special volume. On the other hand, ICSS had organized a student session for the member schools, which was an excellent platform for the students. However, the student participation to this ICSS program is extremely essential.

As a part of ICSS had a symposium in France to discuss the issues, concepts, approaches and methodologies of sustainability science to reframe it within the broad political process, and secondly, to explore ways to strengthen international collaboration for enhancing the science–policy–society interface, which was held at UNESCO headquarter.

### Achievements in FY2013 (Self Review)

- Journal editing
  - Organizing various conferences among the member universities through International Conference on Sustainability Science (ICSS) and a special volume of Sustainable Science.
- So far we have achieved our goals successfully.

### Future Plan (Measures toward Achieving Research Objectives)

- In order to expand the network of Sustainability Science, we would encourage more developing nations to participate our activities.
- Collaboration with Future Earth initiative and carbon-credit-related activities will be planning to promote social innovation through Sustainability Science approach. Such activities will be reported in ICSS and journal.