

Background

In the past decades since the M6.6 Udaypur earthquake of 1988, Nepal has done a great stride in Earthquake Risk Management: there have been tremendous progress in policy formulation, for example development and implementation of the National Building Code, Academic researches and teaching in aspects of earthquake engineering, seismological researches including trenching of active faults and better understanding of the past earthquake events, and earthquakes risk management including earthquake awareness and education, in implementation of earthquake risk reduction initiatives such as the assistance to Municipalities in Building Code implementation, instrumentation and monitoring, and so on. Innovative methodologies and programs have been developed and implemented collectively. There is a visible process of the development of national school of thought.

The approaches and successes of the past had been tested by the Gorkha Earthquake sequence of 2015, and Nepal has learned rich but expensive lessons. It is with this desire to learn collectively from the past, especially the efficiency of our approaches, and then to chart out a future strategy for earthquake risk management in the country, and also to celebrate the successes of the Gorkha Earthquake reconstruction and to critically evaluate the outcome of the approaches adopted, we are organizing this international conference RISK2RESILIENCE. This idea is to design an outline of a future strategy based upon the lessons learned so far in aspects of earthquake risk management in Nepal.

RISK2RESILIENCE Objectives

1. Critically look back at what we all collectively did for Earthquake Risk Reduction & Preparedness in Nepal in the past decades in the Light of 2015 Gorkha Earthquake sequence
2. Critically examine the experience of Earthquake Reconstruction so far, and also
3. Looking forward to help set the Way Forward in the Long Journey of Disaster Risk Management in Nepal

RISK2RESILIENCE themes

The conference is designed as a three-day event with a field trip to the reconstruction sites nearby Kathmandu Valley. The first day will be devoted to learning from the past in which important operators of earthquake risk management initiatives such as the government ministries, academia, private sector business, international development partners and UN system will deliberate on the works done so far, The second day, the conference will listen to exciting accounts of response to the Gorkha earthquake in terms of rescue and relief to early recovery, PDNA researches and development of approaches for reconstruction. A critical evaluation will help develop a consensus on the positive as well as negative learning which will pave way ahead for developing elements of Nepal's approaches, broad contents, and emphasis in the program of earthquake disaster risk management for Nepal. Nepal seeks to develop programs and

refine strategies for the next 12 years based upon the lessons learned and national needs to achieve DRM targets of SFDRR by 2030.

We invite pertinent papers from experts and professionals from relevant fields.

1) Learning from the experiences of past 3 decades

The sessions will include efforts by government agencies, NSET and other Organizations and individuals.

Plenary: Keynote Presentations	<ul style="list-style-type: none"> • National Experiences on ERM • International Experiences on ERM • Initiatives and innovativeness of NSET's long-term efforts
Four Parallel Technical Sessions as per SFDRR Four Priorities	<ul style="list-style-type: none"> • Nepal's journey from Yokohama to Sendai • Earthquake Risk Management Technology for Developing World since 1988 • Udaypur to Gorkha Earthquake: Emergency Management and Response • DRR Policy/Strategy • Earthquake Technologies for Cities, Communities and Households • Risk to Resilience: Paradigm Shift from Response to Mitigation
Four Parallel Panel Discussions Sessions to Develop Consensus on the Experience & Learning of the Past	

2) Understanding the present

Under this theme, experiences of 2015 Gorkha Earthquake and Post-Earthquake Reconstruction will be discussed along with identified gaps and progress. Also, an exercise will be done to carve out a pathway of ERM for Nepal for the next decades in line with SFDRR, Paris Agreement and SDG goals.

Plenary: Keynotes	<ul style="list-style-type: none"> • Gorkha Earthquake What it Testified ?
Three Parallel Technical Sessions on How Gorkha Earthquake Tested Efficiency of Policies, DRR Governace, Risk Reducaiton & Preparedness Efforts	<ul style="list-style-type: none"> • Experiences from Gorkha Earthquake: Emergency Management and Response • Experiences from Gorkha Earthquake: Reconstruction • Experiences from Gorkha Earthquake: Recovery
Two Parallel Technical Sessions: Debating the Experiences	<ul style="list-style-type: none"> • Type Design vs Contractual Solution • In Situ vs Relocation in reconstruction • Gorkha Earthquake Reconstruction: is it SLOW ? • Owner-Driven vs Regimental Construction
Plenary Session: Reconstruction to Sustainable Development	<ul style="list-style-type: none"> • Consensus on what worked and what didn't • Attention from 31 devastated districts to 77 districts of Nepal • Spreading learning of Reconstruction from Singha Durbar to Municipalities • Responsibilities spreading from Mayor to Individual

3) Searching the future

Developing a broad consensus on ERM Strategy for Nepal and bring out a Conference Resolution.

Plenary: Keynotes	<ul style="list-style-type: none"> • Potential Strategies and Priorities that could be suitable in Nepal. In the Light Up Global Frameworks, Advancements Science & Technologies
Four Parallel Technical Sessions as per SFDRR Four Priorities	
Plenary Session:	<ul style="list-style-type: none"> • Presentation & Discussion on Draft ERM Strategy for Nepal for next decade and beyond including; <ul style="list-style-type: none"> - Vision, Mission and Objectives - Science & Technology for DRM - Institution Building - Contextualizing DRM Principles to Federal System of Nepal • Adoption of Conference Resolution & Closing

4) Evidencing the Facts from the Field on Building Back Better

One-day field trip to witness an example of successful for earthquake reconstrction.

Organizers

Ministry of Home Affairs, Nepal (MoHA)
National Reconstruction Authority (NRA)
Nepal Academy of Science and Technology (NAST)
National Society for Earthquake Technology-Nepal (NSET)

Organizing Committee

Chair: Mr. Kedar Neupane, Joint Secretary, MoHA
Co-Chair: Mr. Varun Prasad Shrestha, President, NSET
Convener: Dr. Amod Mani Dixit, General Secretary, NSET
Co-Convener: Mr. Surya Narayan Shrestha, Executive Director, NSET
Members: Mr. Bijay Krishna Upadhyay, Director, NSET
Mr. Ganesh Kumar Jimee, Director, NSET
Prof. Dr. Gokarna Bahadur Motra, Campus Chief, Pulchowk Campus
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Mr. Yam Lal Bhusal, Joint Secretary, NRA
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RISK2RESILIENCE

Nepal's Collective Journey Toward a Safer Future through understanding and integrating disaster risk reduction into development investment, early warning, effective preparedness, and readiness to building back better



Advisors:

The following is the composition of the Advisory Committee to the RISK2RESILIENCE Conference.

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| 1. Dr. Achyut Sapkota | 14. Mr. Rajesh Thapa |
| 2. Dr. Binod Shrestha | 15. Mr. Reshmi Raj Pandey |
| 3. Prof. Dr. Binod Tiwari | 16. Mr. Shambhu KC |
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NSET
Earthquake Safe Communities in Nepal

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Technical Committee:

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| 1. Dr. Basanta Raj Adhikari | 7. Prof. Dr. Prem Nath Maskey |
| 2. Dr. Bishnu Hari Pandey | 8. Dr. Ramesh Guragain |
| 3. Mr. Dwarika Shrestha | 9. Dr. Soma Nath Sapkota |
| 4. Dr. Hari Ram Parajuli | 10. Mr. Shreeram Singh Basnet |
| 5. Ms. Hima Shrestha | 11. Mr. Surya Bhakta Sangachhe |
| 6. Dr. Narayan Prasad Marasini | |

Timelines/Key dates for you and us:

Second Circular:	This circular was created on 15 March 2018
Confirmation to attend:	Kindly confirm ASAP. For those who have already expressed their intention to attend, kindly remain in contact for further communications.
Confirmation to speak:	Kindly confirm ASAP Deadline - April 21, 2017 For those who have already expressed their intention to speak, kindly remain in further communications.
Submission of Abstract:	April 25, 2018
Third Circular:	May 15, 2018
Paper write-up submission:	June 01, 2018
Presentation Submission:	June 10, 2018

Conference Secretariat:

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An International Conference on Experience of Earthquake Risk Management, Preparedness and Reconstruction in Nepal
18-21 June 2018, Kathmandu

Learning from the Past 3 Decades
Understanding the Present
Searching the Future

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