



Kazuyoshi Nishijima

Associate Professor, Disaster Prevention Research Institute
Kyoto University
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EDUCATION

- 2009 **Swiss Federal Institute of Technology Zurich**, Doctor of Sciences, Civil Engineering
Dissertation title: “Issues of Sustainability in Engineering Decision Analysis”
- 2003 **University of Tokyo**, M.Sc., Environmental Studies
- 2001 **University of Tokyo**, B.Sc., Architecture

WORK EXPERIENCE

- 2013 - **Kyoto University**, Kyoto, Japan
Associate Professor, Disaster Prevention Research Institute
- 2011 -2013 **Technical University of Denmark**, Lyngby, Denmark
Associate Professor, Department of Civil Engineering
- 2009 -2010 **Swiss Federal Institute of Technology Zurich**, Zurich, Switzerland
Senior research associate (Oberassistent), Institute of Structural Engineering
- 2007 -2013 **Matrisk GmbH**, Zurich, Switzerland
Consulting engineer, Director
- 2004 -2009 **Swiss Federal Institute of Technology Zurich**, Zurich, Switzerland
Scientific research assistant

RESEARCH AREA

Assoc. Prof. Nishijima has developed research on natural hazards and their risks. Methodological foci are on the probabilistic modeling, analysis of reliability and risk in systems and engineering decision analysis, considering relevant aspects such as economy, environment and human safety. Main applications are:

- Wind resistant design for engineered and non-engineered structures
- Typhoon-induced risk assessment of insurance portfolio
- Real-time operational decision optimization of technical facilities
- Impact assessment of climate change.

AWARDS AND RECOGNITIONS

- Wind Engineering Award for young scientists (Shorei-sho), Japan Association for Wind Engineering, 2005
- Research Fellowship for young scientists (DC1), Japan Society for the Promotion of Sciences (JSPS), 2003-2004
- Scholarship student, Kinoshita scholarship foundation, 1997-2001

DISSEMINATION

- 15 refereed journal papers and 28 reviewed conference papers
- Japanese delegate of ISO/TC98/SC2 ISO3010
- Member of ISO2394:1998 (General Principles on reliability for structures) revision work
- IABSE SC1 committee member
- Co-editor of the Proceedings of the 11th International Conference on Applications of Statistics and Probability in Civil Engineering
- 7 invited talks in academia and industries
- Several consulting works in industrial projects.