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Technical Workshop/Seminar on Disaster Risk Management on Hydropower: From Preparedness to Insurance and Mitigation

Independent Power Producers' Association (IPPAN), International Centre for Hydropower (ICH) of Norway and the International Finance Corporation (IFC), a member of the World Bank Group, are pleased to invite to Technical workshop seventh event in a series of workshops on sustainable hydropower. These workshops are a platform for knowledge exchange on global best practices in the technical, commercial, financial, environmental, and social aspects of hydropower development. This seventh workshop/ training will focus on disaster preparedness, insurance aspects of the Hydropower. It is very prominent aspects on hydropower financing and risk mitigation. It is specially focused for the hydro developers, Bankers, senior government officials, NEA and IPPs.

Day 1: 13th November, 2017 - High-level Seminar in Kathmandu

Time	Title & contents	Presenter
Inaugural Session		
08:30 - 09:00	Arrival and registration	
09:00 - 09:10	Welcome by IPPAN/ICH	IPPAN PR/VP
09:10 - 09:20	Inauguration by the Chief Guest	
09:20 - 09:30	Address by the Australian Ambassador	
09:30 - 09:40	Address by the Norwegian Ambassador	
09:40 - 10:00	Disaster Aspects and Responses – What is missing?	Khadga Bisht, IPPAN
10:00 - 10:15	Speech on Hydropower planning	By Chief Guest
10:15 - 10:35	National Level Planning for Disaster Mitigation	Dr. Swarnim Wagle, VC; NPC
10:35 - 10:45	Remarks	Mohammad Rehan Rashid, Resident Representative, IFC
10:45 - 10:50	Vote of Thanks	IPPAN
10:50 - 11:00	Tea Coffee	
KEY PRESENTATIONS		
11:00 - 11:30	Global Practice on Disaster Handling	John Reynolds, Expert Glacial Hazards/GLOF Assessment
11:30 - 12:00	More disaster on offing? The Climate Change factor	ICH
12:00 - 12:20	Working in the field – Nepal's experience (Disaster context, Policy provisions, and experiences from the field) and Strengthening District Emergency Operation Centre.	Dhruba Gautam, Executive Chairperson; National Disaster Risk Reduction Center (NDRC)
12:20 - 12:50	Handling the disaster: lesson and Recommendation	Office of Chief of Army Staff
12:50 - 13:20	Insurance Instruments for Disaster Risk Mitigation	Jan P. Mumenthaler, Principal



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		Insurance Officer, IFC
13:20 - 14:30	Lunch	
14:30 - 16:00	Departure to Dhulikhel (for workshop participants)	
16:00 - 17:30	Check-in at Dhulikhel and fresh-up	
17:30	Welcome Dinner	

Day 2: 14th November, 2017- Site visit & Disaster Damaged Hydropower Projects Lessons

Time	Title & contents	Presenters
08:00 - 12:30	Site visit - Visit to Bhotekoshi river	IPPAN/BKPC
12:30 - 13:30	Lunch at the "The Last Resort"	IPPAN/IFC
13:30 - 16:00	Jure Site- Sunkoshi Hydropower Project	IPPAN/Sanima Hydropower Project
17:00	Return to the Dhulikhel hotel	
18:00	Dinner with Cultural Program	

Day 3: 15th November, 2017 - Disaster Events, Design, and Early Warning

Time	Title & contents	Presenter
07:00 - 08:30	Breakfast	
08:30 - 09:15	Revisiting- the Jure Landslide and Bhotekoshi Flood and earthquake – Learning from Nepal	Mr. Bikram Sthapit, CEO; BKPC
09:15 - 10:15	Design Consideration - the resilient structures	ICH
10:15 - 10:30	Tea break	
10:30 - 11:15	Underground Structures: How do they fare during disaster?	NTA
11:15 - 12:00	Discussion Q&A	
12:00 - 13:00	Lunch	
13:00 - 13:45	GLOF and Hydropower Project: Disaster or safeguard	Arun B. Shrestha, Regional Program Manager; ICIMOD
13:45 - 14:15	Emergency Response Plan (ERP) for Disaster	HPL
14:15 - 14:45	Tea break	



14:45-15:30	ERP in Pocket – Mr. Roshan Subedi	Roshan Subedi, MD; eMultitechconsult Solution
15:30 - 16:15	Establishing EWS – learning from Norway	ICH
16:15 - 16:45	Establishing EWS – case of TshoRolpa	Dipak KC, Sr. Project Officer; UNDP
16:45- 18:00	Free time and hiking in the area – (hotel provided)	
18:00	Dinner	

Day 4: 16th November, 2017

Time	Title & contents	Presenter
07:00 - 08:30	Breakfast	
08:30 - 09:15	Study Presentation: disaster Management in Hydropower	Bhanu Pokharel, President; NHA
09:15 - 10:00	Current processes and guidelines: Nepal's experience in Hydropower Insurance/ Challenges	Sushil Bajracharya, Senior Manager; Himalayan General Insurance
10:00 - 10:15	Tea break	
10:15 - 11:00	Insurance tools for disaster risk and cost components	Jan P. Mumenthaler, Principal Insurance Officer, IFC
11:00 - 11:30	Experience of a Nepalese Developer on Insurance Claim: Case of Lower Modi-1 HEP	United Modi Hydropower Ltd.
11:30 - 12:00	Discussion & QA	
12:00 - 13:00	Lunch	
13:00 - 13:45	Hydropower risk mitigation through Insurance tool- Insurance Challenges on FCS countries	Cheruvu AtmaRam, Chief Underwriting Officer (P&C) Hannover Rück Senior Engineer, Marsh
13:45 - 14:30	Hydropower Insurance Challenges – International company	Narendra Prajapati, Advisory Consultant; BKPC
14:30 - 15:15	Institutions and structures for disaster preparedness	IPPAN
15:15 - 16:00	Discussion Summary- Outcome of the workshop	
16:00 - 16:15	Tea Coffee	
16:15 - 17:30	Departure - Kathmandu	



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