

The 9th IIASA-DPRI Conference on Integrated Disaster Risk Management – Scientific Challenges in Implementing Integrated Disaster Risk Management in Changing World

Representative: Norio Okada and Hirokazu Tatano

Date: October 12-16, 2009

Place: Shiran Kaikan and Clock Tower Centennial Hall, Kyoto University, Japan

Organized by Disaster Prevention Research Institute, Kyoto University
International Institute of Applied Systems Analysis

Co-organized by Japan Society for the Promotion of Science
Disaster Reduction Hyperbase
The Global COE Program "Global Center for Education and Research on
Human Security Engineering for Asian Megacities"

Main Speakers (from Disaster Prevention Research Institute):

Norio Okada, Haruo Hayashi, Katsuya Yamori, Muneta Yokomatsu, Hiroshi Kawase,
Takeyoshi Tanaka, Kaoru Takara, Hirokazu Tatano, Michinori Hatayama (Disaster
Prevention Research Institute, Kyoto University)

Main Speakers (from International Institute of Applied Systems Analysis):

Aniello Amendola, Jonanne Linnrooth-bayer, Reinhard MECHLER

A number of participants: About 180

Purpose

This year's conference theme "Scientific Challenges in Implementing Integrated Disaster Risk Management in a Changing World" has been motivated by the need to identify and overcome barriers to the implementation of disaster risk management in a systematic way and to address the ever increasing challenges brought about by a rapidly changing world. Current economic, environmental, and political changes require the disaster risk reduction community to find innovative, cost effective and equitable ways to reduce disaster losses and suffering while promoting sustainable development practices and making communities more resilient.

The conference topics include: Removing obstacles to the implementation of disaster risk management; Modeling integrated disaster risk management; Synergies between disaster risk management and climate change adaptation; Rural versus urban hotspots; Novel insurance options for disaster risk management; Adaptive management / sustainable management options for disaster reduction; Insurance and industry in a changing climate; Business continuity and

disaster loss reduction; Natechs: Experiences from Asia and beyond; Natural hazard threats to industry and critical infrastructure; Using the Disaster Reduction Hyperbase for disseminating technology and knowledge for disaster risk management.

Achievement and Results

There are about 180 people attended to the conference from over 20 different countries. Also, IDRiM society has been founded and it is begin to take new but important role in disaster risk management field.



Group Photo of Participants

第9回 IIASA-DPRI 総合防災に関する国際会議

代表者： 多々納裕一

開催日時： 2009年10月12-16日

開催場所： 京都大学国際交流ホール、芝蘭会館

主催： 京都大学防災研究所、国際応用システム分析研究所

共催： 京都大学 GCOE プログラム「アジア・メガシティの人間安全保障工学」

日本学術振興会、DRH(Disaster Reduction Hyperbase)コンソーシアム

後援： (財)関西エネルギー・リサイクル科学研究振興財団、(財)防災研究協会、国連防災計画(UNISDR)、欧州連合共同研究センター(ECJRC)、内閣府、日本自然災害学会、日本災害情報学会、地域安全学会、地理情報システム学会、日本災害復興学会、京都大学 GCOE プログラム「アジア・メガシティの人間安全保障工学拠点」

参加人数： 約150名

主な参加者 / 防災研究所：

Norio Okada, Haruo Hayashi, Katsuya Yamori, Muneta Yokomatsu, Hiroshi Kawase, Takeyoshi Tanaka, Kaoru Takara, Hirokazu Tatano, Michinori Hatayama

/ 国際応用システム分析研究機構：

Aniello Amendola, Jonanne Linnrooth-bayer, Reinhard MECHLER

/ その他の組織からの参加者

Tomohide Atumi (Osaka University), Walter Ammann (Global Risk Forum Davos, President Mohsen Asthianey International Institute of Earthquake Engineering and Seismology), Andrew Collins (Northumbria University), Mustafa Erdik (Bogazici University), Turkey Adrian (Gheorghe Old Dominion University), Chennat Gopalakrishnan (University of Hawaii), Shuichi Ikebuchi (Japan Weather Association), Saburo Ikeda (National Research Institute for Earth Science and Disaster Prevention), Hiroyuki Kameda (Professors Emeritus, Representative of DRH consortium), Kiyoshi Kobayashi (Kyoto University), Bijaya Anand Misra (Professor Emeritus and Consultant, School of Planning & Architecture), Peijun Shi Beijing (Normal University), Petak William (Professor Emeritus, University of Southern California), Kazuhiro Yoshikawa (Kyoto University, Professors Emeritus)

目的・概要

本国際会議は、総合防災・災害リスク軽減に関する国際会議である。アジア、アフリカ、欧米の合計15カ国から約150名の参加者が見込まれる。専門家と現場の実践家による事例紹介と相互討議を中心として、地球温暖化などの災害環境の変化に対応した適応戦略をはじめ、総合防災に対する要請を包括的に議論することを目的としている。本会議は京都大学防災研究所(DPRI)が国際応用システム分析研究所(IIASA)と共同で、2001年以来毎年継続的に開催してきたものであり、防災研究と現場実践を真に統合するための新たな学問領域である実践適応科学(Implementation Science)を構築し、探求していくための枠組みに関する議論を行うものである。また、本会議は過去10年近くにわたり災害と環境の問題を国際的な舞台で多角的に議論してきた貴重な場であり、今年これを日本で開催することで、我が国のプレゼンスを示す絶好の機会になると自負し

ている。

本シンポジウムでは、災害リスク管理を実践課題、総合リスク管理のモデル化、気候変動と災害リスク管理の相互作用、都市と地方部の災害リスクの比較、災害リスク管理のための新しい保険システム、災害リスクに対する適応的管理/持続的管理、気候変動下での産業保険、災害被害軽減のための事業継続計画、アジア地域における災害の実例報告、重要インフラの災害リスク管理、災害軽減ハイパーベースを利用した技術・知識普及などのテーマをカバーするものであり、総合的リスク管理の観点から被害軽減の枠組みについて議論を行う。

シンポジウムの様子・得られた成果

シンポジウム参加者は、20ヶ国180名を数え、総合防災に関わる多くの研究者が一同に会する国際会議となった。さらに、IDRiM(Integrated Disaster Risk Management) Society を立ち上げ、防災研究の新しいパラダイムを確立するための組織の立上を行った。

Aims and Scope

This year's conference theme "**Scientific Challenges in Implementing Integrated Disaster Risk Management in a Changing World**" has been motivated by the need to identify and overcome barriers to the implementation of disaster risk management in a systematic way and to address the ever increasing challenges brought about by a rapidly changing world. Current economic, environmental, and political changes require the disaster risk reduction community to find innovative, cost effective and equitable ways to reduce disaster losses and suffering while promoting sustainable development practices and making communities more resilient.



Norio OKADA
Disaster Prevention Research
Institute, Kyoto University



Aniello AMENDOLA
IIASA, Laxenburg, Austria



Joanne LINNEROOTH-BAYER
IIASA, Laxenburg, Austria

Access

Kansai International Airport (KIX) to JR Kyoto Station
Limited Express "Haruka", 80 min, 2,980 yen.
JR Kyoto Station to Kyoto University Main Campus

By Taxi

The journey will take about 20 minutes, costs approx 1,800 yen.

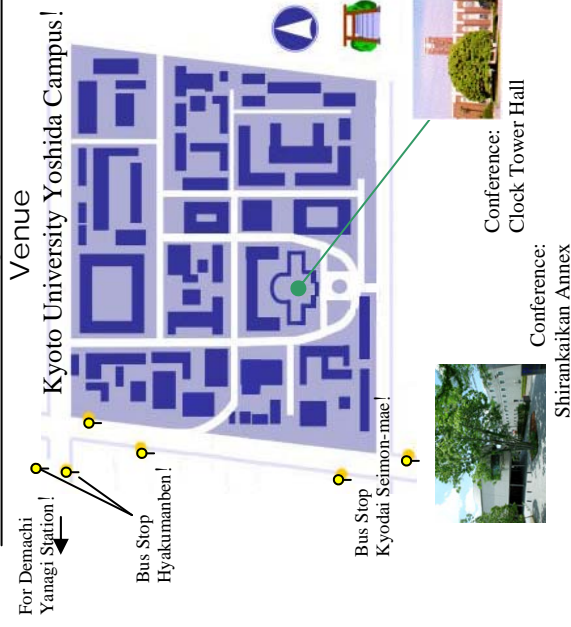
By Kyoto City Bus

The bus ride will take approx 30-35 minutes, costs 230 yen.

206: bound for Kitaouji Bus Terminal.

Get off at "Kyodai Seimon-mae".

17: bound for Ginkaku-ji via Kawaramachi St. Get off at "Hyakumanben".



Contact

For inquiries concerning the conference, please contact Michinori Hatayama.

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Kyoto University

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The first circular
of



The 9th IIASA-DPRI FORUM
on
Integrated Disaster Risk
Management

*"Scientific Challenges in Implementing
Integrated Disaster Risk Management
(IDRIM) in a Changing World"*



October 12-16, 2009

At

Clock Tower Hall and
Shirankaikan Annex,
Kyoto University

Conference Topics

include:

- ≡! Removing obstacles to the implementation of disaster risk management;
- ≡! Modeling integrated disaster risk management;
- ≡! Synergies between disaster risk management and climate change adaptation: Rural versus urban hotspots;
- ≡! Novel insurance options for disaster risk management;
- ≡! Adaptive management / sustainable management options for disaster reduction;
- ≡! Insurance and industry in a changing climate;
- ≡! Business continuity and disaster loss reduction;
- ≡! Natechs: Experiences from Asia and beyond;
- ≡! Natural hazard threats to industry and critical infrastructure;
- ≡! Using the Disaster Reduction Hyperbase for disseminating technology and knowledge for disaster risk management.

Agenda

October 12th

- DRH Consortium International Workshop with Implementation Science for Disaster Risk Reduction

Organizer: Dr. Hiroyuki Kameda

October 13th

- Plenary Session
Removing Obstacles to Implementation, IIASA and DPRJ

- Panel session or plenary sessions

October 14th

- Panels and sessions in parallel
-Plenary Sessions

October 15th

- Panel or parallel sessions
-Rapporteur reports, wrap-up and conference closure

October 16th

- Young Scientists Session
Organizer: Muneta Yokomatsu,
Stefan Hochrainer

IMPORTANT! DATES

July 15th, 2009

Abstract Submission, Special Session Proposal, Workshop Proposal

August 15th, 2009

End of Early Registration (Discounted)

REGISTRATION FEE

	General	Student
Before August 15, 2009	300US\$	200US\$
After August 16, 2009	400US\$	300US\$!

General Chairs

Dr. Aniello AMENDOLA

IIASA, Laxenburg, Austria

Dr. Joanne LINNEROOTH-BAYER

IIASA, Laxenburg, Austria

Prof. Norio OKADA

DPRJ, Kyoto University, Uji, Japan

Program Chairs

Dr. Ana Maria CRUZ NARANJO

International Consultant, Bordeaux, France

Dr. Reinhard MECHLER

IIASA, Laxenburg, Austria

Prof. Hirokazu TATANO

DPRJ, Kyoto University, Uji, Japan

Special Session Chair

Prof. Katsuya YAMORI

DPRJ, Kyoto University, Uji, Japan

Workshop Chair

Prof. Muneta YOKOMATSU

DPRJ, Kyoto University, Uji, Japan

Local Arrangement & Registration

Chair

Prof. Michinori HATAYAMA

DPRJ, Kyoto University, Uji, Japan

SPONSORS

≡! Japan Society for the Promotion of Science

≡! GCOE Program of Human Security

Engineering for Asian Megacities,

Kyoto University

!

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