



# Disaster Prevention Research Institute KYOTO UNIVERSITY

Gokasho, Uji, Kyoto 611-0011, Japan

Phone: +81-774-38- 4308 Fax : +81-774-38-4044



## **Workshop of Tools for Natech Risk Management Program (Draft)**

The Workshop on Tools for Natech Risk Management and the 3rd Natech Symposium will be held on 13 and 14 March, 2017, respectively. The objective of the workshop is to do a hands-on practical demonstration of some available tools for Natech risk assessment, risk mitigation and emergency operations planning for various types of natural hazards. The Symposium will showcase the latest research on Natech risk management and related issues. The Natech workshop will be held at the Disaster Prevention Research Institute of Kyoto University, Uji Campus. The 3rd Natech Symposium will be held at the Nakanoshima Center of Osaka University, in Osaka.

We extend an invitation to all involved in Natech disaster risk reduction and similar topics to take part in these events. Please find the draft program of the workshop below.

More information about the 3<sup>rd</sup> Natech Symposium visit: <http://www.naoe.eng.osaka-u.ac.jp/~kato/isub3-e.htm>

Please be aware of the following deadlines for the 3rd Natech Symposium

Deadline for abstract submission (300-500 words) : 31 January, 2017 Notification of acceptance: 10 February, 2017 Deadline for full paper submission: 28 February, 2017
---



# Disaster Prevention Research Institute KYOTO UNIVERSITY

Gokasho, Uji, Kyoto 611-0011, Japan

Phone: +81-774-38- 4308 Fax : +81-774-38-4044



## Draft Program for Natech Tools Workshop

<b>Uji Campus, Kyoto University</b> <b>March 13, 2017</b>	
9:00 - 9:30	Opening ceremony <i>Kaoru Takara (TBC), Director, DPRI, KU</i> <i>Ana Maria Cruz, DPRI, KU</i> <i>Shin-ichi Aoki, Osaka University</i> <i>Representative of the Colombian Embassy in Japan</i>
9:30 - 10:00	State of the art in Natech Risk Management <i>Maria Camila Suarez, DPRI; Felipe Munoz Giraldo, University of Andes, Colombia;</i> <i>Ana Maria Cruz, DPRI</i>
10:00 - 10:20	<b>Coffee Break</b>
10:20 – 11:00	RAPID-N: Earthquake Natech Risk Assessment <i>Elizabeth Krausmann, Joint Research Centre, European Commission, Italy</i>
11:00 - 11:40	Natech Module in ARIPAR: Benefits and limitations <i>Valerio Cozzani, University of Bologna, Italy</i>
11:40-12:20	Applications of ARIPAR to a refinery subject to earthquake and tsunami hazards in Italy <i>Ernesto Salzano, University of Bologna, Italy</i>
12:20 - 14:00	<b>Lunch</b>
14:00 - 14:40	Damage and Effects Caused by Tsunami Fires <i>Tomoaki Nishino, Building Institute, Japan</i>
14:40 - 15:20	Landslide and Pipeline Natech Risk Assessment Tool <i>Mauricio Sanchez and Felipe Munoz Giraldo, U. Andes, Colombia</i>
15:20 - 16:00	Tool for Assessment of Radiation Hotspots <i>Takeshi Komino, CWS, Japan</i>
16:00 - 16:20	<b>Coffee Break</b>
16:20 - 17:30	Discussion and Wrap-up Panel session Chair: <i>Ana Maria Cruz</i> Panelists: <i>Elizabeth Krausmann, Ernesto Salzano, Valerio Cozzani, Takeshi Komino, Tomoaki Nishino, Naomi Kato, Felipe Munoz, Mauricio Sanchez</i>
17:30 – 17:45	Closing Ceremony



# Disaster Prevention Research Institute KYOTO UNIVERSITY

Gokasho, Uji, Kyoto 611-0011, Japan

Phone: +81-774-38- 4308 Fax : +81-774-38-4044





# Disaster Prevention Research Institute KYOTO UNIVERSITY

Gokasho, Uji, Kyoto 611-0011, Japan

Phone: +81-774-38- 4308 Fax : +81-774-38-4044



## 宇治キャンパス Uji Campus

- 1 北門 North Gate
- 2 南門 South Gate
- 3 宇治おうばくプラザ Uji Obaku Plaza
- 4 新食品素材製造実験室 (農学) Pilot Plant Factory of New Materials for Food Processing (Graduate School of Agriculture)
- 5 材鑑調査室 (生存研) Xylarium (RISH)
- 6 生存圏植物遺伝子特定網室 (生存研) RISH-PGE Special Screened Green House (RISH)
- 7 宇治地区研究所本館 Uji Campus Main Bldg.  
健康科学センター宇治分室 Health Service Uji Branch  
極端気象適応社会教育ユニット Educational Unit for Adaptation to Extreme Weather Conditions and a Resilient Society (GCOE-ARS)  
宇治地区事務所 Administration Office of Uji Campus
- 8 居住圏劣化生物飼育棟 (生存研) Deterioration Organisms Laboratory (RISH)  
木工試験工場 (生存研) Woodworking Shop (RISH)  
製紙試験室 (生存研) Biomass Material Laboratory (RISH)
- 9 木質材料実験棟【木質ホール】 (生存研) Wood Composite Hall (RISH)
- 10 生物機能材料ラボラトリー Bio-nanomaterials Laboratory
- 11 ナノハウス (生存研) NANO-HOUSE (RISH)
- 12 南1号棟 (エネ研) South Bldg. No.1 (IAE)
- 13 エコ住宅 律洞舎 (生存研) Eco-Housing "Ritsushusha" (RISH)
- 14 ナノファクトリー (生存研) Nano Factory (RISH)
- 15 ナノファクトリーII (生存研) Nano Factory II (RISH)
- 16 国際交流会館宇治分館 Uji International House
- 17 南2号棟 (エネ研) South Bldg. No.2 (IAE)
- 18 共同研究棟 (化研) Joint Research Laboratory (ICR)
- 19 宇治総合研究実験棟 Uji Research Bldg.  
バイオインフォマティクスセンター (化研) Bioinformatics Center (ICR)  
生存基盤科学研究ユニット Institute of Sustainability Science
- 20 南3号棟 (エネ研) South Bldg. No.3 (IAE)
- 21 持続可能生存圏開拓診断 (DASH) システム (DASH) 植物育成サブシステム (生存研、生態学研究センター) Development and Assessment of Sustainable Humanosphere (DASH) Plant Growth Subsystem (RISH, Center for Ecological Research)
- 22 製紙試験工場 (生存研) Biomass Refinery Laboratory (RISH)

- 23 超高分解能分光型電子顕微鏡棟 (化研) High-voltage High-resolution Electron Spectromicroscope Building. (ICR)
- 24 極低温超高分解能電子顕微鏡室 (化研) High-Resolution Electron Spectromicroscope Building. (ICR)
- 25 放射実験室 Radiation Laboratory  
量子理工学教育研究センター (工学) Quantum Science and Engineering Center (Graduate School of Engineering)  
エネルギー科学研究科 Graduate School of Energy Science
- 26 工作室 (防災研) Machine Shop (DPRI)
- 27 遠心力載荷実験室 (防災研) Laboratory of Centrifuge Model Test (DPRI)
- 28 UNITWIN 本部棟 (斜面災害研究センター) (防災研) UNITWIN Cooperation Programme Headquarter Building (DPRI)
- 29 人為地震発生装置室 (防災研) Electro-magnetic Shaking Table Laboratory (DPRI)
- 30 生物工学ラボラトリー (化研) Biotechnology Laboratory (ICR)
- 31 北1号棟 (エネ研) North Bldg. No.1 (IAE)
- 32 極低温物性化学実験室 (化研) Low-Temperature Laboratory (ICR)  
低温物質科学研究センター Research Center for Low Temperature and Materials Sciences (LTM)
- 33 キャリアサポートルーム宇治サテライト (Office) (Uji Satellite)
- 34 防災研究所連携研究棟 Collaborative Research Hubs, DPRI
- 35 鋼構造実大試験棟 (防災研) Full-Scale Steel Structure for Field Observation (DPRI)
- 36 強震動観測実験場 (防災研) Strong Motion Observation Test Site (DPRI)
- 37 情報研究棟 (化研) Informatics Bldg. (ICR)
- 38 核酸情報解析棟 (化研) Nucleic Acid Research Bldg. (ICR)
- 39 北2号棟 (エネ研) North Bldg. No.2 (IAE)
- 40 境界層風洞実験室 (防災研) Boundary Layer Wind Tunnel Laboratory (DPRI)
- 41 風洞実験室 (防災研) Wind Tunnel Laboratory (DPRI)
- 42 地震予知研究センター (防災研) Research Center for Earthquake Prediction (DPRI)
- 43 強震応答・耐震構造実験室 (防災研) Earthquake Response Simulation Laboratory (DPRI)
- 44 超空気力学実験室 (工学) Super Air Gasdynamics Laboratory (Graduate School of Engineering)
- 45 宇治地区先端イノベーション拠点施設 Center for Advanced Science and Innovation
- 46 風洞実験室 (工学) Wind Tunnel Laboratory (Graduate School of Engineering)
- 47 北3号棟 (エネ研) North Bldg. No.3 (IAE)
- 48 北4号棟 (エネ研) North Bldg. No.4 (IAE) (Graduate School of Energy Science)

- 49 高度マイクロ波エネルギー伝送実験棟 (生存研) Advanced Microwave Energy Transmission Laboratory (RISH)
- 50 イオン線形加速器棟 (化研) Accelerator Laboratory (ICR)  
レーザー科学棟 (化研) Laser Science Laboratory (ICR)
- 51 宇宙太陽発電所研究棟 (生存研) Solar Power Station / Satellite Laboratory (RISH)
- 52 マイクロ波エネルギー伝送実験棟 (生存研) Microwave Energy Transmission Laboratory (RISH)
- 53 観測機器室 (生存研) Electromagnetic Wave Laboratory (RISH)
- 54 繊維板試験工場 (生存研) Wood-based Material Laboratory (RISH)

### 宇治キャンパスの組織 Research Institutions in Uji Campus

化研	化学研究所 Institute for Chemical Research
エネ研	エネルギー理工学研究所 Institute of Advanced Energy
生存研	生存圏研究所 Research Institute for Sustainable Humanosphere
防災研	防災研究所 Disaster Prevention Research Institute
工学	工学研究科 Graduate School of Engineering
農学	農学研究科 Graduate School of Agriculture
エネ科	エネルギー科学研究科 Graduate School of Energy Science
LTM	低温物質科学研究センター Research Center for Low Temperature and Materials Sciences
	産官学連携本部 Office of Society-Academia Collaboration for Innovation
	学際融合教育研究推進センター Center for the Promotion of Interdisciplinary Education and Research
	極端気象適応社会教育ユニット Educational Unit for Adaptation to Extreme Weather Conditions and a Resilient Society (GCOE-ARS)
	生存基盤科学研究ユニット Institute of Sustainability Science

