

Symposium of the “Cooperative Research by Liaison between Hub Institutes”, 2017
“Construction of a New Paradigm for Improving Accuracy of Risk Evaluation for Large Magnitude Earthquakes”

H29 年東大地震研－京大防災研拠点間連携共同研究シンポジウム
「巨大地震のリスク評価の精度向上に関する新パラダイムの構築」



Program
プログラム



Date & Time: Monday, March 27th and 28th, 2017 平成 29 年 3 月 27 日(月)、28 日(火)
Venue: Kihada Hall, Kyoto University Uji Campus 京都大学宇治キャンパスきはだホール

Day 1 (March 27th, 2017) 13:00-17:30

13:00 Opening address and introduction of the project and the symposium

- Shinichi MATSUSHIMA (Professor, DPRI, Kyoto University, Japan)

13:10 Progress report for FY2016

- Seung Han LEE (Program-Specific Researcher, DPRI, Kyoto University, Japan)

Issues and challenges in risk evaluation and its uncertainty reduction at Osaka and Kochi prefectures against Nankai trough earthquakes

14:10 Invited presentation

- Philippe GUÉGUEN (Senior Researcher, Institut des Sciences de la Terre, France)

Urban Seismology: cross-coupling of nonlinear site response with buildings in cities like environment

15:10 Coffee break

15:30 Invited presentation

- Danijel SCHORLEMMER (Professor, GFZ Potsdam, Germany)

What have we learned and what are the consequences? --- Approach to a data- and test-driven global dynamic seismic hazard and risk model

16:30 Progress report for FY2016

- Hiroshi KAWASE (Professor, DPRI, Kyoto University, Japan)

The damage survey report of AIJ and observed strong ground motions in downtown Mashiki during the 2016 Kumamoto earthquake: Implications for quantitative prediction of building damage

17:30 End of day 1

18:00 Reception

Day 2 (March 28th, 2017) 9:30-17:30

9:30 Invited presentation

- Dun WANG (Professor, China University of Geosciences at Wuhan, China)
High frequency energy radiation of recent large earthquakes as revealed by tele-seismic observations

10:30 Progress report for FY2016

- Hongjun SI (Research Fellow, ERI, University of Tokyo, Japan)
On ground motion evaluation using ground motion prediction equation (GMPE) for subduction-zone earthquakes in Japan

11:30 Lunch

13:00 Invited presentations

- Jean-Paul PINELLI (Visiting Professor, DPRI; Professor, Florida Institute of Technology, USA)
Perspective from the point of view of Hurricane/Typhoon Risk Modeling
- Michiko SHIGEFUJI (Assistant Professor, Faculty of Human-Environment Studies, Kyushu University, Japan)
Evaluation of Strong Ground Motion Characteristics in the Kathmandu Valley for Earthquake Disaster Mitigation -Case Study on the Strong Ground Motion and Damage during the 2015 Gorkha, Nepal Earthquake-

15:00 Coffee break

15:20 Invited presentation

- Seckin Ozgur CITAK (Project Research Scientist, CEAT, JAMSTEC, Japan)
SATREPS MarDiM Project on Earthquake and Tsunami Disaster Mitigation in the Marmara Region and Disaster Education in Turkey

16:20 Discussions on improving accuracy of risk evaluation for large magnitude earthquakes

17:25 Closing remarks

- Hiroshi KAWASE (Professor, DPRI, Kyoto University, Japan)

17:30 End of symposium

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