



# Final Workshop on J-RAPID-Nepal



June 21<sup>st</sup> and 22<sup>nd</sup>, 2016  
Hotel Yak & Yeti, Kathmandu, Nepal

Co-organized by: Ministry of Population and Environment (MoPE)  
Japan Science and Technology Agency (JST)

Supported by: Embassy of Japan in Nepal

TIME	June 21, 2016
10:00 – 10:30	<b>Registration</b>
10:30 – 10:35	<b>Opening Remarks</b> <i>Dr. Bishwa Nath Oli</i> Secretary, Ministry of Population and Environment (MoPE)
10:35 – 10:40	<b>Greetings from JST</b> <i>Mr. Sotaro Ito</i> Deputy Executive Director, Japan Science and Technology Agency, Japan (JST)
10:40 – 10:45	<b>Greetings from the Embassy of Japan</b> <i>Mr. Shinya Machida</i> Counsellor and Deputy Chief of Mission, Embassy of Japan in Nepal
10:45 – 10:50	<b>Final Report Handover Ceremony</b>
10:50 – 11:00	<b>Photo Session</b>
11:00 – 12:20	<p><b>Presentations (Speaker*)</b></p> <ol style="list-style-type: none"> <li> <p><b>Investigation of ground-motion to damage relationship in the Kathmandu Valley from aftershock and microtremor observations</b></p> <p><b>PI on Japanese side:</b> <i>Kazuki Koketsu*</i>, Professor, Earthquake Research Institute, The University of Tokyo</p> <p><b>PI on Nepali side:</b> <i>Soma Nath Sapkota*</i>, Deputy Director General, Department of Mines and Geology, Ministry of Industry</p> </li> <li> <p><b>Inventory mapping of landslides induced by the Nepal earthquake and hazard mapping of future landslides for making the plan of better reconstruction</b></p> <p><b>PI on Japanese side:</b> <i>Masahiro Chigira*</i>, Professor, Disaster Prevention Research Institute, Kyoto University</p> <p><b>PI on Nepali side:</b> <i>Vishnu Dangol*</i>, Professor, Department of Geology, Tribhuvan University</p> </li> </ol>
12:20 – 13:30	<b>Networking Lunch</b>
13:30 – 15:30	<ol style="list-style-type: none"> <li> <p><b>Investigation of foundation liquefaction susceptibility in the Kathmandu valley</b></p> <p><b>PI on Japanese side:</b> <i>Mitsu Okamura</i>, Professor, Civil and Environmental Department, Ehime University</p> <p><b>Co-PI on Japanese side:</b> <i>Netra Bhandary*</i>, Associate Professor, Civil and Environmental Department, Ehime University</p> </li> </ol>

13:30 – 15:30	<p><b>PI on Nepali side: Surya Narayan Shrestha</b>, Deputy Executive Director, National Society for Earthquake Technology-Nepal (NSET)</p> <p><b>Co-PI on Nepali side: Narayan Marasini*</b>, Project Manager, National Society for Earthquake Technology-Nepal (NSET)</p> <p>4. <b>Emergency survey of the great earthquake impacting on water security in Kathmandu, Nepal</b></p> <p><b>PI on Japanese side: Futaba Kazama*</b>, Professor, Graduate Faculty of Interdisciplinary Research, University of Yamanashi</p> <p><b>PI on Nepali side: Shakya Narendra Man*</b>, Professor, Institute of Engineering Tribhuvan University</p> <p>5. <b>Field investigation research to improve seismic capacity of new and existing Nepalese buildings</b></p> <p><b>PI on Japanese side: Koichi Kusunoki*</b>, Associate Professor, Earthquake Research Institute, The University of Tokyo</p> <p><b>PI on Nepali side: Krishna Kumar Bhetwal</b>, Assistant Professor, Institute of Engineering, Tribhuvan University</p> <p><b>Co-PI on Nepali side: Prakirna Tuladhar*</b>, Department of Urban Development and Building Construction</p>
15:30 – 16:00	<b>BREAK</b>
16:00 – 17:20	<p>6. <b>Investigation of Cryo-geohazards in Langtang Valley, Nepal</b></p> <p><b>PI on Japanese side: Koji Fujita*</b>, Associate Professor ,Graduate School of Environmental Studies, Nagoya University</p> <p><b>PI on Nepali side: Rijan Bhakta Kayastha*</b>, Associate Professor, School of Science, Kathmandu University</p> <p>7. <b>Vulnerability assessment of Kathmandu valley and surrounding areas based on comprehensive damage investigation of the 2015 Gurkha, Nepal earthquake</b></p> <p><b>PI on Japanese side: Kimiro Meguro*</b>, Professor, Institute of Industrial Science, The University of Tokyo</p> <p><b>PI on Nepali side: Ramesh Guragain*</b>, Deputy Executive Director, National Society for Earthquake Technology-Nepal (NSET)</p>
17:30-19:30	<b>Networking Dinner</b>

## Supervision Committee of J-RAPID-Nepal

TIME	June 21, 2016
17:30 – 18:30	<b>Supervision Committee Meeting</b> Supervision Committee Members



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TIME	June 22, 2016
09:30 – 10:00	<b>Registration</b>
10:00 – 12:00	<p><b>Presentations (Speaker*)</b></p> <p>8. <b>Process of Recovery and Housing Reconstruction in Urban and Rural Areas After the Nepal Earthquake</b></p> <p><b>PI on Japanese side:</b> <i>Toshio Otsuki*</i>, Professor, Department of Architecture, Graduate School of Engineering, The University of Tokyo</p> <p><b>PI on Nepali side:</b> <i>Umesh Bahadur Malla*</i>, Executive Member, Shelter &amp; Local Technology Development Centre (SLTDC)</p> <p>9. <b>Reevaluation of seismic vulnerability on historic structures based on damage investigation of the 2015 Nepal earthquake and of retrofitting methods</b></p> <p><b>PI on Japanese side:</b> <i>Junji Kiyono*</i>, Professor, Graduate School of Global Environmental Studies, Kyoto University</p> <p><b>PI on Nepali side:</b> <i>Prem Nath Maskey*</i>, Professor, Institute of Engineering, Tribhuvan University</p> <p>10. <b>Damage Mapping of April 2015 Nepal Earthquake using Small UAV</b></p> <p><b>PI on Japanese side:</b> <i>Hiroshi Inoue*</i>, Principal Senior Researcher, National Research Institute for Earth Science and Disaster Prevention</p> <p><b>PI on Nepali side:</b> <i>Ramesh Guragain</i>, Deputy Executive Director, National Society for Earthquake Technology-Nepal (NSET)</p> <p><b>Co-PI on Nepali side:</b> <i>Gopi Krishna Basyal*</i>, Geographer / Urban Planner, National Society for Earthquake Technology-Nepal (NSET)</p>
12:00 – 13:30	<b>Networking Lunch</b>

13:30 – 15:30	<p><b>11. Field Survey and Development of GIS Database on Rural Areas Affected by the Nepal Earthquake</b></p> <p><b>PI on Japanese side:</b> <i>Machito Mihara*</i>, Professor, Faculty of Regional Environment Science, Tokyo University of Agriculture</p> <p><b>PI on Nepali side:</b> <i>Bim Prasad Shrestha*</i>, Professor, School of Engineering, Kathmandu University</p> <p><b>12. Identification of temporary evacuation sites and relocation of dangerous settlements in the Dolakha District: an approach by hazard mapping</b></p> <p><b>PI on Japanese side:</b> <i>Teiji Watanabe*</i>, Professor, Environmental Earth Science Hokkaido University</p> <p><b>PI on Nepali side:</b> <i>Lalu Paudel*</i>, Professor and Head, Central Department of Geology, Tribhuvan University</p> <p><b>13. Monitoring for ensured communicable disease control on evacuation site</b></p> <p><b>PI on Japanese side:</b> <i>Sakiko Kanbara*</i>, Associate Professor, Graduate School of Nursing, University of Kochi</p> <p><b>PI on Nepali side:</b> <i>Tara Pokhrel*</i>, President, Nursing Association of Nepal</p>
15:30-15:35	<p><b>Wrap Up</b>  <b><i>Dr. Yoshimori Honkura</i></b>  Principal Fellow, Department of International Affairs, Japan Science and Technology Agency, Japan (JST)</p>
15:35 – 15:40	<p><b>Closing Remarks</b>  <b><i>Mr. Sotaro Ito</i></b>  Deputy Executive Director, Japan Science and Technology Agency, Japan (JST)</p>