

CURRICULUM VITAE (as of May 2017)



Kimiro MEGURO, Ph D.

Director/Professor, Urban Disaster Mitigation Engineering

International Center for Urban Safety Engineering (ICUS),
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Sex: Male
Nationality: Japanese
Date and Place of Birth: September 3, 1962, Fukushima

Dr. Kimiro MEGURO is a Director and Professor of ICUS, established in April 2001 at the Institute of Industrial Institute (IIS), the University of Tokyo (UTokyo) and a President of Japan Association of Earthquake Engineering (JAEE). After receiving his PhD. degree from UTokyo in 1991, he joined International Center for Disaster-Mitigation Engineering (INCEDE) as one of the founding members. ICUS is a successor research center of INCEDE.

Dr. MEGURO has wide range of research field in disaster management and urban safety from structural to non-structural measures. As a specialist of numerical simulation, he has developed several new models by which total behavior of structures and/or materials from a sound state to a complete discrete state can be simulated. Applying these models, he has been studying dynamic failure behavior of structures that is highly nonlinear and very difficult to be simulated by conventional models. While in the other field, or as a specialist of non-structural measures and policy making, he has proposed some important social systems and policies. He has been working on the human evacuation problems during disaster and he has come out with the idea of a new model in which evacuation behavior of large number of people having different characteristics and changes of circumstances of the evacuation field in case of disaster can be simulated. He is also studying the application of new technologies, like virtual reality, GIS/RS, and/or ICT to disaster management and urban safety issues, such as evacuation, fire-fighting drill, risk assessment, disaster information management, and disaster education, etc.

With the expertise in earthquake engineering and disaster management, Dr. Meguro made some useful contributions to both national and international research communities and real societies. He has been serving as a core member of many important committees for disaster management under national and local governmental bodies, private sectors, and academic societies, such as Japan Society for Natural Disaster Science (JSNDS, Vice president), Institute of Social Safety Science (ISSS, Vice President), Japan Society of Civil Engineers (JSCE, Committee member), the Japanese Society for Active Fault Studies (JSAF, Director), Japan Society of Risk Management for Preventive Medicine (JSRMPM, Vice president), Japan Association of Earthquake Engineering (JAEE, President), etc. He has also been a Board Member of the World Seismic Safety Initiative (WSSI), an Undertaking of International Association for Earthquake Engineering (IAEE). By the election in 2014, Dr. Meguro was chosen as the youngest ever President of the JAEE and he is now serving as Special Advisor of Cabinet Office, Government of Japan.

He has authored and co-authored of 50 books including picture books, comics, and map books, etc. and over 1,350 technical papers including conference papers on general field of disaster management and urban safety with the emphasis on earthquake disaster management.

As major awards, he has obtained, The Best Paper of the Year by a Young Researcher from Japan Society of Civil Engineer, JSCE, in 1992, The Cultural Award for Books on Technology and Science from the Business & Technology Daily News, in 1993, The Best Book of the Year from JSCE in 1994, and The Best Paper of the Year from ISSS in 2002, The Best Paper of the Year by the Japanese Geotechnical Society in 2006, Continuing International Contribution Award by JSCE, in 2007, and The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology in 2010, etc.

CURRICULUM VITAE (Simple version, as of May 2017)

Birth Day:

3rd September, 1962

Position:

Director and Professor of ICUS (International Center for Urban Disaster Engineering), established in April 2001 at the Institute of Industrial Institute (IIS), The University of Tokyo (Utokyo)
Special Advisor, Cabinet Office, Government of Japan
President of Japan Association of Earthquake Engineering (JAEE), Vice President of Institute of Social Safety Science (ISSS), Vice President of Japan Society for Natural Disaster Science (JSNDR), Vice President of Japan Society of Risk Management for Preventive Medicine (JSRMPM), Director of the Japanese Society for Active Fault Studies (JSAFS), Board Member of the World Seismic Safety Initiative (WSSI), etc.

Education:

PhD. degree from the University of Tokyo (Utokyo) in 1991, Master degree (Engineering) from (Utokyo) in 1988, Bachelor degree (Engineering) from Musashi Institute of Technology in 1986

Professional career:

1991: Research Associate, INCEDE (International Center for Disaster-Mitigation Engineering), IIS, UTokyo
ICUS is a successor research center after INCEDE.
1995: Associate Professor, IIS, UTokyo
2004-Present: Professor, IIS, UTokyo
2006-2009: Project Professor, Tokyo Institute of Technology (TIT)
2007-Present: Director, ICUS, IIS, UTokyo
2008-Present: Visiting Professor, The Open University of Japan
2010-Present: Professor, Center for Integrated Disaster Information Research (CIDIR), Interfaculty Initiative in Information Studies, UTokyo
2013-Present: Adjunct Professor, United Nations University
2015-Present: President of Japan Association of Earthquake Engineering (JAEE)
2016-Present: Special Advisor, Cabinet Office, Government of Japan

Field of Research:

Disaster management and urban safety from structural to non-structural measures
Numerical simulation (DEM, EDEM, AEM: new models by which total behavior of structures and/or materials from a sound state to a complete discrete state can be simulated accurately.)
Non-structural measures and policy making (some important social systems and policies, human evacuation problems during disaster, Study of application of new technologies, like virtual reality and/or GIS/RS to disaster mitigation and urban safety issues, such as evacuation, fire-fighting drill, risk assessment, education on disaster, etc.)

Social Contribution:

With the expertise in earthquake engineering, Dr. Meguro made some useful contributions to both national and international research communities and real societies. (Core member of many important committees for disaster mitigation under national and local governmental bodies and academic societies in Japan, also a Board Member of the World Seismic Safety Initiative (WSSI), an Undertaking of International Association for Earthquake Engineering (IAEE))

Publications:

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Continuing International Contribution Award by JSCE in 2007,
The University Tokyo President's Award in 2007,
The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology in 2010, etc.