

# Experience of Earthquake Risk Management, Preparedness and Reconstruction in Nepal June 18-20, 2018

# Day 3 : Wednesday, June 20, 2018 (Asadh 5, 2075)

# **Setting the Future**

### a) Keynote Session Day 3

Time/ Day	Day 3: Wednesday, June 20, 2018 (Asadh 6, 2075)
	Theme: Setting the Future
	Strategies and priorities for ERM in Federal Democratic Republic Nepal
	(Hall: Nepa Dhuku)
9:00-10:30	Keynote Opening by Dr. Amod Mani Dixit
	Session Chair: Mr. Yuba Raj Bhusal, Chief Executive Officer, National Reconstruction Authority
09:00-09:20	Keynote (KN 11): "Lessons/pointer- coordination, communication, effectiveness as revealed - GQ
	(Cluster, Logistic &NEOC)" by Ministry of Home Affairs
09:20-09:40	Keynote (KN12): "Insurance for Natural Perils – A Solution for Nepal?" - Anselm Smolka, Senior
	Advisor, Global Earthquake Model, Italy
09:40-10:00	Keynote (KN13): "IRDR and 3 decades in China" - Dr. Han Qunli, Executive Director, Integrated
	Research on Disaster Risk (IRDR)
10:00-10:20	Keynote (KN14): "Active Fault- seismological reserches for regilience infrastructure development
	in Nepal" - Dr. Soma Sapkota, Deputy Director General, Department of Mines and Geology
10:20-10:40	Keynote (KN15): "Effective Disaster Risk Management Mechanisms in Different Level of
	Governance: Experiences from Japan" - Prof. Kimiro Meguro, Director, ICUS, IIS, The University
	of Tokyo
	Session Coordinator: Mr. Ganesh Kumar Jimee, Director, DPER/NSET
	Rapporteur: Ms. Manisha Pantha, TMDS, DPER/NSET

### b) Panel Discussion Day 3

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Day 3: Wednesday, June 20, 2018 (Asadh 6, 2075)
Theme: Setting the Future
Panel Discussion (PD) 9
Enhancing close links among research, education, implementation and local agencies
(Hall: Olive Garden)
SESSION OBJECTIVES:
To identify the gaps in communication among institutions/sectors
To determine the effective coordination mechanism among the stakeholders
Moderator: Mr. Jeevan Baniya, Social Science Baha
Panelists:
Prof. Dr. Prachanda Man Pradhan, Kathmandu University (KU)
2. Mr. Chandra Bahadur Shrestha, Nepal Reconstruction Authority (NRA),
3. Mr. Madan Sundar Shrestha, Mayor, Madhyapur Thimi Municipality
4. Mr. Suraj Shreshta, Senior Engineer, Dharan Metropolitan City
6. Dr. KatieJ. Oven, Durham University
7. Dr. Ravindra Dhakal, Nepal Academy of Science and Technology (NAST)
8. Mr. Shanmukhesh C. Amatya, Department of Water Induced Disaster Management(DWIDM)
Session Coordinator: Mr. Dev Kumar Maharjan, CEO, ESS
Rapporteur: Ms. Rashmi Dhal, Urban Planner, ESS
Summary
Lunch Break

	Day 3: Wednesday, June 20, 2018 (Asadh 6, 2075)
	Theme: Setting the Future
11:00-12:30	Panel Discussion (PD) 10
	Problems of DRR in infrastructure and critical facilities and Ways for Enhancing Disaster
	Resilience (Hall: Gosaikunda)
	Session Objectives
	To assess the present institutional preparedness of different government organizations for
	possible disaster
	• To discuss the future plan of governmental institution to cope with disaster.
	To discuss the increasing complexity of infrastructures and their interconnectivity.



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	including Critical Facilities

- The increasing awareness of the importance of Critical Infrastructures for Disaster Risk Reduction (DRR)
- To find a common understanding on way forward

#### Key questions:

- What are current practices of earthquakes consideration for seismic resilience infrastructure in the country?
- What is the present institutional preparedness of different government organizations for possible disaster?
- What is the future plan of governmental institution to cope with disaster?
- Is there any urgent need of updating of current standards and code for infrastructure including critical facilities? Is there any initiation for this?
- What are problems and challenges for DRR in infrastructure and what needs to be done for future?
- How to update our infrastructure systems in the coming years that helps to improve the quality of life for future generation?
- Is there any collaboration with international organization for Research and Development activities for resilience infrastructure?
- Is there Emergency Plans, training of employees and emergency drills as well as back-upsystem in case of disaster?

Chair: Mr. Saroj Kumar Pradhan, DOR

Moderator: Dr. Mohan Prasad Acharya, Sr. Geotechnical Engineer, NEA Engineering company

#### Panelists:

- 1. Mr. Kulman Ghising, Director, Nepal Electricity Authority
- 2. Mr. Anand Raj Khanal, Director, NTA
- 3. Mr. Dilli Adhikari, Dy. Manager, NTC
- 4. Mr. Mani Raj Dahal, Chief Engineer, Clean Energy Consultants (Hydro power)
- 5. Engineer from KUKL (Narayan Sir)
- 6. Mr. Chhabi Ram Khanal, Civil Aviation Authority, Tribhuvan International Airport

Session Coordinator: Ms. Kirty Tiwari Jaisi, Sr. Structural Engineer, NSET Rapporteur:

Summary

12:30-13:30 Lunch Break

	Day 3: Wednesday, June 20, 2018 (Asadh 6, 2075)
	Theme: Setting the Future
11:00-12:30	Panel Discussion (PD) 11
	Updating National Building Code: Factors to Consider, Research to Undertake, Mechanism for
	Updating
	(Hall: Begnas)
	SESSION OBJECTIVES:
	The main objective of this panel session is to provide a forum for professionals to discuss on
	various attributes of building code update in Nepal.
	The specific objectives are
	To share the current status of building code implementation in Nepal
	To share the current process of building code update in Nepal
	To share the international practice of building code update
	To understand the challenges and constraints in the context of Nepal
	To find a common understanding on way forward
	Key Questions:
	What factors need to be considered in updating building code? (From past earthquake
	experiences and revisions/practices/standards in other countries these include but not limited to
	seismic hazard, Soil condition, design standards, detailing requirements etc.
	2. What kind /level of research is required and how these research result into input to the building
	code update
	3. What are the key information and knowledge we need to update the code?
	4. How does our current practice updating building code go with standard international practice
	addressing the challenges and constraint in the context of Nepal



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	Chair: Prof. Dr. Prem Nath Maskey, Institute of Engineering Co-Chair: Mr. Dwarika Shrestha, Joint Secretary, Ministry of Urban Development Moderator: Dr. Bishnu Hari Pandey, Faculty, Civil Engineering, BCIT
	Panelists:
	1. Dr. Richard Sharpe, Senior Technical Director, BECA, New Zealand
	2. Mr. Jitendra Bothara, Technical Director - Seismic Engineering, Miyamoto International NZ Ltd.
	3. Dr. Sanjeev Shah, President, SeaNep
	4. Dr. Susan Hough, Seismologist, USGS
	5. Dr. Youb Raj Poudel, Project Director, CLPIU, MOUD
	6. Dr. Bishnu Hari Pandey, Faculty, Civil Engineering, BCIT
	7. Dr. Deepak Chamlagain, Tribhuvan UniversitYY
	Session Coordinator: Ms. Hima Shrestha, Division Director, EERT/NSET
	Rapporteur:
	Summary
12:30-13:30	Lunch Break

## Side Event 2: Young Scientists' Forum on DRR in Nepal

11:00-12:30	Side Event 2
	Young Scientists' Forum on DRR in Nepal
	(Hall: Rara)
	Chair: Dr. Han Qunli, Executive Director, IRDR
	Co-Chair: Prof. Alex Densmore, Durham University
	Panelist:
	1. Mr. Dipendra Gautam, Structural and Earthquake Engineering Reasearch Institute(SERI)
	2. Ms. Rita Thakuri, Executive Secretary, NSET
	3.Mr. Kuber Bogati, Structural Engineer, HRRP/NSET
	4. Mr. Kapil Bhattarai, Civil Engineer, NSET
	5,
	Ignite Presentation (6 Nos)
	Poster Publication (10 Nos)
	(Jury: Chair, Co-Chair and Panelist)
	Session Coordinator: Mr. Ranjan Dhugel, Program Manager, Baliyo Ghar, NSET
	Summary
12:30-13:30	Lunch Break

### c) Plenary: Draft Resolution

	Day 3: Wednesday, June 20, 2018 (Asadh 6, 2075) Theme: Searching the Future (Hall Nepa Dhuku)
13:30-15:30	Plenary: 4 Moderator: Mr. Kunda Dixit, Editor, Nepali Times 1 Reporting of the Various Technical Sessions and Panel Discussions 2. Read Out of The Draft Resolution, Time (15 minutes) for Reading and Internalizing, 3. Discussion and Critique 4. Adoption of R2R Resolution
	Panelists: 1. Dr. Brian Tucker, President, Geohazard International 2. Mr. Pitambar Sharma, 3. Dr. Swarnim Wagle, 4. Prof. Vinod Sharma, 5. Prof. Dr. Jibraj Pokhrel 8. Mr. Kishore Thapa, 9. MOHA



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	Read out of Draft Resolution
	Discussion
	Adoption of Draft Resolution
15:30-16:00	Tea Break

### d) Closing Ceremony

16:00-16:30	Chair: Mr. Prem Kumar Rai, Secretary, MOHA
16:00-16:10	Report on R2R Proceeding, Dr. Amod Mani Dixit, Convener, R2R
16:10-16:15	Concluding address, Dr. Jibraj Pokharel, VC, NAST
16:15-16:20	Concluding Address, Mr. Yuba Raj Bhusal, CEO, NRA
16:20-16:30	Vote of Thanks: Mr. Prem Kumar Rai, Secretary, MOHA
	Free Time