

**Workshop on
Implementation Science, CASiFiCA and DRH
Young Scientists Session
Tentative Framework
Grand Hotel Bristol, Stresa, Italy**

Day 1 - Sunday, September 16

09:00-12:30 Session on Implementation Science Part 1

Chair: N.Okada and H. Kameda

09:00-09:30 N. Okada:

CASiFiCA as a driver for challenging implementation science

09:30-10:00 H. Kameda:

DRH as a driver for knowledge banking of implementation technology

10:00-10:30 C. Gopalakrishnan:

Developing a perspective for implementation science

10:30-11:00 B. Misra:

Linking issues of regional planning and management to implementation science

11:00-11:15 Coffee break

11:15-11:45 H. Tatano and T. Atsumi:

Discussants' questions and views

11:45-12:30 Open discussions

12:30-14:00 *Lunch --Could be a lunch-on discussion if preferred*

14:00-17:40 Young Scientists Session

Chair: Muneta Yokomatsu

1) Introduction (5 min)

Explanation of the group's concept and objective and the session program.

2) "Research Progress of Young Scientists" (76 min)

Yu Chen, University of Bristol, UK

"A Performance-based Systems Thinking Approach to Managing Uncertainty"

Chunhua Li, Beijing Normal University, China

"An insight into integrated agricultural disaster risk management from the grain yield prediction of Jiangsu Province based on Gray-econometrics model with hazard variables"

Hitoshi Kobayashi, Osaka University, Japan

"Design and practice of re-constructing a community -DATA HANDAI project"

Bo Chen, Beijing Normal University, China

“Case Study of Typhoon-Flood Disaster Chain (July,2006) in Xiangjiang River Basin of China by Field Survey”

3) “Results of Young Scientists Projects” (114 min)

Tao Ye, DPRI, Kyoto University, Japan

“Diversifying Disaster Risk Internationally and Inter-temporally: A Combined Approach”

Koichi Shiwaku , Kyoto University, Japan

“Innovative School Disaster Education”

Coffee break, 10 min

Komal Aryal, Northumbria University, UK, and Hideyuki Shiroshita, DPRI, Kyoto University, Japan

“Local disaster risk, governance and communication of risk information for sustainable disaster risk management: a case study from Nepal”

Subhajyoti Samaddar, DPRI, Kyoto University, Japan

“The Social Network Process of the Diffusion of Innovation – A Means of Coping Mechanism under Disaster Risks”

Mamoru Yoshida, DPRI, Kyoto University, Japan

“Payment scheme based on inspection result for building inspectors”

Muneta Yokomatsu, DPRI, Kyoto University, Japan

“Barriers to Insuring against Disaster in Developing Countries”

4) Comprehensive discussion with audience including senior researchers (10 minutes)

5) Concluding Remarks (5 minutes)

Summary of the discussion.

Dinner (60 minutes)

18:30-20:30 Session on Implementation Science Part 2 18:30-20:30

Chair: N. Okada and P. Shi

Themes to be discussed (examples)

- 1) Plan and practice to start e-journal publication
- 2) Advice and commitments from senior scientists to young scientists
- 3) Concerns, requests and commitments from young scientists to senior scientists
- 4) CASiFiCA and DRH possibilities

- 5) Possible contributions from newcomers
 - a) Presentation by Mr. Dick Fundter, Hogeschool Zeeland /
University of Applied Research Safety Department
“Representation of Natural Disasters, A Key Issue for Research and Technology”
SAND (Systematic Analysis Tool for Natural Disasters)
 - b) Any as suggested

Day 2 - Monday, September 17

09:00-12:30 Session on “CASiFiCA and DRH Challenges Implementaion Science”

Moderators: H. Tatano and T. Atsumi

09:00-10:30 T. Atsumi and K. Yamori:

Challenges from the end of social/human science

Atsumi: Overview from the Perspective of Human Science

Miyamoto: Regional Example from CASiFiCA Chuetsu

Yamori: Comments for the Future from Human Sciences

10:30-12:00 H. Tatano and C. Scawthorn:

Challenges from the end of social engineering science

Scawthorn: <TBA>

Tatano: Problem Oriented Approach for a Process of Implementation

Hatayama: CASiFiCA Activities based on Information Technology

Ikeda: Processes of idea innovation and institutional development in activities of NGOs in the fields of disaster risk reduction: report of a preliminary survey in Nepal.

12:00-12:30 Open discussions: How can we mutually cross each other?

e.g. “Sense the field”, “what- and know-how” to get a “trust visa to community”, risk communications, collaborative modeling, ICT technology, DRH potentials, etc.

Coffee break (15 min)

12:45-14:00 CASiFiCA in Asia: Turkey, Nepal, India, China

Introduction of CASiFiCA in Asia and other case stations:

Lunch-on presentations (visualizing outcomes with prototype digital contents)

Introduction of each case station (10 min.)

- China: Tao Ye (DPRI)
- India: Takeuchi (DPRI)
- Nepal: Shiwaku (EDM)
- Japan (Chukyo): Hideshima (Nagoya Industrial University)
- Japan (Chuetsu): Miyamoto and Kobayashi (Osaka University)
- Turkey: Charles Scawthorn (or someone else) (Kyoto University)
- UK: Shiroshita and Aryal (Northumbria University)
- Other extending challenges (Volunteers are welcome!)

14:00-18:00 DRH-CASiFiCA Coordination Meeting

Chair: Hiroyuki Kameda and Charles Scawthorn

14:00-16:00 *Kameda: DRH Criteria on Disaster Risk Reduction Technology and Knowledge*

Ikeda: DRH Template Guideline

Takeuchi: CASiFiCA Contribution for DRH

Stefan Sheer, NEDIES project, Disaster Reduction Hyperbase Project

“Practices and measures for the reduction of natural risks”

16:00-16:30 *Coffee break*

16:30-17:30 Discussions and Resolutions for Launching DRH Consortium
(Ispra Declaration)

Chair: Norio Okada and Mohsen Ghafory-Ashtiany