

ISPRS WG VIII/1 Workshop
on
Geospatial Technology for Disaster Risk Reduction
17th December 2015, Jaipur, India

Program Schedule

Plenary Session ISPRS WG VIII/1

S.No.	December 17, 2015 09:30-11:00 Hrs	Chair: Shailesh Nayak Co-Chair: T. Srinivasa Kumar	Remarks
1.	M. Mohapatra	Role of Remote Sensing in Early Warning Services for Management of Cyclones over North Indian Ocean[ISPRS15-07-0013]	Oral
2.	T. Srinivasa Kumar	Early Warning System for Tsunamis - Progress & Challenges [ISPRS15-07-0011]	Oral
3.	G. K. Bhat	Geoinformatics for Disaster Risk Mitigation	Oral
4.	B.K. Rastogi	Earthquake Hazard and Risk Analysis of Gujarat [ISPRS15-04-0007]	Oral
5.	P. K. Champati ray, Gopal Sharma, R.S. Chatterjee, A. Senthil Kumar, Somalin Nath and Anuradha Sharma	Nepal earthquake: Earth Observations for geodynamics and hazard mitigation [ISPRS15-04-0008]	Oral
6.	Tangri A.K., Ram Chandra, Rupendra Singh and C. L. Paul	Two 'Hot Spots' in the upper Alaknanda River valley- Chamoli District, Uttarakhand Himalayas - a cause of concern [ISPRS15-05-0011]	Oral
7.	Alexander Zipf and Joao Porto de Albuquerque	Assessing and Improving VGI data quality as a method for generating a national disaster database for improved hazard and risk assessment [ISPRS15-07-0003]	Oral
8.	D. Barman, S.S. Kundu, R.B. Gogoi, A.Borgohain, A. Bharali, D. Sarma, N.Barman and P.L.N. Raju	Flood early warning with quasi-distributed hydrological model with input from NWP rainfall forecast - An operational exercise in flood prone districts of Brahmaputra valley [ISPRS15-05-0001]	Oral

TS - 3/4 (Technical Session - 1: Spatial database, modeling, landslide and earthquake)

S.No.	December 17, 2015 11:30-13:00 Hrs	Chair: B.K. Rastogi Co-Chair: P.K. Champati ray	Remarks
1.	N. Kiran Kumar, Ch Patanjali Kumar, R. S. Mahendra, J. Padmanabham, T. Srinivasa Kumar and B.V. Satyanarayana	Spatial Data Infrastructure for the Generation of Tsunami Advisories [ISPRS15-01-0002]	Oral
2.	Diganta Barman, Jenita R Nongkynrih, Suranjana B Borah, Sangeeta Sarma and PLN Raju	Multi-criteria hazard and vulnerability modeling leading to geospatial risk zonation of riverine flood plain - An approach experimented in Dhemaji district of Assam [ISPRS15-02-0001]	Oral
3.	Shovan Lal Chatteraj, Yateesh Ketholia, P.K. Champati ray and Sudhakar Pardeshi	3-Dimensional modeling of 2014-Malin Landslide, Maharashtra using satellite derived data: A quantitative approach by numerical simulation technique [ISPRS15-02-0002]	Oral
4.	Satej Panditrao, R S Mahendra, P C Mohanty, H Shiva Kumar and T Srinivasa Kumar	Multi-hazard Vulnerability Mapping of Kerala State: a case Study [ISPRS15-02-0003]	Oral
5.	Smriti Ashok and Sonesh Chandra	Sunkoshi Landslides 2014: Causes, Impacts and Feature Analysis using Remote Sensing and GIS Approach [ISPRS15-03-0001]	Oral
6.	A.K. Anand, P.S. Prasad and Kishor Kumar	Geomorphometric analysis of Chamoli and Karnaprayag District, Utrakhhand in respect to Hazard Zonation of the Area [ISPRS15-03-0002]	Oral
7.	Ramji Dwivedi, Ajai Kumar Singh and Onkar Dikshit	Persistent Scatterer SAR Interferometry for Landslide Monitoring [ISPRS15-03-0003]	Oral
8.	Snehmani, Chetna Soni and Akansha Patel	Devastation in Nepal earthquake in 2015: A remote sensing based assessment [ISPRS15-05-0006]	Oral
9.	Shweta Sharma, B. K. Rastogi and A. K. Mathura	Earthquake damage scenario simulation using formulated mathematical model based on multi-criteria decision making methods [ISPRS15-04-0001]	Oral
10.	Bhavesh Pandey , Ravi S Jakka and Ashok Kumar	Site Characterization of Strong Motion Stations in Tarai Region of Uttarakhand [ISPRS15-04-0002]	Oral
11.	Jaishri Sanwal, C. P. Rajendran and Kusala Rajendran	Cave deposits from the Kumaun Himalaya as potential earthquake recorders [ISPRS15-04-0004]	Oral
12.	Kannaujiya S. , Champati ray P. K. , Philip G. , Sharma G. , Mohanty S., Saikia A. and Chatteraj S. L.	Active Fault Mapping using Geophysical Methods (GPR, IPR) in North-western part of Himalayan Foothill Zone [ISPRS15-04-0006]	Oral

TS - 4/4 (Technical Session - 2: Flood, coastal and oceanographic hazards)

S.No.	December 17, 2015 14:00-15:30 Hrs	Chair: M. Mohapatra Co-Chair: S. P. Aggarwal	Remarks
1.	Bhavani P., Roy P.S. and Charavarthi V.	Agriculture drought Severity during 2000-2014 from cropping seasons January-May & July-December [ISPRS15-05-0002]	Oral
2.	Ila Agnihotri	Climate Extreme Analysis at West Flowing River Basin of Kutch, Saurashtra and Marwar [ISPRS15-05-0003]	Oral
3.	G. Arun and R. P. Hari Ram	Floods in Chennai and Kanchipuram Districts of Tamil Nadu, Nov 2015. Is it a Disaster? A Challenge towards Sustainability in the Indian Coastal Zone? Or a Verdict? [ISPRS15-05-0004]	Oral
4.	Rohit Sambare, Vaibhav Garg and S.P. Aggarwal	Rainfall forecasting using artificial neural networks [ISPRS15-05-0005]	Oral
5.	Mrinal Deka, Ajit Borkotoky, Sailesh Kumar Yadav and S L Borona	Case study on soil erosion and bank migration in and around Salmara & Aphalamukh [ISPRS15-03-0006]	Oral
6.	Ritesh Mujawadiya, H S Negi, G Arun, Anant Kumar and A Ganju	Mapping and Monitoring of GLOF prone lakes in parts of Shyok Basin using Remote Sensing and Field Techniques [ISPRS15-05-0007]	Oral
7.	K. Sindhu and K.H.V. Durga Rao	Hydrological Modeling for Flood Damage Mitigation [ISPRS15-05-0008]	Oral
8.	Varuni Pathak, Rakesh Arya and S. Sreekesh	Identification of Glacial Lakes for Potential Outbursts in Lahaul & Spiti, Himachal Pradesh [ISPRS15-05-0009]	Oral
9.	G. Vivek	Shoreline change analysis for east coast of Andhra Pradesh, India [ISPRS15-05-0010]	Oral
10.	D. Barman, D.J. Chutia, R.K. Das, S.S. Kundu, K. Bhusan, K. Chakraborty, B.K Handique, J. Goswami, J.M. Nongkynrih, M.S. Singh, R.B. Gogoi and P.L.N Raju	Space technology applications for addressing multi-hazard DRR needs in NE region of India - the concept called NER-DRR [ISPRS15-06-0001]	Oral
11.	H Shiva Kumar, R S Mahendra, P C Mohanty, Satej Panditrao and T Srinivasa Kumar	Evaluation of the coral bleaching during 2015 at the coral environs of the Gulf of Kutch using Remote Sensing [ISPRS15-06-0004]	Oral
12.	Abira Dutta Roy, Milap Chand Sharma and S. Sreekesh	Validation of MODIS snow cover products using Landsat during 2002 -2012 in Menthosa Glacier, Himachal Pradesh [ISPRS15-06-0005]	Oral

TS - 5/4 (Technical Session - 3: Disaster early warning and monitoring)

S.No.	December 17, 2015 16:00-17:30 Hrs	Chair: P.L.N. Raju Co-Chair: M. Punia	Remarks
1.	Praveen K. Thakur, S.P.Aggarwal, Vimal C. Shamra, Bhaskar R Nikam, Vaibhav Garg, Arpit Chouksey, Pankaj Dhote and Charu Singh	Flood early warning system for North West Himalaya using integration of weather forecasting, hydrological and hydrodynamic models [ISPRS15-07-0001]	Oral
2.	Bhanu Pratap Chamoli, Bhawesh Pandey, Pankaj Kumar, Govind Rathore, R.S. Jakka, Ajay Gairola and Ashok Kumar	Development of Earthquake Early Warning System for Northern India [ISPRS15-07-0002]	Oral
3.	PLN Murty, J Padmanabham, P S Bharadwaj, N Kiran Kumar, T Srinivasa Kumar and S S C Shenoi	Storm surge and inundation forecasting system at ESSO- INCOIS [ISPRS15-07-0005]	Oral
4.	Ashim Sattar, Ajanta Goswami, Anil V Kulkarni	The status of Himalayan glaciers-A mass balance study [ISPRS15-07-0007]	Oral
5.	Snehmani, Sunil kumar and Akansha Patel	Estimation of snow cover distribution using satellite data in NW Himalayas [ISPRS15-07-0008]	Oral
6.	Jaydeo k.Dharpure, Snehmani and Akansha Patel	Estimation of mass balance of glacier using optical remote sensing data [ISPRS15-07-0009]	Oral
7.	Satya Prakash, Milap Chand Sharma, Rajesh Kumar, P.S. Dhinwa, K.L.N. Sastry and A.S. Rajawat	Mapping and assessing the land cover/land use degradation in Himachal Pradesh and vulnerability to degradation in Kangra district [ISPRS15-07-0010]	Oral
8.	T.M. Balakrishnan Nair, R. Harikumar, Anuradha Modi, K. Srinivas, Rakhi Kumari, B. Krishna Prasad, K. Kaviyazhahu and Yatin Grover	Ocean State Forecasting during extreme weather conditions for better disaster management to save life and property [ISPRS15-07-0012]	Oral
9.	Pritam Chand and Milap Chand Sharma	Glacial lake inventory and glacial lake outburst floods (GLOF) risk assessment in of Himachal Himalaya [ISPRS15-03-0007]	Oral
10.	Revathy M. Parameswaran, Kusala Rajendran and C. P. Rajendran	The role of InSAR imagery based deformation fields in mapping out potential structural belts of the 2015 Nepal events [ISPRS15-04-0003]	Oral
11.	Ramji Dwivedi and Onkar Dikshit	Design of Cost Effective Disaster Monitoring GPS Network [ISPRS15-06-0003]	Oral