

RESEARCH PAPERS TO BE PUBLISHED BY MACMILLAN

S.No.	Abstract ID	Abstract Category	Abstract SubCategory	Abstract Title	Affiliation	Author Name
1	8	Mountain specific hazards and their management	Community based disaster management and indigenous knowledge	Empowering Resilience: Case example of Civil Society-Led Community-Based Disaster Management in the Nilgiris Region	Amrita Vishwa Vidyapeetham	Dr. Kanagaraj Saminathan
2	12	Traditional risk reduction practices and voices from the grassroots	Nature-based solutions for DRR	From Peaks to Valleys: Leveraging Himalayan Ecosystems for Disaster Resilience	HNLU Nava Raipur	Dr. Kamal Narayan
3	17	Mountain specific hazards and their management	Enhancing resilience and preparedness of mountain communities	Concrete Pillars of Development or Buildings of Disaster: Voices from Darjeeling and Kalimpong	IIT Delhi	Mr. Rahul Ganguly, Prof. Vibha Arora
4	23	Innovations in disaster risk reduction and resilience	Strengthening DRR and resilient systems	PREVENTION THROUGH DESIGN – HOLISTIC APPROACH FOR DISASTER RISK REDUCTION	INDIAN SPACE RESEARCH ORGANISATION	Mr. NELSON DAVIES PALLIPURAM
5	26	Challenges in tackling DRR issues	Vulnerability to climate hazards	Review of Disaster resilience of Housing in Multi-Hazard Prone Sundarbans	Indian Institute of Engineering, Science and Technology (IIST), Shibpur	Dr. Sutapa Das
6	28	Challenges in tackling DRR issues	Multi-hazard early warning cooperation	Integrating Socio-Economic and Health Considerations in Flood Disaster Management in Prayagraj District	Prof. Rajendra Singh (Rajju Bhaiya) University, Prayagraj	Dr. Kavita Gautam, Prof. Vivek Kumar Singh, Ms. Juhi Das, Mr. Mayank Shukla
7	29	Innovations in disaster risk reduction and resilience	Sustainable natural resources management	Crop diversification as a requirement to adapt to the climate change crisis in Punjab through Farmer Producer Organizations	UNU EHS	Ms. Katyayini Sood
8	31	Traditional risk reduction practices and voices from the grassroots	Traditional disaster risk reduction practices of the people	Ecological Refugees, Vanquished Islands and Need for Life-Boats in Southern Sunderbans, West Bengal	Indian Institute of Technology Delhi	Prof. Vibha Arora, Ms. Sohini Chakraborty
9	38	Innovations in disaster risk reduction and resilience	Disaster response systems, grassroots approaches	Seismic Safeguard: Pioneering Earthquake Early Warning Systems for a Resilient Future	Bangladesh Navy	Mr. KHANDOKAR RAFEZUL HAQUE
10	40	Mountain specific hazards and their management	Glacial retreat and glacier lake outburst	Vulnerability of the high Himalayan mountain communities under the climate change scenario	Birbal Sahni institute of Palaeosciences	Dr. Sheikh Nawaz Ali
11	41	Innovations in disaster risk reduction and resilience	Recovery and reconstruction	SAMAASHRAYA: A super speciality clinic for psychosocial care and mental health services for disaster survivors.	NIMHANS	Mrs. Ambika V S, Dr. Sanjeev Kumar Manikappa, Dr. Dinakaran D, Mr. Anil Hemanna Doddamani, Dr. Vivek Benagal

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12	43	Traditional risk reduction practices and voices from the grassroots	Human-engineered conflicts (mitigation of)	Empowering Women in Bangladesh RMG Industry: Labour Law	District and Session Judge Court	Ms. N. Nabila Hoque
13	44	Innovations in disaster risk reduction and resilience	Resilient social infrastructure, reaching the last mile	Households Resilience Characteristics of West Bengal in COVID-19 Pandemic	Ramakrishna Mission Vivekananda Educational and Research Institute	Dr. TANDRA MONDAL, Dr. Jaayashree Sen, Prof. Pranab Kumar Nag
14	48	Mountain specific hazards and their management	Enhancing resilience and preparedness of mountain communities	Assessment of Mountain-Specific Landslide Hazard Susceptibility and Risk in the Himachal Pradesh (Mandi): Using Geospatial Technology	Jaypee University of Information Technology, Wakhnaghat, Solan, Himachal Pradesh	Ms. PAYAL MAHATO, Dr. Tanu Sharma, Dr. Saurabh Rawat
15	51	Challenges in tackling DRR issues	Multi-hazard early warning cooperation	A comparison of the tropical climate's characteristics in Somali Regional State of Ethiopia and Indian State of Karnataka	Amrita School for Sustainable Development, Amrita Vishwa Vidyapeetham	Mr. Degu Zewdu
16	53	Mountain specific hazards and their management	Enhancing resilience and preparedness of mountain communities	Diurnal scale variations of monsoon rainfall and trend analysis of rainfall maxima over the high mountainous terrain of Himachal Pradesh using high resolution gridded rainfall product	Indian Institute of Remote Sensing	Ms. Anjana V S, Dr. Charu Singh
17	54	Innovations in disaster risk reduction and resilience	Disaster response systems, grassroots approaches	Sustainable Post-Disaster Humanitarian Relocation Aiming Cost And Time Depreciation: Optimizing Conveyance Choices through MCDM	Vellore Institute Of Technology, Vellore, India	Mr. Mayank Singh Bhakuni, Ms. Pooja Bhakuni, Dr. Amrit Das
18	56	Mountain specific hazards and their management	Enhancing resilience and preparedness of mountain communities	Disaster Preparedness Kits Ready or Not? Household Resilience for Flash Flooding in Uttarakhand	Amrita Vishwa Vidyapeetham	Prof. Sudha Arlikatti, Dr. Praveen Maghelal
19	57	Innovations in disaster risk reduction and resilience	Strengthening DRR and resilient systems	Urban Resilience in the Indian Context: Disentangling Challenges and Charting Implications	Malaviya National Institute of Technology, Jaipur	Mr. Rushikesh Kolte, Ms. Shipra Goswami, Dr. Ashwani Kumar, Dr. Satish Pipralia

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20	59	Innovations in disaster risk reduction and resilience	Strengthening DRR and resilient systems	CHARACTERIZATION OF METEOROLOGICAL PARAMETERS ASSOCIATED WITH THE CLOUD BURST EVENTS AND IDENTIFICATION OF THE PRECURSORS FOR DEVELOPING THE NOWCASTING SYSTEM OVER UTTARAKHAND REGION	INDIAN INSTITUTE OF REMOTE SENSING, INDIAN SPACE RESEARCH ORGANISATION	Ms. AHANA MUKHOPADHYAY, Dr. CHARU SINGH
21	68	Innovations in disaster risk reduction and resilience	Disaster response systems, grassroots approaches	Warning, evacuation and community response reduced loss of human life due to the impact of tropical cyclone Yaas in Odisha	Utkal University	Dr. Damodar Panda, Dr. Maya Devi
22	69	Multidisciplinary research and best practices	Case studies / Best Practices – Cities, settlements, infrastructure	Simulation-Based Performance Assessment of Urban Road Network under Disruptive Scenarios: A Case Study of Delhi	Indian Institute of Technology, Delhi	Mr. Piyush Lalwani, Dr. V.A.Bharat Kumar Anna, Dr. Sai Chand
23	70	Traditional Risk Reduction practices and voices from the Grassroots	Human-engineered conflicts (mitigation of)	Microplastics: an emerging Disaster to Fisheries and Aquaculture sector	P.E.S. Modern College of Arts, Science and Commerce, Savitribai Phule Pune University, Ganeshkhind, Pune	Dr. Nivedita Das
24	79	Multidisciplinary research and best practices	Case studies / Best Practices – Technology, finance, capacity building	A Study on innovative methods and strategies in flood management system in Andhra Pradesh	Koneru Lakshmaiah Education Foundation	Dr. K Rajesh Kumar
25	85	Mountain specific hazards and their management	Landslide and Land subsidence	Assessment of Snow/Ice/Rock Avalanche Susceptibility in Uttarakhand Himalayas using Remote Sensing and GIS	Indian Institute of Remote Sensing	Ms. Sakshi Tripathi, Mr. C.M Bhatt, Dr. Pratima Pandey
26	86	Innovations in disaster risk reduction and resilience	Recovery and reconstruction	Applicability of Individual Sample as Mean for Post Disaster Mapping using Fuzzy Machine Learning Model	Indian Institute of Remote Sensing (ISRO)	Ms. ANAMIKA PALAVESAM SARATHAMANI, Dr. Anil Kumar
27	87	Innovations in disaster risk reduction and resilience	Strengthening DRR and resilient systems	Improving Disaster Resilience Through Climate Adaptation and Preparedness	Former Associate Professor in a Management Institute	Dr. Leena Gadkari
28	97	Traditional risk reduction practices and voices from the grassroots	Community-based disaster risk reduction	Lightning in Jharkhand: Factors and response	xavier institute of social service	Mr. Priyanshu Roy

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29	100	Challenges in tackling DRR issues	Governance and policy issues in DRR	Enhancing Fire Safety in Urban India: A Comparative Study of Development Regulations	Malaviya National Institute of Technology, Jaipur	Ms. Shipra Goswami, Mr. Rushikesh Kolte, Dr. Ashwani Kumar, Dr. Satish Pipralia
30	103	Innovations in disaster risk reduction and resilience	Risk assessment	Detection and Mapping of Flood Inundated Areas using SAR and Deep Learning	Indian Institute of Remote Sensing, Andhra University	Ms. Aishwarya Makwana
31	104	Challenges in tackling DRR issues	Roads, railway, and bridges risk assessment and mitigation	Enhancing Tourist Mobility and Sustainable Growth: A Comprehensive Mobility Plan for Mussoorie	Malaviya National Institute of Technology	Ms. Srishti Singh, Prof. Sunita Doddamani
32	105	Multidisciplinary research and best practices	Case studies / Best Practices – Cities, settlements, infrastructure	Flood Vulnerability of Urban Buildings in Hilly Area: A case study of Nongstoin Town, Meghalaya	North Eastern Space Applications Centre, Department of Space, Govt. of India	Ms. Nikita Lahiri, Dr. Jenita M. Nongkynrih
33	114	Innovations in disaster risk reduction and resilience	Strengthening DRR and resilient systems	Disaster Risk Reduction and Harmonizing Economic Development for Small Coastal Island	North South University	Ms. Sadia Sristy, Mr. Noor Musanna
34	115	Mountain specific hazards and their management	Resilient infrastructure in the Himalayan ecosystem	Carrying Capacity Breach In The Himalayas	Indira Gandhi National Open University	Ms. Bidisha Chatterjee, Mr. Himadri Chatterjee
35	120	Challenges in tackling DRR issues	Vulnerability to climate hazards	Environmental Vulnerability Assessment using an Integrated SMCDM Method and Geospatial Technology – A Case study of Ranikhola Watershed, Sikkim Himalaya, India	ASUTOSH COLLEGE , UNIVERSITY OF CALCUTTA	Mr. SUDIP DEY, Dr. SUPRAKASH PAN
36	134	Challenges in tackling DRR issues	Governance and policy issues in DRR	Need to Integrate Psychosocial Preparedness for the Management of Natural Disasters	NIMHANS	Mr. Anil Hemanna Doddamani, Dr. Jayakumar C
37	152	Multidisciplinary research and best practices	Case studies / Best Practices – Cities, settlements, infrastructure	Evaluation of Liquefaction Induced Settlement in Reclaimed Ground: A Case Study	Central University of Haryana	Mr. Supratim Chanda, Mr. Manoj Kumar, Dr. Neeraj Kumar, Prof. Jay Prakash Narayan
38	155	Multidisciplinary research and best practices	Case studies / Best practices – Nature-based solutions	Livelihood Strategies for Building Disaster Resilience Community: A Systematic Review	Tribhuvan University	Mr. Deepak Marahatta
39	158	Mountain specific hazards and their management	Enhancing resilience and preparedness of mountain communities	Enhancing Disaster Resilience in Hill Towns through Optimal Open Space Planning	School of Planning and Architecture	Dr. Arpan Paul Singh, Mr. Rajeew R, Ms. Anmol Sharma, Mr. Ashwinth G Chandran

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40	167	Mountain specific hazards and their management	Landslide and Land subsidence	Comparative analysis of Landslides Inventories Dataset in Solan district of Himachal Pradesh, India	DR YSP UHF Nauni solan	Ms. Alisha sood, Prof. Rajeev kumar Aggarwal, Prof. Rakesh kumar Gupta, Dr. Hukam Chand Sharma, Dr. Ghanshyam Aggarwal, Dr. Deepak Agnihotri
41	169	Traditional risk reduction practices and voices from the grassroots	Rebuilding in the aftermath of the COVID-19 pandemic	Rebuilding Industry in the aftermath of the COVID-19 pandemic: Risk reduction practices and risk transfer.	Chartered Insurance Institute	Dr. Dr Vilas Waikar
42	172	Multidisciplinary research and best practices	Methodologies and Frameworks for DRRM, Digital risk database (EWS)	Developing an Indicator based toolkit for prioritizing mountain trekking trails in India	Indian Institute of Engineering Science and Technology Shibpur	Mr. Kinkar Bhattacharjee, Dr. Soumen Mitra, Prof. Keya Mitra
43	173	Challenges in tackling DRR issues	Climate adaptation for resilience	Eco-Tourism as a Tool for Sustainable Livelihood in a Multi-Hazard Region: Exploring the Mousuni Island Case in West Bengal	Indian Institute of Engineering Science and Technology Shibpur	Mr. Aritra Ganguly, Dr. Soumen Mitra , Prof. Keya Mitra
44	178	Multidisciplinary research and best practices	Case studies / Best Practices – Technology, finance, capacity building	Landslide Susceptibility Mapping using the XGBoost model and Hyper-parameter Optimization Techniques in Aglar Watershed, part of Lesser Himalaya	DIT UNIVERSITY	Dr. Shovan Lal Chattoraj, Mrs. Dipika Keshri, Dr. Kripamoy Sarkar
45	179	Innovations in disaster risk reduction and resilience	People-centric development	Mindful Resilience: Fostering Mental Health and Wellness in the Face of Disaster	NTPC LIMITED	Dr. SARANSH RAJA
46	182	Challenges in tackling DRR issues	Vulnerability to climate hazards	Comparison analysis of satellite and field based Precipitation for North Western Himalaya	Indian Institute of Technology Guwahati	Ms. Anushka Vashistha, Dr. Ajay Dashora, Dr. Afroz Ahmad Shah
47	183	Challenges in tackling DRR issues	Climate adaptation for resilience	The Nexus Between Air Pollution, Climate Change, and Policy Initiatives: A Case Study of Delhi	Department of Environment, Government of NCT of Delhi	Dr. Jayachandran Kollayil Sasidharan
48	189	Innovations in disaster risk reduction and resilience	Recovery and reconstruction	Disaster Risk Financing: Parametric Insurance and Beyond.	Chartered Insurance Institute	Dr. Vilas Waikar
49	205	Innovations in disaster risk reduction and resilience	Sustainable natural resources management	Tourism's Footprint: Unravelling the Link to Disaster Risk	School of Planning and Architecture	Dr. Arpan Paul Singh, Ms. Agnes Mariam Xavier, Ms. Laya Osten
50	213	Mountain specific hazards and their management	Floods and flash floods in mountains	Implementation of Automated Flood Warning System for NTPC Tapovan Vishnugad Hydro Power Project near Joshimath, India	NTPC Ltd.	Dr. Anubhav Srivastav, Mr. R. Aravind, Mr. Kuldeep Negi

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51	214	Multidisciplinary research and best practices	Case studies / Best Practices – Cities, settlements, infrastructure	Disaster Management after Massive Glacial Debris Flow Incident at NTPC Tapovan Vishnugad Hydro Power Project near Joshimath, India	NTPC Ltd.	Dr. Anubhav Srivastav
52	219	Traditional risk reduction practices and voices from the grassroots	Traditional knowledge and innovations from the grassroots	Design and Construction of Sustainable Artificial Lakes in Small Communities for Disaster Management	CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY, JORHAT, ASSAM, INDIA	Mr. DIPAK BASUMATARI, Dr. SANJAY DEORI, Dr. G NARAHARI SASTRY, Dr. LEON RAJ J, Mr. NIBIR PRAN BORAH, Mr. RAJIB DAS
53	253	Multidisciplinary research and best practices	Case studies / Best Practices – Cities, settlements, infrastructure	Ground Response Analysis for The Museum Hall Complex and Other Adjoining Structures at The Statue of Oneness Site in Omkareshwar, Madhya Pradesh	CSIR-Central Building Research Institute	Mr. DEVAGYA RAMAN, Mr. SHUBHAM CHAUDHARY, Mr. SUVAM DAS, Mr. KOUSHIK PANDIT, Dr. ANINDYA PAIN
54	226	Innovations in disaster risk reduction and resilience	Sustainable natural resources management	Strategies for mitigation and adaptation to the climate change impact in the char land ecosystems of the teesta river basin	Hajee Mohammad Danesh Science and Technology University, Dinajpur -5200, Bangladesh	Mr. Md. Manik Ali
55	227	Traditional risk reduction practices and voices from the grassroots	Traditional knowledge and innovations from the grassroots	Responsive and contextual Risk preparedness strategies for Climate-related hazards in hot and dry region through Traditional wisdom and Scientific approach	MNIT, Jaipur	Ms. Pooja Agrawal
56	234	Innovations in disaster risk reduction and resilience	Resilient social infrastructure, reaching the last mile	Bamboo: The win-win solution for Strengthening Climate Action and Disaster Resilience	Tanjun Associate LLP	Mr. Sumit Kumar Agarwal
57	236	Challenges in tackling DRR issues	Spatial technologies for DRM	Machine Learning and Geospatial Technology for Flood Prediction and Mapping: A step towards disaster preparedness in the Uttarakhand region of India	Indian Institute of Remote Sensing, ISRO, Dehradun	Ms. ATULYA DHAR, Ms. ANUYA RAMTEKE, Dr. HINA PANDE, Dr. POONAM TIWARI
58	237	Innovations in disaster risk reduction and resilience	Risk assessment	Estimating Climate-induced Residual Loss and Damage: A Comprehensive Risk Assessment of Amphan 2020	Indian Institute of Technology Bombay	Ms. Devdyuti Bose, Prof. Trupti Mishra
59	244	Mountain specific hazards and their management	Enhancing resilience and preparedness of mountain communities	Enhancing the Livelihood Security of rural poor in Landslide Threatened Areas, Case area: Devikulam, Idukki	School of Planning and Architecture Vijayawada	Ms. Aswathy K B

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60	249	Multidisciplinary research and best practices	Case studies / Best Practices – Cities, settlements, infrastructure	Autoradiographic imprints of Uraniferous Middle Siwaliks: A case Study.	Graphic Era Deemed to be University	Mr. Harish Khali, O Arvind Bhatt, O Kaushlendra Kumar Sinha
61	256	Mountain specific hazards and their management	Landslide and Land subsidence	Landslide Information Extraction in Multiple Satellite Datasets using YOLO-NAS and Transfer Learning	Wadia Institute of Himalayan Geology	Dr. Naveen Chandra, Mrs. Himadri Vaidya
62	265	Multidisciplinary research and best practices	Methodologies and Frameworks for DRRM, Digital risk database (EWS)	Dynamic Framework to Optimize Disaster Response Measures during Cyclone – A Case of Cuddalore District, Tamil Nadu, India.	School of Planning and Architecture Vijayawada.	Mr. Hanumanth Ram T, Mr. Rajeev R
63	276	Multidisciplinary research and best practices	Case studies / Best Practices – Cities, settlements, infrastructure	Role of Radiation oncology units in tertiary care hospitals during a Nuclear Catastrophe	GSL Medical College, Rajahmundry	Prof. Winfred Michael Raj E, Ms. Sarah Sheikh
64	280	Innovations in disaster risk reduction and resilience	Strengthening DRR and resilient systems	POST PANDEMIC AND THE IMPACT OF POSITIVE PSYCHOLOGY ON REBUILDING POPULATION LIFE IN GENERAL	Shri Ramswaroop Memorial University, Lucknow	Dr. PAVITRA BAJPAI
65	288	Innovations in disaster risk reduction and resilience	Recovery and reconstruction	3rd Generation Modular Panel Bridges: Key to Resilience in Road Connectivity During Disasters	Former DG Border Roads	Mr. S RAVI SHANKAR
66	293	Mountain specific hazards and their management	Landslide and Land subsidence	Inculcating machine learning techniques for evaluation and ranking of landslide contributing factors: A case study of Bhagirathi catchment, Uttarakhand	Indian Institute of Technology, Roorkee	Mr. Madhukar Dwivedi, Mr. Madhukar Dwivedi, Dr. Kamal Jain, Dr. S Srikrishnan Subramanian
67	298	Innovations in disaster risk reduction and resilience	Resilient environmental infrastructure	Building Climate Resilience for protection and Initiating Reversal of Global Warming	S&M Engineering	Mr. Subijoy Dutta
68	303	Mountain specific hazards and their management	Floods and flash floods in mountains	Comprehensive Flood Vulnerability Assessment and Resilience Building in the Himalayan Region of North Bengal, West Bengal, India	ASUSTOSH COLLEGE, UNIVERSITY OF CALCUTTA	Ms. VANSIKA YADAV, Mr. SUDIP DEY, Dr. SUPRAKASH PAN
69	326	Challenges in tackling DRR issues	Roads, railway, and bridges risk assessment and mitigation	Post Disaster Trauma Management scenario in India and corrective measures to improve it.	RADHEE Disaster and Education Foundation	Dr. Rita Savla
70	343	Multidisciplinary research and best practices	Case studies / Best practices – Nature-based solutions	"To love is so simple, yet we hate"	Coriander Cave pvt. ltd.	Mr. Marvin Fernandes
71	347	Mountain specific hazards and their management	Community based disaster management and indigenous knowledge	Forest Fire The Unsung Disaster	The Hans Foundation	Ms. Divya Bijalwan, Ms. Arunima Sharma, Mr. Manoj Joshi

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72	352	Mountain specific hazards and their management	Landslide and Land subsidence	ANN model-based landslide susceptibility mapping for disaster risk reduction and mitigation in mountainous areas.	Graphic era (Deemed to be University)	Mrs. Sheetal Bisht, Dr. Kishan Singh Rawat
73	354	Mountain specific hazards and their management	Landslide and Land subsidence	Landslide susceptibility analysis using the AHP approach for Disaster risk reduction in the mountainous region.	Graphic era (Deemed to be University)	Mrs. Sheetal Bisht, Dr. Kishan Singh Rawat
74	366	Multidisciplinary research and best practices	Innovation and Emerging technologies including EWS	Technology Base Disaster Preparedness, Rescue & Relief Management System	RADHEE Disaster and Education Foundation	Dr. Rita Savla, Mr. Anil Dsa
75	367	Multidisciplinary research and best practices	Case studies / Best practices – Nature-based solutions	Creating Awareness on Eco-feminism through Theatre at a Tribal Villages in Purulia District of West Bengal India	WSRC, University of Calcutta	Mrs. Debkalpa Basu Das
76	418	Multidisciplinary research and best practices	Case studies / Best Practices – Cities, settlements, infrastructure	Indian Red Cross Society's Humanitarian Programs and Activities	INDIAN REDCROSS SOCIETY	Mr. HARSH A JIGAJINNI, Mrs. DIVYA GUPTA
77	420	Traditional risk reduction practices and voices from the grassroots	Traditional knowledge and innovations from the grassroots	Ecological Balance and Health Security: A Conundrum of Human Activity	Daulat Ram College, University of Delhi	Dr. Pooja Sharma, Mr. Amit Anand
78	423	Multidisciplinary research and best practices	Innovation and Emerging technologies including EWS	Urban air pollution reduction technology using magnetically charged ion particles	Nature Power	Mr. Raghvendra banchalia
79	427	Mountain specific hazards and their management	Resilient infrastructure in the Himalayan ecosystem	Disaster and Development Connundrum: A Case Study of Uttarakhand	Jawaharlal Nehru University	Ms. AKANCHHA SINGH
80	436	Multidisciplinary research and best practices	Case studies / Best practices – Nature-based solutions	Water Contamination and Its Impacts on Human Health	Graphic Era Deemed to be University, Dehradun	Mr. Rakesh Pant, Dr. Amit Gupta
81	453	Innovations in disaster risk reduction and resilience	Community action including informal networks	Facilitating community action through state intervention --A call for adoption of improvised models	Jawaharlal Nehru University	Ms. Jnanita Asapu
82	454	Mountain specific hazards and their management	Landslide and Land subsidence	Assessing Landslide Risk and Mitigation Strategies in Pithoragarh-Dharchula, Uttarakhand, India	Graphic Era (Deemed to be University)	Mr. Kavindra Singh Dhami, Dr. Sushant Shekhar, Mr. Rahul Vaishnava, Mr. Gaurav Singh

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83	460	Multidisciplinary research and best practices	Case studies / Best practices – Nature-based solutions	Antimicrobial resistance (AMR): an impending disaster – the role of antibiotic stewardship and AMR Surveillance.	Graphic Era (Deemed to be University)	Mr. Rahul Kumar, Ms. Neha Kamboj, Dr. Navin Kumar, Dr. Pankaj Gautam
84	490	Innovations in disaster risk reduction and resilience	Resilient social infrastructure, reaching the last mile	Soil Distress Studies in Managing Emergency Support to the Flood Impacted Areas	Delhi Technological University; Defence Geoinformatics Research Establishment	Mr. Manoj Kumar Kalra, Prof. Ashutosh Trivedi, Prof. Sanjay Shukla
85	630	Multidisciplinary research and best practices	Innovation and Emerging technologies including EWS	Exploiting microbiome for disaster management in hilly areas	Department of Biotechnology, Graphic Era Deemed to be University, Dehradun	Dr. Payal gupta, Mr. Amit Kumar, Ms. Nikita Singh
86	712	Innovations in disaster risk reduction and resilience	Resilient social infrastructure, reaching the last mile	A Portable Water Purification System Designed for Emergency Purposes Such as Floods & Cyclones (Indian Patent Granted with Patent Number 438227, Dated 14/12/2019)	TRIPURA UNIVERSITY (A CENTRAL UNIVERSITY)	Prof. HARJEET NATH
87	716	Multidisciplinary research and best practices	Innovation and Emerging technologies including EWS	Relevant of synthetic biology for the identification and molecular characterization of novel microorganisms and use the innovation bacterial pathway discovered in nature	Graphic Era Deemed to be University, Dehradun	Mr. Rakesh Pant, Dr. AMIT GUPTA, Ms. Umangjit Kaur
88	724	Multidisciplinary research and best practices	Case studies / Best Practices – Technology, finance, capacity building	Automating Brain Tumor Prognosis Identification Through Deep Learning Technique	Graphic Era University	Ms. Aastha Rana, Dr. Neelam Singh, Ms. Harshita Gupta
89	725	Multidisciplinary research and best practices	Case studies / Best Practices – Technology, finance, capacity building	Streamlining Food Delivery with Advanced Drone Technology and OTP-Based Multi-Delivery Security	Graphic Era University	Mr. Gautam Kumar, Dr. Neelam Singh, Mrs. Vandana Rawat
90	726	Multidisciplinary research and best practices	Case studies / Best Practices – Technology, finance, capacity building	Blockchain Forensics	Graphic Era University	Ms. Anshika Negi , Dr. Varsha Mittal, Dr. Neelam Singh, Mrs. Vandana Rawat
91	747	Multidisciplinary research and best practices	Innovation and Emerging technologies including EWS	Role of Machine Learning & Artificial Intelligence in Disaster Management	University of Illinois Urbana Champaign, USA	Mr. Himadri Banerjee
92	751	Multidisciplinary research and best practices	Case studies / Best practices – Nature-based solutions	Impact of drought stress in different grains and approach to alleviate its effect	Graphic Era (Deemed to be University)	Ms. Sonal Aggarwal, Ms. Akanksha Negi, Ms. Riya Barthwal, Dr. Deepika Kathuria, Dr. Narpinder Singh

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93	757	Innovations in disaster risk reduction and resilience	Strengthening DRR and resilient systems	MahaPECONet - Tech Enabled Disaster Response and Collaboration	Rise Infinity Foundation	Mr. Rajesh Shaiva, Ms. Shilpa Shirwadkar
94	760	Innovations in disaster risk reduction and resilience	Recovery and reconstruction	After Natural Disasters, Rebuilding Transportation Infrastructures – Obstacles and Plans for Prompt Execution	GRAPHIC ERA (DEEMED TO BE) UNIVERSITY DEHRADUN	Ms. Khushboo Uniyal, Ms. ADITI UNIYAL
95	761	Innovations in disaster risk reduction and resilience	Resilient environmental infrastructure	"AI-Enhanced Evacuation Route Planning for Disaster Management: Efficiency and Resilience"	graphic era deemed to be university	Ms. Pallavi Singh, Ms. Ishita
96	771	Multidisciplinary research and best practices	Standards and Certification	Scoping EIA from a Disaster Perspective	Jawaharlal Nehru University, New Delhi	Mr. Vivek Bhanwala, Prof. P K Joshi
97	5	Challenges in tackling DRR issues	Governance and policy issues in DRR	AN ANALYSIS OF POST TSUNAMI DISASTER MANAGEMENT PLAN: A CASE STUDY OF CHENNAI AND KANCIPURAM DISTRICTS. TAMILNADU. Dr. Ashok kumar sahay, Consultant ISS , New Delhi. Dr. Namrata Handique, Department of Geography, Kirori Mal College, University of Delhi.	INSTITUTE OF SOCIAL SCIENCES NEW DELHI AND KIRORIMAL COLLEGE UNIVERSITY OF DELHI	Dr. ASHOK KUMAR And NAMRATA SAHAY And HANDIQUE
98	783	Innovations in disaster risk reduction and resilience	People-centric development	A new disaster management strategy with an emphasis on human-centric development to promote long-term growth and improve the population's socioeconomic status.		Dr. Sumanta Bhattacharya
99	790	Innovations in disaster risk reduction and resilience	Strengthening DRR and resilient systems	Revering ‘Dhoriti’ – the mother Earth: Unpacking the potential of spiritual ecofeminist perspective in gender and disaster risk reduction and resilience	KREA University	Dr. Dr. Sharin Shajahan
100	801	Traditional risk reduction practices and voices from the grassroots	Community-based disaster risk reduction	Forecasting Disaster Management Using WSN	Graphic Era Deemed To Be University	Mr. Rahul Bijalwan, Ms. Akshita Patwal, Ms. Vandana Rawat
101	807	Mountain specific hazards and their management	Emergency preparedness and response in mountain landscapes	Clinico-Epidemiological Profiling of Pilgrims Evacuated To The Emergency Department Of A Tertiary Care Centre With High Altitude Illness: A Retrospective Observational Study	All India Institute of Medical Sciences, Rishikesh	Dr. Nidhi Kaeley, Dr. Madhur Uniyal, Dr. Jewel Rani Jose, Dr. Takshak Shankar

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102	808	Multidisciplinary research and best practices	Innovation and Emerging technologies including EWS	Examining driver sleepiness detection based on visual actions using Haar Cascading and CNN	Graphic Era deemed to be University, Dehradun	Mr. Anshul Rawat, Mr. Karan Sharma, Ms. Vandana Rawat, Mr. Kaushlendra Singh, Dr. Neelam Singh
103	809	Innovations in disaster risk reduction and resilience	Disaster response systems, grassroots approaches	A Bibliometric Analysis of Research Trends of Natural, Emergency and Disaster Management in India from 1990 to 2023 in Scopus Database	Graphic Era deemed to be University, Dehradun	Mrs. Suraiya Rajput, Mrs. Vandana Rawat
104	818	Mountain specific hazards and their management	Community based disaster management and indigenous knowledge	ENVIRONMENT AND CLIMATE CHANGE IMPACT IN UTTARAKHAND PREPARATION AND PREPAREDNESS	Shrimann superspeciality hospital Jalandhar	Dr. Goma Bali Bajaj
105	824	Mountain specific hazards and their management	Landslide and Land subsidence	Indigenous Acoustic emission sensor system for monitoring geohazard events and hazard mitigation	UNIVERSITY OF DELHI	Mr. DEEPAK KUMAR, Prof. Ajit K. Mahapatro, Dr. Sushil Kumar Singh
106	840	Mountain specific hazards and their management	Floods and flash floods in mountains	PROTECTION OF COASTLINE USING GEOTEXTILE TUBES AND PROTECTION OF GEOTEXTILE TUBES WITH CCGM	Signet Eneritech Pvt.Ltd.	Mr. Karan Vyas, Mr. Sanjeev Vyas, Mr. Darshan Khedkar
107	850	Challenges in tackling DRR issues	Climate adaptation for resilience	Promoting Enhanced and Effective Governance for Climate Adaptation (SDG 13), Resilience, Mitigation and Reduction of Loss and Damage		Mr. Aloysius Loy REGO
108	853	Challenges in tackling DRR issues	Climate adaptation for resilience	Climate change Mitigation strategies-Agriculture vulnerability Overview of Rajasthan		Dr. Harish Samaria
109	854	Traditional risk reduction practices and voices from the grassroots	Traditional knowledge and innovations from the grassroots	Relevance of the traditional wisdom of the people of Uttarakhand Himalaya in present times	USDMA	Dr. Piyoosh Rautela
110	855	Mountain specific hazards and their management	Protecting mountain biodiversity and ecosystem services	Review and realignment of the Himalayan development paradigm: A must for DRR and vibrant economic growth	USDMA	Dr. Piyoosh Rautela

S.No.	Abstract ID	Abstract Category	Abstract SubCategory	Abstract Title	Affiliation	Author Name
111	74	Innovations in disaster risk reduction and resilience	Strengthening DRR and resilient systems	ROLE OF SOLAR ENERGY IN DISASTER MANAGEMENT: AN ANALYSIS IN THE CONTEXT OF INTERNATIONAL SOLAR ALLIANCE	School of Law, Bennett University, Greater Noida, India	Ms. Ashish Saraswat, Dr. Garima Tiwari
112	456	Mountain specific hazards and their management	Landslide and Land subsidence	A LANDSLIDE HAZARD ZONATION STUDY IN THE TUINI-PLASU AREA, UTTARKASHI DISTRICT: USING RS & GIS	Uttarakhand State Council for Science & Technology	Dr. Manmohan Singh Rawat, Dr. Durgesh Pant, Mr. Nalin Sharma
113	177	Mountain specific hazards and their management	Seismic risks, earthquakes and mountain environment	Effect of Earthquake on Underground twin-tunnels	National Institute of Technology Hamirpur	Mr. Rahul Shakya, Dr. Manendra Singh, Mr. Kartikeya Tripathi