

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

1 Detail Sessions Plan

Date	Name of Halls				
	Nepa Dhuku, Main Building	Olive Garden, Main Building	Gosaikunda, Main Building (1 st Floor)	Begnas, Annex Building	Rara, Main Building (1 st Floor)
Day 1, June 18, 2018	Opening Ceremony	Technical Session 1	Technical Session 2	Technical Session 3	TS Technical Session 4
		Panel Discussion 1	Panel Discussion 2	Panel Discussion 3	Panel Discussion 4
Day 2, June 19, 2018	Historical Earthquake	Technical Session 5	Technical Session 6	Technical Session 7	Technical Session 8
		Technical Session 9	Technical Session 10	Technical Session 11	Technical Session 12
		Panel Discussion 5	Panel Discussion 6	Panel Discussion 7	Panel Discussion 8
Day 3, June 20, 2018	Closing Ceremony	Panel Discussion 9	Panel Discussion 10	Panel Discussion 11	Young Scientists Forum

2 Detail Program

Day 1 : Monday, June 18, 2018 (Asadh 4, 2075)

Learning from the Past

a) Opening Session

Time/ Day	Day 1: Monday, June 18, 2018 (Asadh 4, 2075) Theme: Learning from the Past
8:00-09:00	Registration
9:00-10:30	Opening Ceremony (Hall: Nepa Dhuku) Chief Guest: Hon. Minister Ram Bahadur Thapa "Badal", Ministry of Home Affairs (MOHA)
9:00-9:05	National Anthem
9:05-9:15	Welcome Remarks: Dr. Amod Mani Dixit, Convener, Risk2Resilience and General Secretary, National Society for Earthquake Technology (NSET)
9:15-9:20	Inauguration of the Conference by Chief Guest
9:20-9:30	Address by Mr. Yuba Raj Bhusal, Chief Executive Officer, National Reconstruction Authority (NRA)
9:30-9:40	Address by Prof. Dr. Jibaraj Pokhrel, Vice Chancellor, Nepal Academy of Science and Technology (NAST)
9:40-9:50	Address by the Chief Guest
9:50-10:00	Closing Remarks: Mr. Prem Kumar Rai, Secretary, Ministry of Home Affairs (MOHA)
10:15-10:30	Group Photograph
	Master of Ceremony: Mr. Surya Narayan Shrestha, Executive Director, NSET Session Rapporteur: Ms. Hima Shrestha, Director, EERT, NSET
10:30-11:00	Tea/Coffee Break

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

b) Keynote Session Day 1

Time/ Day	Day 1: Monday, June 18, 2018 (Asad 4, 2075) Theme: Learning from the Past
11:00-12:40	A) Learning from the Past: Keynotes (Hall: Nepa Dhuku) Keynote Opening Session Chair: Dr. Amod Mani Dixit
11:00-11:20	Keynote 1 (KN 1): "Policy Intervention and National Building Code Implementation" - Mr. Reshmi Raj Pandey, Chief Secretary, Province 3, Government of Nepal
11:20-11:40	Keynote 2 (KN 2): "Hazard and Risk Studies during the Development of National Building Code" - Dr. Richard Sharpe, Senior Technical Director, BECA, New Zealand
11:40-12:00	Keynote 3 (KN 3): "Midway into NSET's First Half-Century" - Dr. Brian E. Tucker, President, GeoHazards International, USA
12:00-12:20	Keynote 4 (KN 4): "Parliamentarians for Enhancing Political Commitments for DRM" - Dr. Ganga Lal Tuladhar, Former Minister of Education, Nepal
12:20-12:40	Keynote 5 (KN 5): "Strategies for Reducing Earthquake Risk in Nepal: A Proposed Blueprint for Improved Earthquake Monitoring and Interagency Coordination" - Dr. Susan Hough, Seismologist, United States Geological Survey, USA
	Session Coordinator: Ms. Nisha Shrestha, M&E Manager, NSET Rapporteur: Mr. Kapil Bhattarai, Engineer, NSET
12:40-13:30	Lunch Break

c) Technical Sessions Day 1

Time/ Day	Day 1: Monday, June 18, 2018 (Asad 4, 2075) Theme: Learning from the Past
13:30-15:30	Technical Session (TS) 1 SFDRR Priority 1: Understanding Disaster Risk (Hall: Olive Garden)
	SESSION OBJECTIVES 1. Critically look back what we all collectively have accomplished in the past 3 decades in Disaster Risk Reduction in Nepal and what were the hindrances and challenges. 2. Looking forward to the opportunities in accelerating and improving Disaster Resilience in Nepal.
13:30-13:35	Chair: Prof. Dr. Binod Tiwari, California State University, USA
13:35-13:50	"History Seismic Monitoring, Lessons & challenges Dialog NSC" - Mr. Lok Bijay Adhikari, Chief, National Seismological Center, Department of Mines and Geology
13:50-14:05	"PSHA (Nepal) for National Building Code Updates" - Dr. Deepak Chamlagain, Trichandra Campus, Tribhuvan University
14:05-14:20	"Micro-tremors Survey for Micro-zonation Purpose in Kathmandu Area" - Dr. Franco Pettenati, Geophysicist/ Seismologist, OGS, Italy
14:20-14:35	"Risk Study During National Building Code formulation 1994" - Dr. Richard Sharpe, Senior Technical Director, BECA, New Zealand
14:35-14:50	"Buildings of Nepal as Revealed - Gorkha Earthquake" - Dr. Ramesh Guragain, Deputy Executive Director, National Society for Earthquake Technology-Nepal
14:50-15:05	"Seismic Characteristic of Historical Buildings in Nepal" - Prof. Prem Nath Maskey, Institute of Engineering, Tribhuvan University
15:05-15:20	"Seismic Ground Improvement with Soil-reinforcement Panels - Potential non-destructive Seismic Retrofitting Technique for Soft Clay Sites" - Prof. Dr. Binod Tiwari, California State University, USA
15:20-15:35	"The Development of Nepal's Earthquake Early Warning System" - Dr. Garry de la Pomerai, Solution System, Dubai
15:35-15:45	Q/A
	Session Coordinator: Mr. Dev Kumar Maharjan, CEO, Earthquake Safety Solutions (ESS) Rapporteur: Mr. Rabin Chaulagain, Structural Engineer, NSET
15:45-16:00	Tea/Coffee Break

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

Time/ Day	Day 1: Monday, June 18, 2018 (Asadh 4, 2075) Theme: Learning from the Past
13:30-15:30	Technical Session (TS) 2 SFDRR Priority 2: Strengthening Disaster Risk Governance to Manage Disaster Risk (Hall: Gosaikunda)
	SESSION OBJECTIVES 1. Share past experiences on Disaster Risk Governance in Nepal. 2. Critically review the accomplishments and consolidate lessons.
13:30-13:35	Chair: Dr. Mahendra Subba, Former DG DUDBC
13:35-13:50	"Advancement of Disaster Policies in Nepal: Natural Calamity Relief Act 1982 to DRR&M 2017, Strategies, Action Plan" - Mr. Umesh Dhakal, Under Secretary, Ministry of Home Affairs
13:50-14:05	"National Building Code for Improving Seismic Performance of All Buildings – Mr. Shambhu KC, Joint Secretary, MoUD "
14:05-14:20	"Efforts Towards Safer Urbanization" - Dr. Mahendra Subba, Former Director General, DUDBC
14:20-14:35	"Requirement for Mandatory Seismic Resilience of Private Hospitals" - Mr. Bibek Sigdel, Engineer, DUDBC
14:35-14:50	Children Safety and Community Resilience/CCDRR - Ms. Pramila Subedi, Save the Children
14:50-15:05	"How Vyas could do National Building Code Implement Components and History of Efforts and Challenges" - Mr. Baikuntha Neupane, Mayor, Vyas Municipality
15:05-15:30	Q/A
	Session Coordinator: Mr. Khadga Sen Oli, Advocate and Outreach Manager, NSET Rapporteur: Mr. Mahanand P. Timalaina, Sr. Communication Officer, NSET
15:30-16:00	Tea/Coffee Break

Time/ Day	Day 1: Monday, June 18, 2018 (Asadh 4, 2075) Theme: Learning from the Past
13:30-15:30	Technical Session (TS) 3 SFDRR Priority 3: Investing in DRR for Resilience (Hall: Begnas)
	SESSION OBJECTIVES 1. Share past experiences on Disaster Risk Governance in Nepal. 2. Critically review the accomplishments and consolidate lessons.
13:30-13:35	Chair: Mr. Sushi Gyewali, Former CEO, NRA
13:35-13:50	"SESP assessment and Preparedness (ADB UNICEF ,Plan and Save the children)" - Mr. Dilip Shekhar Shrestha, CLPIU, National Reconstruction Authority
13:50-14:05	"NBC implement in Dharan Metropolitan City: Approaches, Strategies, Achievements and Lessons Learnt" - Mr. Suraj Shrestha, Sr. Engineer, Dharan Metropolitan City
14:05-14:20	"CBDRM - What Worked and What Didn't (Analyses of the case of Kirtipur, KMC Ward 17, LDRMP development and in action" - Mr. Bijay Krishna Upadhyay, Director, NSET
14:20-14:35	"Efforts of media in Disaster Risk Communication, Success Achieved and Challenges Faced" - Mr. Shreeram Singh Basnet, DRR Journalist
14:35-14:50	"Disaster Risk Reduction Efforts of Private Sector Businesses of Nepal and Achievements Made"
14:50-15:05	"The Need for a Comprehensive Thought on Urban Regeneration/Reconstruction, RSLUP, and Reconstruction of Cultural Heritage" - Mr. Surya Bhakta Sangachhe, Sr. Technical Advisor, NSET
15:05-15:35	Innovation in Earthquake Risk Management in Nepal – <ul style="list-style-type: none"> • Mason Training on Earthquake-resistant Building Construction • Shake Table Demonstration • Annual Earthquake Safety Day (ESD) • Simple Earthquake Damage/Loss Scenario and Action Planning for Earthquake Risk Management Facilitation - Ms. Nisha Shrestha Mr. Bal K Kasula, Trained Mason Ms. Kopila, NSM, Women Group Mr. Rabindra Lal Mul, Engineer, Vyas Municipality
15:35-15:45	Q/A
	Session Coordinator: Ms. Nisha Shrestha, M&E Manager, NSET Rapporteur: Ms. Aditi Dhakal, Urban Planner, NSET
15:45-16:00	Tea/Coffee Break

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

Time/ Day	Day 1: Monday, June 18, 2018 (Asadh 4, 2075) Theme: Learning from the Past
13:30-15:30	Technical Session (TS) 4 SFDRR Priority 4: Disaster Preparedness for Effective Response, Build Back Better (BBB) in Recovery, Rehabilitation and Reconstruction (Hall: Rara)
	SESSION OBJECTIVES To discuss on: 1. Current status of response mechanism, the hindrances and challenges in the past 3 decades in Disaster Risk Reduction. 2. Disaster preparedness and response during Gorkha Earthquake 2015 by different organizations. 3. Strengthening the existing capacity of the rescue force like Nepal Army, Nepal Police and Armed Police Force.
13:30-13:35	Chair: DIG Thule Rai, Nepal Police
13:35-13:50	"Learning from the Experience of Past 3 Decades" - Mr. Daya Ram Shrestha, Section Officer, Ministry of Home Affairs
13:50-14:05	"Disaster Preparedness and Response of Nepalese Army" - Nepali Army
14:05-14:20	"Disaster Preparedness and Response of Nepal Police" - DSP Sameer Kharel, Nepal Police
14:20-14:35	"Disaster Preparedness and Response of Nepal Armed Police Force" - Nepal Armed Police Force
14:35-14:50	"Disaster Preparedness of Nepal Red Cross Society" - Mr. Bhoj Raj Ghimire, Senior Program Officer, NRCS
14:50-15:05	"Experience of Kathmandu Metropolitan City on Disaster Preparedness" - Mr. Indra Man Suwal, Kathmandu Metropolitan City
15:05-15:20	"Program for Enhancement of Emergency Response/Disaster Preparedness Emergency Response contribution for Preparedness for Emergency Response" - Mr. Aditya Tamang, Civil Engineer, NSET
15:20-15:30	Q/A
	Session Coordinator: Mr. Ganesh Kumar Jimee, Director, DPER Division, NSET Rapporteur: Ms. Maritess Tandingan, Dy. COP, PEER Program, NSET
15:45-16:00	Tea/Coffee Break

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

d) Panel Discussion Day 1

Time/ Day	Day 1: Monday, June 18, 2018 (Asadh 4, 2075) Theme: Learning from the Past
16:00 -17:30	Panel Discussion (PD) 1 SFDRR Priority 1: Understanding Disaster Risk (Hall: Olive Garden)
	SESSION OBJECTIVES 1. Critically look back what we all collectively have accomplished in the past 3 decades in risk identification and loss estimation in Nepal and what were the hindrances and challenges. 2. Looking forward to the opportunities in accelerating and improving risk identification and loss estimation in Nepal.
	Key Questions 1. What has been done as a research in the field of hazard, vulnerability and risk and loss estimation? What is the status of these works? 2. There are many risk assessments done by many organizations. Is it necessary? Which agency is responsible for standardizing it? 3. There are lots of hazard maps prepared by different organizations. This creates confusion to the users. In this context, is there any standard procedure laid by the Nepal Government for standardization of this work? And how reliable those maps are? 4. Is there any standard guideline to use those maps by the local government? 5. How these maps are helpful to policy formation and planning the risk reduction strategy? How helpful for actual risk reduction? 6. How local government can contribute to improve those maps? 7. The research that is done during the past decades has been translated to the action or not? What shall be done so that research done can be translated into action? 8. What should be done by different stakeholders (researchers, academia, central government and local government for better understanding the risk and act accordingly.
	Moderator: Dr. Ramesh Guragain, Deputy Executive Director, NSET
	Panelists: 1. Mr. Dwarika Shrestha Joint Secretary, Ministry of Urban Development 2. Mr. Rabindra Lal Mul, Engineer, Vyas Municipality 3. Mr. Rudra Tamang, Joint Secretary, Ministry of Federal Affairs and General Administration 4. Mr. Janak Raj Joshi, Joint Secretary, Ministry of Agriculture, Land Management and Cooperatives 5. Mr. Rajendra Khanal, Director General, Department of Mines and Geology 6. Prof. Kimiro Meguro, Director, ICUS, IIS, University of Tokyo
	Session Coordinator: Mr. Dev Kumar Maharjan, CEO, ESS Rapporteur: Mr. Aashis Tiwari, Engineer, NSET
	Summary

Time/ Day	Day 1: Monday, June 18, 2018 (Asadh 4, 2075) Theme: Learning from the Past
16:00 -17:30	Panel Discussion (PD) 2: SFDRR Priority 2: Strengthening Disaster Risk Governance to Manage Disaster Risk (Hall: Gosaikunda)
	SESSION OBJECTIVES 1. Share past experiences on Disaster Risk Governance in Nepal. 2. Critically review the accomplishments and consolidate lessons.
	Key Questions: • What are the main efforts on Disaster Risk Governance in the past 3 decades? • What are the major accomplishments? • What went well and what needs improvement? - What are the strengths? What are the gaps identified? What could be the remedies? - What are the major lessons?
	Chair : Mr. Prem Kumar Rai, Secretary, MOHA
	Moderator: Mr. Jagadish Kharel, Journalist, Media Helpline
	Panelists: 1. Hon Ram Narayan Bidari, Member, National Assembly 2. Mr. Shiva Hari Sharma, Director General, Department of Urban Development and Building Construction (DUDBC)

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

	<p>3. Dr. Hari Lamsal, Joint Secretary, Ministry of Education 4. Dr. Dipendra Raman Singh, Chief, Hospital Emergency Operation Center HEOC, Ministry of Health 5. Prof. Dr. Meen B. Poudyal Chhetri, President, Nepal Centre for Disaster Management 6. Mr. Ram Prasad Bhattarai, Vice Chair, Disaster Preparedness Network Nepal (DPNet) 7. Dr. Brian E. Tucker, President, GeoHazard International, USA 8. Mr. Surya Narayan Shrestha, Executive Director, NSET</p> <p>Session Coordinator: Mr. Khadga Sen Oli, Advocacy and Outreach Manager, NSET Rapporteur: Mr. Mahananda Timilsina, Sr. Communication Officer, NSET</p>
	Summary

Time/ Day	Day 1: Monday, June 18, 2018 (Asadh 4, 2075) Theme: Learning from the Past
16:00 -17:30	<p>Panel Discussion (PD) 3: SFDRR Priority 3: Investing in DRR for Resilience (Hall: Begnas)</p> <p>SESSION OBJECTIVES The session aims to answer the following questions: 1. What were the challenges and opportunities in the past 3 decades in Disaster Risk Reduction in Nepal? 2. What could be the way forward for the strategic Investment in DRR by different stakeholders in Nepal?</p> <p>Key Guiding Questions: 1. What has been done so far in DRR across sectors and across time? For eg: • For disaster risk reduction measures in critical facilities, in schools and hospitals and physical infrastructures. • For risk reduction activities at the local level, provincial level, central level. • For revision of existing or the development of new building codes and standards and rehabilitation and reconstruction practices at the national or local levels. • For mainstreaming of disaster risk assessments into land-use policy development and implementation. • For the allocation of the necessary resources for the development and the implementation of disaster risk reduction strategies, policies, plans, laws and regulations in all relevant sectors.</p> <p>Moderator: Sunil Koirala, Journalist, All 3 Media</p> <p>Panelists: 1. Mr. Mani Ram Gelal, DDG DUDBC 2. Mr. MinMan Shrestha, GS, NLHDA 3. Mr. Bidhya Sunder Shakya, Mayor, KMC 4. Mr. Deepak Sharma, Director, DOE 5. Mr. Gehendra Gurung, Team Leader, Practical Action 6. Mr. Anand Nepal, CEO, Jagadamba Steel 7. Mr. Hareram Shrestha, President, NEA</p> <p>Session Coordinator: Ms. Nisha Shrestha, M&E Manager, NSET Rapporteur: Mr. Kapil Bhattarai, Civil Engineer, NSET</p>
	Summary

Time/ Day	Day 1: Monday, June 18, 2018 (Asadh 4, 2075) Theme: Learning from the Past
16:00 -17:30	<p>Panel Discussion (PD) 4: SFDRR Priority 4: Disaster Preparedness for Effective Response, Build Back Better (BBB) in Recovery, Rehabilitation and Reconstruction (Hall: Rara)</p> <p>SESSION OBJECTIVES To discuss on: 1. Current status of response mechanism, the hindrances and challenges in the past 3 decades in Disaster Risk Reduction. 2. Disaster preparedness and response during Gorkha Earthquake 2015 by different organizations.</p>

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

3. Strengthening the existing capacity of the rescue force like Nepal Army, Nepal Police and Armed Police Force.
1. Accomplishments in the past 3 decades in the field of DRM <ul style="list-style-type: none">• What have we done to reduce disaster in past 3 decades?• Which areas were mainly focused for DRM, if any?• Are you satisfied with the accomplishment on DRM? 2. Hindrances and challenges in the past 3 decades in DRM <ul style="list-style-type: none">• What were the challenges in the past three decades?• What became the main obstacles in the path of DRM?• Which was the most difficult sector to work with during DRM planning? 3. Opportunities in accelerating in DRM <ul style="list-style-type: none">• What were the emerging areas that you encounter in the way to DRM?• What can be the opportunities which can be used as sources of DRM?• Who were mostly benefitted other than the local population during steps to DRM? 4. Future strategies for making Nepal disaster resilient <ul style="list-style-type: none">• What should we do to make Nepal disaster-safe?• How can we solve the shortcoming that were noticed during DRM?• Which sector should be more active in making Nepal disaster resilient?
Moderator: Mr. Kalpana Bhandari, Journalist, Watch Dog Media
Panelists <ul style="list-style-type: none">1. Mr. Kedar Neupane, Joint Secretary, Ministry of Home Affairs2. Mr. Jit Gurung, Brig Gen, Nepali Army3. Mr. Thule Rai, DIG, Nepal Police4. Representative, Armed Police Force (APF), Nepal5. Mr. Dharmaraj Pandey, NRCS6. Representative, Social Welfare Council7. Prof. Vinod Kumar Sharma, Hon. Vice Chairman, Sikkim State Disaster Management Authority (SSDMA), India
Session Coordinator: Ms Maritess Tandingan, Dy. COP, PEER Program, NSET Rapporteur: Ms. Manisha Pantha, Course Material Development Specialist, NSET
Summary

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

Day 2 : Tuesday, June 19, 2018 (Asadh 5, 2075)

Understanding the Present

a) Keynote Session Day 2

Time/ Day	Day 2 : Tuesday, June 19, 2018 (Asadh 5, 2075) Theme: Understanding the Present (Hall: Nepa Dhuku)
	Session Chair: Prof. Dr. Jiba Raj Pokharel, Vice-Chancellor , Nepal Academy of Science and Technology
9:00-9:20	Keynote 6 (KN6): " Post Earthquake Reconstruction in Nepal" -Mr. Yuba Raj Bhusal, CEO, National Reconstruction Authority
9:20-9:40	Keynote 7 (KN7): "Earthquake-triggered landslides: what have we learned and what do we need to know?"
9:40-10:00	Keynote 8 (KN8): "Earthquake Reconstruction - What was good and what could have been better done - Government, International Development Partners, Bilateral Aid Agencies, Multilateral Aid Agencies, Insurance case of Pakistan and Nepal" - Ms. Maggie Stephenson, DRR Expert, Ireland
10:00-10:20	Keynote 9 (KN9): "International Collaboration to Nepal in Strengthening Capacities in DRM" – Ms. Wenny Kusuma, Representative UN Women and Acting UN Resident Coordinator
10:20-10:40	Keynote 10 (KN10): "Main Ingredients of Successful Disaster Risk Reduction: An Analytical Review of Efforts in Developing Countries since 1990s" - Prof. Vinod Kumar Sharma, Hon. Executive Vice Chairman, Sikkim State Disaster Management Authority (SSDMA)
	Session Coordinator: Dr. Narayan Marasini, Sr. Manager, NSET Rapporteur: Mr. Ayush Baskota/ Pramod Khatiwada, District Coordinator/ Engineer, Baliyo Ghar Program, NSET
10:40-11:00	Tea/Coffee Break

b) Technical Session Day 2

	Day 2: Tuesday, June 19, 2018 (Asadh 5, 2075) Theme: Understanding the Present
11:00- 12:40	Technical Session (TS) 5 SFDRR Priority 1: Understanding Disaster Risk (Hall: Olive Garden)
	SESSION OBJECTIVES 1. Critically look back what we all collectively have accomplished in the past 3 decades in Disaster Risk Reduction in Nepal and what were the hindrances and challenges. 2. Looking forward to the opportunities in accelerating and improving Disaster Resilience in Nepal
11:00- 11:05	Chair: Prof. Dr. Tara Nidhi Bhattarai, Tribhuvan University
11:05-11:20	"Soils of Kathmandu" - Dr. Narayan Marasini , Sr. Manager, NSET
11:20-11:35	"Contribution of Nepal Geological Society in Disaster Risk Reduction in Nepal in the Past 3 Decades" - Dr. Kabiraj Paudel, President, Nepal Geological Society
11:35-11:50	"Architectural Structural Survey for Restoration of Historical Construction Damaged - Nepal Earthquake of 2015" - Prof. Toshikazu Hanazato, Mie University, Japan
11:50-12:05	"Scientific Evidence for DRM in Nepal and the Lessons from Gorkha Earthquake: What has been done, What remains to be done" - Dr. Rabindra Prasad Dhakal, Nepal Academy of Science and Technology
12:05-12:20	"GeoHazrad Risk Assessment of earthquake affected settlements" - Mr. Steven Revill, Department of Mines and Geology and National Reconstruction Authority
12:20-12:35	"Contribution of Geological and Seismological Researches to DRR in Nepal" - Dr. Sudhir Rajaure, Deputy Director General, Department of Mines and Geology
12:35-12:45	Q/A
	Session Coordinator: Mr. Dev Kumar Maharjan, CEO, ESS Rapporteur: Mr. Prayash Malla, Structural Engineer, EERT, NSET
12:45-13:30	Lunch Break

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

	Day 2: Tuesday, June 19, 2018 (Asadh 5, 2075) Theme: Understanding the Present
11:00-12:40	Technical Session (TS) 6 SFDRR Priority 2: Strengthening Disaster Risk Governance to Manage Disaster Risk (Hall: Gosaikunda)
	SESSION OBJECTIVES 1. To discuss on the pertinent issues, challenges and opportunities towards disaster resilient communities to minimize the future impacts of large-scale disaster in Nepal. 2. To find out a common understanding among the major stakeholders on current status of Disaster Risk Governance (DRG) in Nepal by taking into account the Federal System of government. 3. To share the impact of NSDRM 2009 and DRRM Act 2017 in the response and recovery of Gorkha Earthquake 2015. 4. To provide a critical look to the existing national capacity of response and recovery from mega disasters and lessons from Gorkha Earthquake 2015. 5. To share the current status of Mainstreaming Disaster Risk Reduction in the health sector development plan. 6. To share the experience of mainstreaming disaster risk reduction and climate change adaptation in the municipal planning system. 7. To find a common understanding on way forward.
11:00-11:05	Chair: Dr. Ganga Lal Tuladhar, Former Minister of Education
11:05-11:20	"Lessons from Gorkha Earthquake on Mainstreaming DRR and CCA in the Municipal Governance of Nepal" - Mr. Rishi Acharya, Under Secretary, Ministry of Federal Affairs and General Administration
11:20-11:35	"National Capacity for Responding to Mega Disasters with Reference to Gorkha Earthquake 2015 and Reconstruction" - Mr. Sushil Gyewali, Former CEO, National Reconstruction Authority
11:35-11:50	"Mainstreaming DRR in the Health sector, Success and Challenges as Learned from Gorkha Earthquake Response and Recovery" - Er. Subash Kumar Bhattarai, Policy Development Advisor (Health Infrastructure), Nepal Health Sector Support Programme
11:50-12:05	"How does the provisions of DRR and Management Act 2017 ensure disaster resilience at the three level of federal governance in Nepal including the grassroots communities" - Dr. Ganga Lal Tuladhar, Former Minister of Education
12:05-12:20	"Nepal's Stride in DRM since 1990: A Neutral overview from a Regional Observer" - Mr. Loy Rego, Former Deputy Executive Director, Asian Disaster Preparedness Center
12:20-12:30	Q/A
	Session Coordinator: Mr. Bijay Krishna Upadhyay, Director, NSET Rapporteur: Ms. Aparajita Gautam, Communication Officer, NSET
12:30-13:30	Lunch Break

	Day 2: Tuesday, June 19, 2018 (Asadh 5, 2075) Theme: Understanding the Present
11:00-12:40	Technical Session (TS) 7 SFDRR Priority 3: Investing in DRR for Resilience (Hall: Begnas)
	SESSION OBJECTIVES 1. To share past experiences on Disaster Risk Governance in Nepal. 2. Critically review the accomplishments and consolidate lessons.
11:00-11:05	Chair: Mr. Surya Bhakta Sangachee, Sr, Technical Advisor, NSET
11:05-11:20	"Wishes of a Mayor to Make The Municipality Earthquake/Disaster Resilient" - Mr. Chitra B. K.C., Mayor, Sainamaina Municipality
11:20-11:35	"Lessons of NBC implementation as revealed - Gorkha EQ" - Mr. Manoj Nakarmi, Senior Division Engineer, Department of Urban Development and Building Construction
11:35-11:50	"DFID/UK Government's Support for Resilience and Reconstruction: Results, Impacts and Lessons" - Mr. Magnus Wolfe Murray, Reconstruction Adviser, DFID
11:50-12:05	"USAID/OFDA's contribution towards Resilience and Disaster Risk Reduction in Nepal" - Mr. Santosh Gyawali, AID Development Program Specialist, USAID Nepal
12:05-12:20	"Experience of Addressing Disaster Risk in the Past in Nepal and How It Helped Nepal" - Mr. Ramraj Narsimha, CDRMP, UNDP Nepal
12:20-12:35	"Addressing Disaster Risk in the Past and How It Helped to respond during Gorkha Earthquake: Lessons from DIPECHO Programs" - Ms Kiriti Ray, Program Coordinator, Care Nepal (DIPECHO)

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

12:35-12:45	Q/A
	Session Coordinator: Ms. Nisha Shrestha, M&E Manager, NSET Rapporteur: Mr. Nirajan Budathoki, Data Analyst, NSET
12:45-13:30	Lunch Break

	Day 2: Tuesday, June 19, 2018 (Asadh 5, 2075) Theme: Understanding the Present
11:00-12:40	Technical Session (TS) 8: SFDRR Priority 4: Disaster Preparedness for Effective Response, Build Back Better (BBB) in Recovery, Rehabilitation and Reconstruction (Hall: Rara)
	SESSION OBJECTIVES 1. To discuss on current status of response mechanism, the hindrances and challenges in the past 3 decades in Disaster Risk Reduction. 2. Disaster preparedness and response during Gorkha Earthquake 2015 by different organizations. 3. Strengthening the existing capacity of the rescue force like Nepal Army, Nepal Police and Armed Police Force.
11:00-11:05	Chair: Brig. Gen Jit Gurung, Nepal Army
11:05-11:20	"Lessons, Partner Coordination, Communication; Effectiveness in Gorkha EQ (Cluster Coordination, Logistic, NEOC)" - Mr. Shankar Hari Acharya, Under Secretary, National Emergency Operation Center, Ministry of Home Affairs
11:20-11:35	"Private Sector Preparedness" - National Business Initiatives (NBI)
11:35-11:50	"Importance of Hospital Preparedness as Revealed by the Gorkha Earthquake and the Need of BBB of Health Facilities in Nepal" - Prof. Dr. Pradeep Vaidya, Institute of Medicine
11:50-12:05	"Addressing People with Disabilities issues in Disaster Risk Management" - Mr. Kiran Shilpakar, President, National Association of Physical Disabled
12:05-12:20	"Experiences in preparedness and Response from Chetrapati Clinic - Ward No. 17" - Dr. Kulesh Thapa, Chetrapati Clinic
12:20-12:35	"Empowering Community for Earthquake Risk Reduction" - Ms. Sunita Shakya, President Kirtipur women Network
12:35-12:45	Q/A
	Session Coordinator: Mr. Ganesh Kumar Jimée, Director, DPER Division, NSET Rapporteur: Mr. Sanju Sharma, Training Coordinator, DPER Division, NSET
12:45-13:30	Lunch Break

	Day 2: Tuesday, June 19, 2018 (Asadh 5, 2075) Side Event on Earthquakes in South Asia: Lessons from History
11:00-13:30	(Hall: Nepa Dhuku)
	The purpose of the workshop is to facilitate productive conversation between academic historians and stakeholders in disaster management. The long-term goal is to help disaster managers and NGOs to understand the social and political aspects of earthquakes, particularly the historical causes of vulnerability, the long-term consequences of relief and reconstruction policies, and the potential of historical case studies to provide examples of best/worst practice. SIDE EVENT OBJECTIVES: 1. To put forward the preliminary results of the Broken Ground project in a way that is relevant to DRR stakeholders 2. To give the participants an opportunity to feedback to the project team which aspects of historical research they will find useful 3. To facilitate networking among participants and the project team Feedback that the participants give to the project team will feed into the project team's production of a Policy Brief, to be written in 2019, in a way that will be most beneficial to stakeholders. It is hoped that working together on the workshop will consolidate the working relationship between NSET and the project principal investigator, Dan Haines. This could lay the groundwork for future collaborations.
11.00-11.10	Welcomes and brief on session

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

11.10-11.30	Presentation on background of project, including time for participants to ask questions for clarification: Project team
11.30-11:45	Presentation on initial ideas of how historical studies can inform DRR practice: Project team presents
11.45-12.15	Breakout groups: critique the presentation: - Which suggestions were useful? - How could they be improved? What other areas should the project team explore?
12.15-13.00	Open discussion
13.00-13.15	Participants to fill out questionnaire
13.15-13.30	Close of Session
Lunch Break	

Day 2: Tuesday, June 19, 2018 (Asadh 5, 2075) Theme: Understanding the Present	
13:30-15:30	Technical Sessions (TS) 9 SFDRR Priority 1: Understanding Disaster Risk (Hall: Olive Garden)
	SESSION OBJECTIVES 1. Critically look back what we all collectively have accomplished in the past 3 decades in Disaster Risk Reduction in Nepal and what were the hindrances and challenges. 2. Looking forward to the opportunities in accelerating and improving Disaster Resilience in Nepal.
13:30-13:35	Chair: Prof. Narendra Khanal, Tribhuvan University
13:35-13:50	"GEM – A Global Model for Local Collaboration with NSET and Nepal" - Dr. Anselm Smolka, Advisor, Global Earthquake Model
13:50-14:05	"Current Status on the GMPE for Nepal and the Needs to further Research" - Mr. Surya Narayan Shrestha, Executive Director, NSET
14:05-14:20	"2017 Update of the JICA study on the Earthquake Risk of Kathmandu Valley from 2002: Major Findings and the Next Steps" - Mr. Ram Prasad Bhandari, Program Manager, JICA
14:20-14:35	" Monitoring Landslides after the 2015 Gorkha Earthquake: perspective on future risk:" - Prof. Dr. Nick Rosser, Durham University, UK
14:35-14:50	"Living with landslide risk citizen science for decision-making in post-earthquake Nepal:" – Dr. Katie J. Oven, Durham University, UK
14:50-15:05	"Flood Risk Assessment and Mitigation" - Dr. Mandira Shrestha, ICIMOD
15:05-15:20	"Distribution Characteristics of Seismic Hazard and Its Influence on Railway Location of Duijagnyan-Four Girls Mountain Area, in Sichuan, China and Its Implication on Nepal's Infrastructure Development" - Mr. Chunwei Sun, PhD Candidate, Faculty of Geosciences and Environmental Engineering, Southwest Jiaotong University, Chengdu, Sichuan, China.
15:20-15:30	Q/A
	Session Coordinator: Mr. Dev Kumar Maharjan, CEO, ESS Rapporteur: Mr. Prakash Guragain, Structural Engineer, ESS
15:30-16:00	Tea/Coffee Break

Day 2: Tuesday, June 19, 2018 (Asadh 5, 2075) Theme: Understanding the Present	
13:30-15:30	Technical Session (TS) 10 SFDRR Priority 2: Strengthening Disaster Risk Governance to manage Disaster Risk (Hall: Gosaikunda)
	SESSION OBJECTIVES 1. To discuss on the pertinent issues, challenges and opportunities towards disaster resilient communities to minimize the future impacts of large-scale disaster in Nepal. 2. To find out a common understanding among the major stakeholders on current status of Disaster Risk Governance (DRG) in Nepal by taking into account the Federal System of government. 3. To share the current state of Knowledge on DRG in Nepal. 4. To make conceptual clarity and refinement of DRG approach in Nepal.

RISK2RESILIENCE

Nepal's Collective Journey towards a Safer Future

International Conference on

Experience of Earthquake Risk Management, Preparedness and Reconstruction in Nepal

June 18-20, 2018

	5. To understand the challenges and constraints to strengthen the DRG to manage the disaster risk in the context of Nepal. 6. To find a common understanding on way forward.
13:30-13:35	Chair: Mr. Kedar Neupane, Joint Secretary, Ministry of Home Affairs
13:35-13:50	"LDCRP Guideline: Updating Policies, Federalization and Development of DRM Responsibility to The Local Governments" - Mr. Suresh Adhikari, Joint Secretary, MOFAGA
13:50-14:05	"DRM in National Development Planning in Nepal" - Mr. Shiva Ranjan Paudyal, Director, National Planning Commission
14:05-14:20	"Adaptation of Banking Policy for Enhancing Disaster Resilience of Nepalese Housing" - Mr. Upendra Poudyal, Director Nabil Bank Limited/ Director National Banking Institute/ Regional Representative for Asia Pacific - Global Alliance for Banking on Values, Netherlands
14:20-14:35	"Current States of Insurance Proliferation in Commercial and Individual Schemes and Needs for Improvement" - Mr. Bhoj Raj Sharma, Expert in Insurance Business, Insurance Board
14:35-14:50	"Comprehensive School Safety Master Plan" - Mr. Meghnath Sharma, Under Secretary, Ministry of Education, Science and Technology
14:50-15:05	"Overview of Disaster Risk Governance in Nepal" - Mr. Vijaya P. Singh, Environment, Energy and Disaster Reduction Unit, UNDP Nepal
15:05-15:30	Q/A
	Session Coordinator: Dr. Narayan Marasini, Senior Manager, NSET T Rapporteur: Ms. Aparajita Gautam, Communication Officer, NSET
15:30-16:00	Tea/Coffee Break

	Day 2: Tuesday, June 19, 2018 (Asadh 5, 2075) Theme: Understanding the Present
13:30-15:30	Technical Session (TS) 11 SFDRR Priority 3: Investing in DRR for Resilience (Hall: Begnas)
	SESSION OBJECTIVES 1. To share past experiences on Disaster Risk Governance in Nepal. 2. Critically review the accomplishments and consolidate lessons.
13:30-13:35	Chair: Dr. Bishnu Hari Pandey, Faculty, Civil Engineering, BCIT
13:35-13:50	"Improving Seismic Performance of Public Buildings in Nepal" - Ms. Hima Shrestha, Director, NSET
13:50-14:05	"DRM in the Higher Technical Education of Nepal - Achievement, Challenges and Opportunities" - Prof. Nagendra Sitaula, Centre for Disaster Studies, Institute of Engineering, Tribhuvan University
14:05-14:20	"Earthquake Engineering Education, Research in Nepal: Achievement and Challenges" - Prof. Kamal Bahadur Thapa, Institute of Engineering, Tribhuvan University
14:20-14:35	"Lessons from 1995 Kobe Earthquake Implemented in Nuwakot Post 2015 Gorkha Earthquake Through Disaster Risk Reduction Education by Team Hyogo, Japan" - Prof. Seiji Suwa & Genta Nakano, Team Hyogo, Japan
14:35-14:50	"School Construction as Catalysts for Community Change" - Dr. Rebekah Paci-Green & Dr. Bishnu Hari Pandey
14:50-15:05	"Experimental Study on Seismic Retrofitting of Masonry with Reinforced Coating" - Mr. Kenjiro Yamamoto, University of Tokyo
15:05-15:20	"DRM in Education Research in Nepal"
15:20-15:30	Q/A
	Session Coordinator: Ms. Nisha Shrestha, M&E Manager, NSET Rapporteur: Ms. Priyanka Singh, Civil Engineer, TSBCIN, NSET
15:30-16:00	Tea/Coffee Break

	Day 2: Tuesday, June 19, 2018 (Asadh 5, 2075) Theme: Understanding the Present
13:30-15:30	Technical Session (TS) 12 SFDRR Priority 4: Disaster Preparedness for Effective Response, Build Back Better (BBB) in Recovery, Rehabilitation and Reconstruction (Hall: Rara)
	SESSION OBJECTIVES

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

	<p>1. To review the achievements on Build Back Better and on the overall dimensions of ongoing reconstruction.</p> <p>2. To review overall reconstruction progress, deterrents faced and major steps which should be taken in coming days to achieve timely success as well as institutionalization of the achievements.</p>
13:30-13:35	Chair: Dr. Hari Ram Parajuli, Executive Member, National Reconstruction Authority
13:35-13:50	"Experience of Earthquake Reconstruction - What was right and What went wrong?" - Mr. Manohar Ghimire, Under Secretary, National Reconstruction Authority
13:50-14:05	"Reconstruction of Heritage" - Mr. Suresh Suras Shrestha, Under Secretary, Department of Archeology
14:05-14:20	"Housing Reconstruction Progress and Lessons" - Dr. Youb Raj Poudyal, Project Director, CLPIU, National Reconstruction Authority
14:20-14:35	"Experience from Pakistan" - Ms Maggie Stephenson, DRR Expert, UK
14:35-14:50	"Reconstruction Coordination Efforts" - Mr. Loren Lockwood, Housing Reconstruction and Rehabilitation Platform
14:50-15:05	"Lessons on Technical Support for Earthquake Reconstruction" - Ranjan Dhungel, Program Manager, Baliyo Ghar, NSET
15:05-15:20	"Lesson learnt, Best Practices of Reconstruction Through the Eyes of the Communities" - Ms. Bronwyn Russel, Project Manager, Inter Agency Common Feedback Project, United Nation
15:20-15:45	Q/A Session Coordinator: Mr. Ranjan Dhugel, Program Manager, Baliyo Ghar, NSET Rapporteur: Mr. Manish Raj Gouli, Civil Engineer, NSET
15:40-16:00	Tea/Coffee Break

c) Panel Discussion Day 2

	<p>Day 2: Tuesday, June 19, 2018 (Asadh 5, 2075) Theme: Understanding the Present</p>
16:00-17:30	<p>Panel Discussion (PD) 5 Cause of Death due to Gorkha Earthquake : Lessons on Duck Cover and Hold (Hall: Olive Garden)</p> <p>SESSION OBJECTIVES To share the findings of research on the causes of deaths and injuries (CDI) in the 2015 Gorkha Earthquake Nepal. This research was conducted by Save the Children in cooperation with Health Research and Social Development Forum with support from Red Cross, National Society for Earthquake Technology-Nepal (NSET), RiskRed and Nepal Risk Reduction Consortium (NRRC) during 2016-2017. On the backdrop of national debate triggered by some reported observations that conventional drop-cover-hold (DCH) method of emergency procedure to be followed during the earthquake event prescribed by national and international agencies did not work effectively and in some incidents, became counter-productive. This panel discussion will provide a platform to share the issue among policy makers, disaster risk management (DRM) professionals and educators based on factual data collected in course of research. The panel discussion will also provide an opportunity to walk through the report that does not only present the findings of field-based survey on CDI but also recommends course of actions by individuals, communities, agencies and government for effective preparedness and emergency procedures.</p>
	Chair: Mr. Shiva Prasad Upreti, Former Under Secretary, DOE
	<p>Panelist: 1) A joint presentation on research by : Dr. Bishnu Hari Pandey, British Columbia Institute of Technology Dr. Sushil Chandra Baral HERD International 2) Comments and review by: Mr. Ganesh Kumar Jimée, Director, DPER Division, NSET Dr. Rebekah Paci-Green, Co-Director, Risk Red Mr. Kiran Nepal, Editor Himal Khavar Patrika Mr. Rajendra Dahal, Editor Shikshak Masik Mr. Saroj Khadka, Survivor of Gorkha Earthquake by DCH Mr. Udhav Risal, Parent</p>
	Session Coordinator: Mr. Bijay Krishna Upadhyay, Director, NSET Rapporteur: Ms. Omkala Khanal/ Sushil Pandit , Social Development Officer, NSET

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

Summary	
	Day 2: Tuesday, June 19, 2018 (Asadh 5, 2075) Theme: Understanding the Present
16:00-17:30	Panel Discussion (PD) 6 Need for national programs on CO-seismic hazards/landslide /floods (Hall: Gosaikunda)
	SESSION OBJECTIVES <ul style="list-style-type: none"> • To discuss on the pertinent issues, challenges and opportunities towards earthquake induced landslide, debris flow to minimize the future impacts of its large-scale especially in hilly and mountainous region. • To find out a common understanding on way forward for national program on assessing and managing the risk of geohazards. • serve as a basis for convening series of discussions, workshops and press releases as part of common course of action on need of Nepal's national program on co-seismic hazards.
	Key Questions: <ul style="list-style-type: none"> • What are the main geohazards induced by the 2015 Gorkha Earthquake and its level of impact? • How they carried out their study/restoration project including damage assessment, documentation of existing condition? • What is the best method in our context to conduct the detail geohazards mapping and risk assessment? • How can we involve all key stakeholders in the process of identification and implementation of effective mitigation measures? • Is there any national standards and guidelines exist for assessing the geohazards risk in Nepal? • How can we strengthen the national capacity for assessing and managing the risk of geohazards? The topics for discussion <ul style="list-style-type: none"> • Approach, Modality and time frame for detail mapping of geohazards and assessment of risk in Nepal. • National program for identification and implementation of effective mitigation and adaptation measures on co-seismic hazards.
	Chair: Prof. Dr. Megh Raj Dhital
	Panelists: <ol style="list-style-type: none"> 1. Dr. Netra Prakash Bhandary, Associate Professor, Ehime University 2. Dr. Rishi Ram Sharma, Director General, Department of Hydrology and Meteorology 3. Dr. Katie J. Oven, Durham University 4. Prof. Nick Rosser, Durham University 5. Prof. Hari Krishna Shrestha, NEC 6. Prof. Dr. Tara Nidhi Bhattarai, Tribhuvan University 7. Dr. Soma Nath Sapkota, Deputy Director General, Department of Mines and Geology
	Session Coordinator: Dr. Narayan Marasini, Sr. Program Manager, NSET Rapporteur: Dr. Sweata Sijapati, HRRP
	Summary

	Day 2: Tuesday, June 19, 2018 (Asadh 5, 2075) Theme: Understanding the Present
16:00-17:30	Panel Discussion (PD) 7 Private sector in DRR: Opportunities and Realities (Hall: Begnash)
	SESSION OBJECTIVES <ul style="list-style-type: none"> • To provide a forum for professionals working in disaster risk reduction to discuss on the private sectors' accomplishment, hindrances, challenges, and opportunities in the past three decades in Disaster Risk Reduction. • To find out a common understanding on way forward for making private corporate sector disaster resilient by 2030.
	Key Questions: <ul style="list-style-type: none"> • What are the private sector accomplishment in the past three decades (2045-2075) in Disaster

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

	<p>Risk Reduction and Management?</p> <ul style="list-style-type: none"> • What are the hindrances and challenges faced by private sector in past three decades in DRR &M? • What are the opportunities in accelerating DRR in private corporate sector? • What should be improved for making private sector Disaster Resilient?
	Chair: Mr. Kush Kumar Joshi, NBI
	Moderator: Mr. Rajesh Thapa, Sr. Architect, President SCAEF
	<p>Panelists:</p> <ol style="list-style-type: none"> 1. Mr. Om Rajbhandari, Chair UDC, Federation of Nepalese Chamber of Commerce and Industries 2. Mr. Naresh Shrestha, Vice-President Nepal Chamber of Commerce 3. Mr. Bhoj Raj Sharma, Insurance Expert, Insurance Board of Nepal 4. Mr. Rajesh Thapa President, Society of Consulting Architectural and Engineering Firms 5. Mr. Dev Maharjan, Chief Executive Officer, Earthquake Safety Solution 6. Dr. Anselm Smolka, Advisor, Global Earthquake Model, Italy 7. Mr. Pavitra Bajracharya, President Nepal Retailer Association
	<p>Session Coordinator: Surya Bhakta Sangachhe, Sr. Technical Advisor, NSET</p> <p>Rapporteur: Ms. Aditi Dhakal, Urban Planner, NSET</p>
	Summary

	<p>Day 2: Tuesday, June 19, 2018 (Asadh 5, 2075)</p> <p>Theme: Understanding the Present</p>
16:00-17:30	<p>Panel Discussion (PD) 8</p> <p>Lesson learned and not learned from Gorkha Earthquake (Hall: RARA)</p>
	<p>SESSION OBJECTIVES</p> <ol style="list-style-type: none"> 1. To discuss on current status of response mechanism, the hindrances and challenges in the past 3 decades in Disaster Risk Reduction. 2. Disaster preparedness and response during Gorkha Earthquake 2015 by different organizations. 3. Strengthening the existing capacity of the rescue force like Nepal Army, Nepal Police and Armed Police Force.
	Chair: Mr. Tapendra Bahadur Khadka, Project Director, CLPIU, NRA
	Moderator: Mr. Sunil Koirala, Journalist, All 3 Media
	<p>Panelists:</p> <ol style="list-style-type: none"> 1. Mr. Tapendra Bahadur Khadka, Project Director, CLPIU 2. Mr. Loren Lockwood, Housing Recovery and Reconstruction Platform 3. Mr. Ram Bhandari, Program Manager, JICA 4. Ward Chief, Malu 5. Dr. Ramesh Guragain, Deputy Executive Director, NSET 6. Ms. Maggie Stephenson, DRR Expert, UK
	<p>Session Coordinator: Mr. Ranjan Dhungel, Program Manager, Baliyo Ghar, NSET</p> <p>Rapporteur: Mr. Manish Raj Gouli, Civil Engineer, NSET</p>
	Summary

Day 3 : Wednesday, June 20, 2018 (Asadh 6, 2075)

Searching the Future

a) Keynote Session Day 3

Time/ Day	Day 3: Wednesday, June 20, 2018 (Asadh 6, 2075) Theme: Searching 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 11 (KN 11): "Lessons/pointer- coordination, communication, effectiveness as revealed - GQ (Cluster, Logistic & NEOC)" by Ministry of Home Affairs
09:20-09:40	Keynote 12 (KN12): "Insurance for Natural Perils – A Solution for Nepal?" - Anselm Smolka, Senior Advisor, Global Earthquake Model, Italy
09:40-10:00	Keynote 13 (KN13): "IRDR and 3 decades in China" - Dr. Han Qunli, Executive Director, Integrated Research on Disaster Risk (IRDR)
10:00-10:20	Keynote 14 (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 15 (KN15): "Strategic direction for fulfilling a visible gap in DRM in Nepal" - 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

	Day 3: Wednesday, June 20, 2018 (Asadh 6, 2075) Theme: Searching the Future
11:00-12:30	Panel Discussion (PD) 9 Enhancing close links among research, education, implementation and local agencies (Hall: Olive Garden)
	SESSION OBJECTIVES 1. To identify the gaps in communication among institutions/sectors. 2. To determine the effective coordination mechanism among the stakeholders.
	Moderator: Mr. Jeevan Baniya, Social Science Baha
	Panelists: 1. 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 Shrestha, 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
12:30-13:30	Lunch Break

	Day 3: Wednesday, June 20, 2018 (Asadh 6, 2075) Theme: Searching 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.

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

	<ul style="list-style-type: none"> • Need for Standards and Code for all Infrastructure 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.
	<p>Key questions:</p> <ul style="list-style-type: none"> • 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-up-system in case of disaster?
	<p>Chair: Mr. Saroj Kumar Pradhan, DOR Moderator: Dr. Mohan Prasad Acharya, Sr. Geotechnical Engineer, NEA Engineering company</p>
	<p>Panelists:</p> <ol style="list-style-type: none"> 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
	<p>Session Coordinator: Ms. Kirty Tiwari Jaisi, Sr. Structural Engineer, NSET Rapporteur:</p>
	Summary
12:30-13:30	Lunch Break

	<p>Day 3: Wednesday, June 20, 2018 (Asadh 6, 2075) Theme: Searching the Future</p>
11:00-12:30	<p>Panel Discussion (PD) 11 Updating National Building Code: Factors to Consider, Research to Undertake, Mechanism for Updating (Hall: Begnas)</p>
	<p>SESSION OBJECTIVES To provide a forum for professionals to discuss on various attributes of building code update in Nepal. The specific objectives are</p> <ul style="list-style-type: none"> • 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
	<p>Key Questions:</p> <ol style="list-style-type: none"> 1. 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

	<p>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</p>
	<p>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 University</p>
	<p>Session Coordinator: Ms. Hima Shrestha, Division Director, EERT/NSET Rapporteur:</p>
	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 Research Institute (SERI) 2. Ms. Rita Thakuri, Executive Secretary, NSET 3. Mr. Kuber Bogati, Structural Engineer, HRRP/NSET 4. Mr. Kapil Bhattarai, Civil Engineer, NSET
	Ignite Presentation (6 Nos) Poster Publication (10 Nos) (Jury: Chair, Co-Chair and Panelist)
	Session Coordinator: Mr. Ranjan Dhungel, Program Manager, Baliyo Ghar, NSET
	Summary
12:30-13:30	Lunch Break

c) Plenary: Draft Resolution

	<p>Day 3: Wednesday, June 20, 2018 (Asadh 6, 2075) Theme: Searching the Future (Hall: Nepa Dhuku)</p>
13:30-15:30	<p>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</p> <p>Panelists: 1. Dr. Brian Tucker, President, Geohazard International 2. Prof. Vinod Sharma, Hon. Executive Vice Chairman, Sikkim State Disaster Management Authority (SSDMA) 3. Prof. Dr. Jibraj Pokhrel, VC, NAST 4. Mr. Kishore Thapa, Former Secretary, Government of Nepal 5. Mr. Kedar Neaupane, Joint Secretary, MOHA</p>
	<p>Read out of Draft Resolution Discussion Adoption of Draft Resolution</p>

RISK2RESILIENCE

Nepal's Collective Journey towards a Safer Future

International Conference on

Experience of Earthquake Risk Management, Preparedness and Reconstruction in Nepal

June 18-20, 2018

15:30-16:00	Tea/Coffee Break
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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