UCL-IRDR Seminar 2017
Disaster in Japan 2011 - The Latest Research

Roberts Engineering Building (room 106), University College London

Friday 23 June 2017  9:30am - 1:15pm

This seminar will discuss some of the latest Japanese research on the events of 11 March 2011 in the Tōhoku region (the earthquake, tsunami and nuclear release). The work will be presented in the light of the Sendai Framework for Disaster Risk Reduction, the new worldwide framework that was inaugurated in the region four years after the disaster. British research and perspectives on the triple disaster will also be discussed, with special reference to collaborative work with Japanese colleagues.

09:00-09:30  Registration

09:30-09:45  Welcome from the IRDR Director, Prof. Peter Sammonds

09:45-10:15  Keynote talk by Professor Virginia Murray:
"Science for the Sendai Framework for Disaster Risk Reduction"

10:15-11:30  Panel Discussion: THE 2011 GREAT EASTERN JAPAN EARTHQUAKE, TSUNAMI AND NUCLEAR RELEASE
Prof. Tiziana Rossetto (Engineering, UCL)
Prof. Osamu Murao (Tōhoku University)
Prof. Shigeo Tatsuki (Doshisha University)
Dr Naoya Sekiya (The University of Tokyo)

11:30-12:00  Coffee break

12:00-13:15  Special Panel: DISASTER RESEARCH - SPECIFIC ISSUES
Prof. Peter Sammonds (IRDR, UCL)
Dr Hideyuki Shiroshita (Kansai University)
Dr Namiko Minai (Japan Women's University)
Dr Shohei Beniya (University of Hyogo)

Chairpersons: Prof. David Alexander, UCL
Prof. Kenji Koshiyama, Kansai University
UK Participants

Prof. Peter Sammonds, Director, UCL-IRDR

Peter Sammonds is Professor of Geophysics at UCL. His research investigates the mechanics of the Earth's crust and ice sheets by studying the fundamental physics and mechanics of geological materials. He also studies the impacts of climate change and natural hazards. His laboratory work in rock and ice physics is renowned. Peter is the founder and director of UCL’s Institute for Risk and Disaster Reduction.

Prof. David Alexander, Professor of Risk and Disaster Reduction, UCL

David Alexander's books include "Natural Disasters", "Confronting Catastrophe", "Principles of Emergency Planning and Management", "Recovery from Disaster" (with Ian Davis) and "How to Write an Emergency Plan". He is the founding Editor-in-Chief of the International Journal of Disaster Risk Reduction. His research and teaching interests include natural hazards, earthquake disasters, culture and disasters, and emergency planning and management. David Alexander is Vice-President of the Institute of Civil Protection and Emergency Management and a board member of one other learned society and 13 journals.

Prof. Virginia Murray, Honorary Professor, UCL-IRDR

Professor Virginia Murray is Consultant in Global Disaster Risk Reduction at Public Health England and Honorary Professor at UCL. She worked for many years at the UK Health Protection Agency’s Centre for Radiation, Chemicals and Environmental Hazards. Virginia is a leading world expert on disaster risk reduction (DRR) and a renowned and vigorous promoter of international strategies for applying science to DRR.
Consultant in Global Disaster Risk Reduction at Public Health England

Japanese participants

Shigeo Tatsuki, Ph.D, Professor, Department of Sociology, Doshisha University, Japan

Shigeo has conducted community-based participatory disaster research on persons with disabilities (PWD) since the 1995 Kobe Earthquake. He has been actively involved in GIS mapping of PWD, community engagement and empowerment for Disability-inclusive Disaster Risk Reduction. Shigeo served as the president of the Institute of Social Safety Science (ISSS) from 2014 to 2015.

Osamu Murao, Ph.D, Professor, International Research Institute of Disaster Science, Tohoku University, Japan

Dr Osamu Murao is a professor at IRIDeS, Tohoku University, and the founder of the International Strategy for Disaster Mitigation Laboratory (ISDM). He was born in Yokohama in 1965, and studied at Graduate School of Architecture, Yokohama National University. Based on researches at Institute of Industrial Science, University of Tokyo, and University of Tsukuba, he wrote a book, “Architecture, Space, and Disaster,” and received the Prize of Architectural Institute of Japan by “A Series of Studies on Urban and Architectural Space Related to Disaster Management” in 2014.

Naoya Sekiya, Associate Professor, University of Tokyo.

Project Associate Professor of the Center for Integrated Disaster Information Research, Interfaculty Initiative in Information Studies, the University of Tokyo and Visiting Associate Professor of Fukushima University. Majoring Information and Social Psychology of Disaster. Policy and Technical Investigation Advisor at the Secretariat of the Investigation Committee on the Accident at the Fukushima Nuclear Power Stations of Tokyo Electric Power Company, etc.

Shohei Beniya, Ph.D, Associate Professor, University of Hyogo

Shohei Beniya is an associate professor at Graduate School of Disaster Resilience and Governance of University of Hyogo, Japan. He worked as a consultant in public policy and disaster management. His major research includes shelter management, disaster management of local governments and local industry recovery at natural disasters.
**Hideyuki Shiroshita**, Ph.D, Associate Professor, Kansai University

Dr Hideyuki Shiroshita is currently working at Faculty of Societal Safety Sciences, Kansai University in Japan. He has been studying disaster education and has a particular interest in the definition of disaster and disaster education. He is currently carrying out various educational projects and most of these are aiming at changing the fixed relationship between experts on DRR and non-experts.

**Namiko Minai**, Ph.D, Associate Professor, Department of Housing and Architecture, Faculty of Human Sciences and Design, Japan woman’s University (Academic Visitor, Oxford Brookes University)

Namiko is a community planning expert, focusing on residents’ capability of their own community management. Residents’ preparedness is one of the major focuses of the study. She researched Japanese villages, as well as some community recovery process from disaster in some Asian countries. Namiko is also supporting community rehabilitation activities after Tsunami 2011, and prevention activities in one of wooden house residential area in Tokyo.

**Kenji Koshiyama**, Ph.D, Professor, Kansai University (Visiting fellow at UCL-IRDR)

Kenji KOSHIYAMA is a professor, Faculty of Societal Safety Science, Kansai University in Japan. He graduated from Kobe University with BEng (1995) and MEng (1997). He received Ph.D in Eng. (2001) from Kobe University. He has experience in researching housing recovery and urban reconstruction plan in Japan, Mexico, China, Turkey and so on. His research focuses temporary housing environment, housing site location, housing recovery process, public housing provision after disaster, urban recovery process and safety planning for disaster reduction.

**Kaori Kitagawa**, Lecturer, Institute of Education, University College London

Kaori Kitagawa, PhD, is a lecturer with the Department of Education, Practice and Society at the UCL Institute of Education. She is also a research fellow with the Cass School of Education and Communities at the University of East London. Her research interests include preparedness pedagogy, public pedagogy, community learning, volunteering, lifelong learning and comparative education.