Disaster Resilience and Emergency Management – I

Chair: …………………........ Co-chair: …………..……..……. Rapporteur: ………………………….

Sl No.	Title	Authors
1	Socioeconomic Vulnerability to Urban Flooding in Hyderabad, Telangana, India	Vikas Sehra[1], Chandra Prakash Morya[2] [1]Jawaharlal Nehru University, New Delhi [2]Rajasthan University
2	Geospatial based monitoring and assessment of vegetation recovery in landslides triggered during 'Uttarakhand Tragedy' in Rudraprayag district	Deepesh Goyal, Shipra Tyagi, Varun Joshi Guru Gobind Singh Indraprastha University
3	Landslide susceptibility mapping using GIS-based statistical models and Remote sensing data in Kalimpong district, West Bengal	Debdip Bhattacharjee and Tapas Sarkar Sukanta Mahavidyalaya
4	Ensemble Machine Learning Approach for Landslide Susceptibility Mapping in Kodagu District, Karnataka	Kajal Kumari, S. Abdul Rahaman Bangalore University
5	Application of Advanced Geospatial-AI Integration for Landslide Susceptibility Mapping: Enhancing Prediction accuracy through Deep Learning Integration	Sayantan Mandal Delhi School of Economics, University of Delhi
6	Morphometric Analysis and Geospatial Applications for Flash Flood Susceptibility Assessment: A Case Study of Mal River basin, West Bengal	Raja Ghosh[1], Debdip Bhattacharjee[2],Sandip Ghosh[1] [1]Khudiram Bose Central College, Kolkatal [2]Sukanta Mahavidyalaya
7	PSI, SBAS and Hybrid InSAR for Land Deformation Analysis over Himalayan Terrain	Hari Shankar[1], Dharmendra Singh[2], Prakash Chauhan[3] [1]Indian Institute of Remote Sensing [2]Indian Institute of Technology - Roorkee [3]National Remote Sensing Centre, Hyderabad
8	Geo-Mapping of Covid-19 Incidence and its Relationship with Inequalities of Urban Housing and Basic Services in Bhopal city (India)	Amit Chatterjee[1], Shib Sankar Bagdi[2], Monidip Mondal[3] [1]Visva-Bharati, Santiniketan [2]Independent Researcher [3]Jawaharlal Nehru University

9	Village-Level Flood Scenario Analysis of an Extreme Flood Event using Geospatial Techniques for Disaster Emergency Management	G. Sreenivasan, Jugal Kishore Mani and A. O. Varghese Regional Remote Sensing Centre-Central, NRSC, Nagpur
10	Landslide Susceptibility mapping of Malappuram District, Kerala using Analytical Hierarchy Method	P.P Sreekala[1], Vandita Srivastava[2], Shovan Lal C[1] [1]Cochin University of Science and Technology [2]Indian Institute of Remote Sensing