



PROGRAMME SCHEDULE

VIRTUAL INTERNATIONAL CONFERENCE

on

CHALLENGES TO DISASTER RISK REDUCTION AND RESILIENT HABITAT

April 5-6, 2022

Organised by

**CENTRE FOR DISASTER MANAGEMENT STUDIES
SHAHEED BHAGAT SINGH COLLEGE
(NAAC ACCREDITED 'A' GRADE)
UNIVERSITY OF DELHI SHEIKH SARAI,
PHASE II, NEW DELHI, INDIA**

IN ASSOCIATION WITH

**NATIONAL INSTITUTE OF DISASTER MANAGEMENT
MINISTRY OF HOME AFFAIRS
GOVERNMENT OF INDIA**

INTERNATIONAL GEOGRAPHICAL UNION COMMISSION ON HAZARD AND RISK

&

UNITED NATIONS OFFICE FOR DISASTER RISK REDUCTION

PATRONS

Prof. Anil Sardana Principal, SBSC
Mr. Taj Hassan, IPS, Executive Director, NIDM

CONVENERS

Prof. Poonam Sharma, Director, CDMS
Prof. Anil K. Gupta Head, ECDRM Division, NIDM

INAUGURAL CEREMONY

DAY 1

5th April, 2022 | Tuesday

Date: 5th April, 2022 IST

Time: 9:30 -11:15 AM

GMT +5:30 Hours

Tokyo (in Japan) 1:00 PM
Texas, USA (in Houston) 11:00 PM (4th April)
Manchester(in UK) 5:00 AM
London (in UK) 5:00 AM
Germany (in Berlin) 6:00 AM
Michigan (in USA) 12:00 AM (4th April)
Bangkok (in Thailand) 11:00 AM
South Dakota (in USA) 11:00 PM (4th April)
New Castle (in Australia), 2:00 PM

Meeting Link: <https://bit.ly/internationalconferencecdms>

Platform: ZOOM

Meeting ID: **837 2088 8176**

Passcode: **034028**

Session In-charge

Dr. VAV Raman / Prof. Swati Rajput / Dr. Krishna Murari / Dr. Rashmi Rani Anand

9:30 – 9:35 AM	<i>Invocation and Welcome to Guests</i>
9:35 – 9:40 AM	<i>Welcome Note & Introduction of the Conference by Prof. Poonam Sharma</i>
9:40 – 9:45 AM	<i>Principal's Address by Prof. Anil Sardana</i>
9:45 – 9:55 AM	<i>Address by Mr. Taj Hassan, IPS, Executive Director, NIDM</i>
9:55 – 10:05 AM	<i>Address by Prof. Anil Gupta, Head, ECDRM Division, NIDM</i>
10:05 –10:10 AM	<i>Release of Abstract Volume</i>
10:10 – 10:25 AM	<i>Address by Guest of Honour, Prof. S.C. Rai, University of Delhi</i>
10:25 –10:40 AM	<i>Address by Chief Guest Prof. Santishree Dhulipudi Pandit Vice Chancellor, Jawaharlal Nehru University New Delhi- India</i>
10:40 – 11:10 AM	<i>Address by Keynote Speaker Ms. Ana Cristina Thorland United Nations Office for Disaster Risk Reduction,(UNDRR)</i>
11:10 – 11:15 AM	Vote of Thanks by Dr. V. A. V. Raman
11:15 AM	<i>National Anthem</i>

DAY 1

5th April, 2022 | TUESDAY

PLENARY SESSION I

Theme: Climate Extremes and Building Disaster Resilience

Date: **5th April, 2022**
Time: **11:30 – 1:00 PM (IST)**
GMT +5:30 Hours

<i>Tokyo (in Japan) 3:00 PM</i>
<i>Texas, USA (in Houston) 1:00 AM</i>
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<i>Germany (in Berlin) 8:00 AM</i>
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<i>Bangkok (in Thailand) 1:00 PM</i>
<i>South Dakota (in USA) 1:00 AM</i>
<i>New Castle (in Australia), USA 4:00 PM</i>

Session Chair: Prof. V. P. Sati, Department of Geography, Mizoram University, India

Co-Chair: Dr. Netranand Sahu, Department of Geography, University of Delhi, India

Rapporteur: Dr. Rashmi Rani Anand, Shaheed Bhagat Singh College, University of Delhi

Meeting Link: <https://bit.ly/internationalconferencecdms>

Platform: **ZOOM**

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Session In-Charge

Dr. Amrita Bajaj | Dr. Suraj Mal | Dr. Vishwa Raj Sharma
Centre for Disaster Management Studies, SBSC, University of Delhi, India

Panelists

Dr. Mikio Ishiwatari, Graduate School of Frontier Sciences, The University of Tokyo

Mr. Amit Anand, Principal Consultant, Price Waterhouse Coopers

Dr. Ronald Schumann, Department of Emergency Management and Disaster Science, University of North Texas, USA

TECHNICAL SESSION-I

Theme: Climate Change, Climate Crisis And Disaster Resilience

Date: **5th April, 2022**

Time: **1:45 – 4:15 PM (IST)**

GMT +5:30 Hours

Tokyo (in Japan) 5:15 PM

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South Dakota (in USA) 3:15 AM

New Castle (in Australia), USA 6:15 PM

Session Chair: Prof. Masood A. Siddiqui, Jamia Millia Islamia

Co-Chair: Dr. Manish Kumar, Central University of Haryana

Rapporteur: Shahid Jamal, Research Scholar, Delhi School of Economics

Meeting Link: <https://meet.google.com/dep-uzwk-pdq>

Session In-Charge: Ms. Mita Hussain | Dr. V.A.V Raman | Mr. Ganesh Yadav

S. No.	Author	Papers
1.	Shekhar Kumar, K. Nageswara Rao	Exposure and sensitivity to climate change: A case study of Beas river basin, western Himalaya
2.	Priyanka Biswas, Dr. Nilanjana Das Chatterjee	Climate change induced natural disaster and women susceptibilities to trafficking: A study in the Indian Sundarbans region
3.	Zahid Hossain Khan, Alauddin	Fresh weather for all
4.	Arvind Kumar	Climate Change and vulnerability
5.	Vikrant Mahajan, Riya Sethia, Shashikant Chopde, Nupur Tyagi	Mainstreaming resilience through climate action & disaster risk reduction into the conventional disaster management systems
6.	D. Panda, Rashmi Rani Anand, M. Devi	Impact of tropical very severe cyclonic storm “yaas” of 2021 in Mayurbhanj district of Odisha
7.	Sarish Khera	Annual, seasonal and monthly rainfall trend analysis in Punjab, India
8	Srinivasa Gopinath GS	Climate change and temperature trends, a case study in Guntur district, Andhra Pradesh
9	Toushif Jaman, K. Dharamirajan, Sohel Rana, Kajal Kumar Mandal	Land use and land cover change detection, a case study of super cyclone (1999) and titli cyclone of Bhadrak district, Odisha, India using geospatial techniques.
10.	Meesha Tondon	Need for focus on India’s adaptation agenda

TECHNICAL SESSION-II

Theme: Disasters, Built Environment and Resilient Urban Infrastructure - I

Date: **5th April, 2022**
 Time: **1:45 – 4:15 PM (IST)**
 GMT +5:30 Hours

Tokyo (in Japan) 5:15 PM

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Bangkok (in Thailand) 3:15 PM

South Dakota (in USA) 3:15 AM

New Castle (in Australia), USA 6:15 PM

Session Chair: Prof. B. Srinagesh, Osmania University

Co-Chair: Dr. Anupama Dubey Mohanty, IPE, Hyderabad

Rapporteur: Ms. Shipra Singh, Miranda House, University of Delhi

Meeting Link: <https://meet.google.com/tcy-cihw-nsf>

Session In-Charge: Dr. Rajni Kapoor / Dr. Satyam Mishra / Dr. Janki Jeevan

S. No.	Authors	Papers
1.	Sujata Kodag	Impacts of smart city initiatives on disaster risk reduction of the cities through spatial planning perspective- A case of Pune city
2.	Divyanshi Vyas	Framework to mainstream disaster resilience into the development process: case of Kollam municipal corporation, Kerala
3.	Gurudutt Maheshbhai Pandya, Rama. U. Pandey	Mainstreaming disaster resilience within the national missions for coastal cities: case of Surat
4.	Arghadeep Dasgupta, Shyamoli Sen	Sustainable urban planning – a resilient approach towards future
5.	Vikas Saharan	Disaster, urbanisation and resilient infrastructure
6.	Rashmi Singh, Poonam Sharma	Green infrastructure and nature based solutions approach in Jaipur smart city
7.	Akhil Francis T, C.M. Bhatt	Monitoring urban green infrastructure change in a rapidly developing metropolitan city of northern India, in the wake of a drastic surge in the number of disasters
8.	Shweta Rani	Disaster Resilient Transport and Disaster Risk Preparedness of Delhi Metro during Fire Hazard: A Case Study of Central Secretariat Metro Station, New Delhi
9.	Talom Taloh, Santanu Kumar Patnaik	Risk assessment of built-up area in Itanagar, Arunachal Pradesh

TECHNICAL SESSION-III

Theme: Disasters, Built Environment And Resilient Urban Infrastructure-II

Date: **5th April, 2022**
 Time: **1:45 – 4:15 PM (IST)**
 GMT +5:30 Hours

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New Castle (in Australia), USA 6:15 PM

Session Chair: Prof. B. W. Pandey, Department of Geography, University of Delhi

Co-Chair: Dr. B.R. Thakur, Himachal Pradesh University

Rapporteur: Dr. Arif Hussain, SPM College, University of Delhi

Meeting Link: <https://meet.google.com/uyu-cqti-ueb>

Session In-Charge: Prof. Kavita Arora | Dr. Garima Yadav |Dr. Neha Arora

S. No.	Authors	Papers
1.	Pravin Prakash Kokane	Conceptualizing emergency preparedness and response system in tier-II city of Maharashtra
2.	Sourav Bhadwal, Tanisha Sharma, Manish Kumar	Spatio-temporal dynamics of urban green space: A case study of Delhi
3.	Tanisha Sharma, Manish Kumar, Sourav Bhadwal	Urban crime mapping and analysis
4.	Vishal Gupta, Ashish kumar Bhanuprasad Upadhyay	Spatial- temporal analysis of land surface temperature; A case study of Ahmedabad city
5.	Satyam Mishra, Santosh Kumar	Tracing disaster preparedness at micro-level in India: An empirical study of boatmen at Magh Mela in Allahabad
6.	Narender Verma, Ramesh Kumar Patel	The study of land use change and its impact on land surface temperature in Kanpur city using Landsat data
7.	Sohel Rana, K. Dharanirajan, Toushif Jaman	Assessment of landslide social vulnerability in the Darjeeling district using MCDA based GIS techniques
8.	Neeraj Kumar, Swarnima Singh	A geo spatial study of urban heat island phenomenon in Lucknow district
9.	Vipin Solanki	Valuing the benefit of urban wetland: A Case Study of Basai wetland, Gurugram

TECHNICAL SESSION-IV

Theme: Covid-19 Pandemic: Monitoring, Health And Managing The Risk Reduction

Date: **5th April, 2022**
 Time: **1:45 – 4:15 PM (IST)**
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New Castle (in Australia), USA 6:15 PM

Session Chair: Prof. Tejbir Rana, Shivaji College, University of Delhi

Co-Chair: Dr. P. K. Pathak, Jamia Millia Islamia

Rapporteur: Ekta Raman, Shivaji College, University of Delhi

Meeting Link: <https://meet.google.com/vej-uznf-wbx>

Session In-Charge: Dr. Amrita Bajaj | Dr. Santosh Kumar | Dr. Chandrakanta

S. No.	Authors	Papers
1.	Ariyaningsih, Rajib Shaw	How flooding affects covid-19 spread. Case of Balikpapan city, Indonesia
2.	Ganesh Yadav, B.W. Pandey	A spatio-temporal analysis of district composite health profile (DCHP) in selected EAG states of India.
3.	Kalyan Sardar, Jitendra Shukla	Impacts of dual disasters on human lives: a case study of Kultali block, South 24 Parganas, West Bengal.
4.	Vishwa Raj Sharma, Priya Sharma, Shubham Kumar Sanu	Impact of covid-19 on higher education: a case study of Delhi university
5.	Payal Mahato	Covid - 19 pandemic, monitoring and managing the risk reduction
6.	Humayun Sarkar, Sanjeev Kumar	Knowledge, attitude and behavioral changes toward the covid-19 pandemic outbreak: a population-based survey in Dakshin Dinajpur,
7.	Harshita	Implementation of Covid Appropriate Behaviour: A Study of Rohtak Division
8.	Swati Rajput, Neha Arora	Risk management through life insurance: assessing the covid impact

TECHNICAL SESSION-V

Theme: Disaster in Mountainous Environment

Date: **5th April, 2022**
 Time: **1:45 – 4:15 PM (IST)**
 GMT +5:30 Hours

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Bangkok (in Thailand) 3:15 PM
South Dakota (in USA) 3:15 AM
New Castle (in Australia), USA) 6:15 PM

Session Chair: Prof. Madhushree Das, Gauhati University

Co-Chair: Dr. Renu Bali, Kamal Nehru College, University of Delhi

Rapporteur: Dr. Pooja Mehtani, Dyal Singh College

Meeting Link: <https://meet.google.com/dph-uxjs-nfd>

Session In-Charge: Dr. Suraj Mal |Dr. Shikha Gupta |Dr. Vijay Pandey

S. No.	Authors	Papers
1.	Ankur Sharma, Har Amrit Singh Sandhu	Gis-based multi-criteria evaluation of landslide susceptibility using AHP technique in the Himalayas
2.	Hilal Ahmad Parrey, Irshad Ahmad Thoker, Shamim Ahmad Shah	Analysis of climate change induced disaster events in the north western part of Kashmir Himalayas: a case study of Kashmir valley.
3.	Sana Rafi, Amir Ali Khan, Mary Tahir	Analysing climate variability in Srinagar city, a part of Indian Himalayan region
4.	Ishita Raj	Assessment of vulnerability of mountain slope instability hazard using remote sensing techniques - a case study of Rishiganga river basin, Uttarakhand
5.	Sheetal Rana,Sunil Puri, S.S Samant	An investigation of the variation in tree diversity, regeneration, biomass, and carbon storage along an elevation gradient in a temperate forest in western Himalaya: a case study in Shimla district.
6.	Priyanka Parmar	A geospatial mapping and locational analysis of cloud burst in western Himalaya
7.	Saurav Kumar	Impact and mitigation of climate-induced disasters in the Uttarakhand Himalayas: a case study
8.	Chet Ram, B. P. Naithani	An impact of disasters on human lives of Kullu district (Himachal Pradesh): a geographical analysis

TECHNICAL SESSION-VI

Theme: Disaster Risks Management, Sustainable Resources Management

Date: **5th April, 2022**
 Time: **1:45 – 4:15 PM (IST)**
 GMT +5:30 Hours

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South Dakota (in USA) 3:15 AM
New Castle (in Australia), USA) 6:15 PM

Session Chair: Prof. Santanu Patnaik, Rajiv Gandhi University, Arunachal Pradesh

Co-Chair: Dr. Pravin Kokane, University of Mumbai

Rapporteur: Akash Upadhyay, SPM College, University of Delhi

Meeting Link: <http://meet.google.com/xaj-ovap-qit>

Session In-Charge: Prof. Swati Rajput | Dr. Krishna Murai | Dr. Rashmi Rani Anand

S. No.	Authors	Papers
1.	Arunabh Mitra, Rajib Shaw	Systemic risk from a disaster management perspective: a review of current research
2.	Soumik Das, Jayesh Mukherjee, Milap Chand Sharma	People's perception of risk: an insight of the degraded lands of Sirsa district, Haryana
3.	Jyotirmayee Tudu	Drinking water supply service and disaster risk reduction: a survey of water quality areas of Odisha
4.	Akshay Raj Manocha, Bhart Singh, Uday Bhan, Gaurav Pandey	Sustainable development: future of groundwater management
5.	Caterina Tuci, Gualdemar Jim Añez, Pablo Melo	Intergenerational education challengers in risk management. The case of study: communities of laigua de vargas and laigua de bellavista of the province of cotopaxi ecuador

DAY 1

5th April, 2022 | TUESDAY

PLENARY SESSION II

Theme: Round Table and Film Screening: Urbanization, Disaster Risk Reduction & Adaptive Pathways

Hosted by: Manchester Urban Institute, The University of Manchester, UK

Date: **5th April, 2022**
Time: **4:30 – 6:00 PM (IST)**
GMT +5:30 Hours

Tokyo (in Japan) 8:00 PM

Texas, USA (in Houston) 6:00 AM

Manchester (in UK) 12:00 PM

London (in UK) 12:00 PM

Berlin (in Germany) 1:00 PM

Michigan (in USA) 7:00 AM

Bangkok (in Thailand) 6:00 PM

South Dakota (in USA) 6:00 AM

New Castle (in Australia) 9:00 PM

Indonesia (WIB) 6:00 pm

Session Chair: Dr. Joe Ravetz, Leader Future-Wise Cities

Rapporteur: Dr. Neha Arora, Shaheed Bhagat Singh College, University of Delhi

Meeting Link: <https://zoom.us/mv/synergistics>

Meeting ID: **6381673776**

Session In-Charge: Prof. Poonam Sharma | Prof. Kavita Arora, Centre for Disaster Management Studies, SBSC, University of Delhi, India

Panelists

Dr. Christoph Woiwode

Indo-German Centre for Sustainability, IIT Madras & RWTH Aachen University

Dr. Loraine Kennedy

French Institute Pondicherry & CNRS-EHESS, Paris

Prof. Ismu Rini Dwi Ari

Financial and Resource Affairs of Engineering Faculty,
Brawijaya University, Indonesia

Dr. Lakshmi Rajendran

The Bartlett School of Architecture
University College of London, IRIS, UK

Prof. Sudhir Chella Rajan

Department of Humanities & Social Sciences, IIT Madras, India

DAY 2**6th April, 2022 | WEDNESDAY****Young Scholar Award**

Date: **6/4/2022**
 Time: **8:30 – 10:00 AM (IST)**
 GMT +5:30 Hours

Tokyo (in Japan) 8:00 PM
Texas, USA (in Houston) 6:00 AM
Manchester(in UK) 12:00 PM
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South Dakota (in USA) 6:00 AM
New Castle (in Australia) 9:00 PM
Indonesia (WIB) 6:00 pm

Session Chair: Prof. Ashutosh Mohanty, Madhyanchal Professional University, Bhopal

Co-Chair: Dr. Shruti Kanga, Suresh Gyan Vihar University, Jaipur

Rapporteur: Dr. Gargi Majumdar, SPM College, University of Delhi

Meeting Link: <https://meet.google.com/dep-uzwk-pdq>

Session In-Charge: Dr. V.A.V Raman | Dr. Shikha Gupta | Mr. Ganesh Yadav

S. No.	Authors	Papers
1.	Shahid Jamal	The river of life, death, livelihood and pilgrimage: An assessment of Ganges in Varanasi, Uttar Pradesh
2.	Komal Devra	Indigenous solution for climate change and disaster-resilient agriculture in western Rajasthan
3.	Mir Sumira	Geospatial technology and disaster risk reduction-A progressive consortium
4.	Kaushiki Ishwar	Governance, law and inclusive disaster management
5.	K Khusulio	Feasibility study on LHEF (BIS code) and AHP method for landslide susceptibility zonation: A case study of Mao-Maram Manipur
6.	R. Abarna	A Geospatial analysis of multi-hazard built-up risk in coastal plains of Tamil Nadu
7.	Juri Baruah	Vulnerable geography of Salmora, Majuli: the home of Kumars (potters) in Assam
8.	Kavya Agrawal	Migrant college students during covid pandemic: Evidences from the field
9.	Mohamed Gedi Ahmed	Somali Guidelines for Management for acute malnutrition
10.	Himanshu Kumar	Assessment of flood impact on agricultural land using cloud-based geo-computing platform in North Bihar, India.

DAY 2**6th April, 2022- WEDNESDAY****Poster Presentation**

Date: **6th April, 2022**
 Time: **8:30 – 10:00 AM (IST)**
 GMT +5:30 Hours

<i>Tokyo (in Japan) 12:00 PM</i>
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<i>New Castle (in Australia) 1:00 PM</i>

Session Chair: Prof. Punyatoya Patra, Aditi Mahavidyalaya,
 University of Delhi

Co-Chair: Dr. Lubna Siddiqui, Jamia Millia Islamia
Rapporteur: Dr. Tara Shanker, Bhim Rao Ambedkar
 College, University of Delhi

Meeting Link: <https://meet.google.com/dph-uxjs-nfd>

Session In-Charge: Prof. Kavita Arora | Garima Yadav | Dr. Vijay Pandey

S. No.	Authors	Papers
1.	Shubham Soni, Pawan Kumar	A geospatial mapping of glacial lake dynamics in the Himachal Himalaya
2.	Alok Kumar Gaurav	Combating covid-19 through network governance: networking models used in India for crisis management
3.	CH. Saiteja, B. Venkateshwar Reddy, Bhargavi CH	Green infrastructure and nature-based solutions approach
4.	Shahid Jamal	Unfolding the realities of tribal community: an assessment of Toto tribe
5.	Komal Devra	"Eco-nomy or Eco-tourism" Strength of Rajasthan

DAY 2**6th April, 2022- WEDNESDAY****PLENARY SESSION - III****Theme: Nature Based Solution, Critical Infrastructures and Disaster Resilience****Date: 6th April, 2022****Time: 10:00 – 11:30 AM (IST)**

GMT +5:30 Hours

*Tokyo (in Japan) 1:30 PM**Texas, USA (in Houston) 11:30 AM**Manchester(in UK) 5:30 AM**London (in UK) 5:30 AM**Berlin (in Germany) 6:30 AM**Michigan (in USA) 12:30 AM**Bangkok (in Thailand) 11:30 AM**South Dakota (in USA) 11:30 PM**New Castle (in Australia) 2:30 PM***Session Chair:** Prof. Anuradha Banerjee, CSRD, JNU, New Delhi, India**Co-Chair:** Dr. Suraj Singh Gaur,Suresh Gyan University, Jaipur, India**Rapporteur:** Dr. Anandita Sarkar Chaudhary, IP College of Women's, University of Delhi

Meeting Link:

[**https://bit.ly/internationalconferencecdms**](https://bit.ly/internationalconferencecdms)Platform: **ZOOM**Meeting ID: **837 2088 8176**Passcode: **034028****Session In-Charge:** Dr. Renu Gupta | Prof. Swati Rajput, Centre for Disaster Management Studies, SBSC, University of Delhi, India**Panelists**

Name

Prof. Chris S. Renschler

Director, Landscape-based Environmental System Analysis & Modeling (LESAM) Lab, University at Buffalo (SUNY), USA

Col. Sanjay Srivastava

Chairperson, Climate Resilient Observing Systems, Promotion Council

Dr. Genet Alem Gebregiorgis

International Planning Studies, Technical University Dortmund, Germany

DAY 2

6th April, 2022 | WEDNESDAY

PLENARY SESSION - IV

Theme: Disaster Emergency Response, Technological Innovations and Advancement in Data

Date: **6th April, 2022**

Time: **11:45 – 1:15 PM (IST)**
GMT +5:30 Hours

Tokyo (in Japan) 3:15 PM

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Bangkok (in Thailand) 1:15 PM

South Dakota (in USA) 1:15 AM

New Castle (in Australia) 4:15 PM

Session Chair: Prof. A. R. Siddiqui, Allahabad University, India

Co-Chair: Dr. Swati Thakur, Dyal Singh College, University of Delhi

Rapporteur: Dr. Ankur Srivastav, SPM College, University of Delhi, India

Meeting Link:

<https://bit.ly/internationalconferencecdms>

Platform: **ZOOM**

Meeting ID: **837 2088 8176**

Passcode: **034028**

Session In-Charge: Dr. V.A. V. Raman/ Dr. K. P. Meena

Centre for Disaster Management Studies, SBSC, University of Delhi, India

Panelists

Name

Dr. Laura Siebeneck, Department of Emergency Management and Disaster Science, University of North Texas, USA

Prof. Rajib Shaw, Graduate School of Media and Governance, Keio University, Japan

Dr. Ifte Ahmed, School of Architecture and Built Environment, University of New Castle, Australia

TECHNICAL SESSION-VII

Theme: Geospatial Technologies And Innovations In Disaster Management-I

Date: **6th April, 2022**

Time: **1:45 – 4:15 PM (IST)**
GMT +5:30 Hours

Tokyo (in Japan) 5:15 PM

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Berlin (in Germany) 10:15 AM

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Bangkok (in Thailand) 3:15 PM

South Dakota (in USA) 3:15 AM

New Castle (in Australia) 6:15 PM

Session Chair: Prof. A. Balakishan, Osmania University

Co-Chair: Dr. Shweta Rani, Dayal Singh College, University of Delhi

Rapporteur: Ms. Namita Sharma, Department of Geography, Gauhati University

Meeting Link: <http://meet.google.com/xaj-ovap-qit>

Session In-Charge: Prof. Kavita Arora / Dr. Shikha Gupta / Dr. Rashmi Rani Anand

S. No.	Authors	Papers
1.	Sangita Mahata, Vishwambhar Nath Sharma	Alternative use of abandoned mines for mining tourism: a case study of coal mines in Salanpur Block, district Paschim Bardhaman, West Bengal
2.	Abhinav Galodha, Gnanappazham L.	Geospatial assessment of flood monitoring, vulnerability assessment, reduction and change detection of mangroves and inland wetlands: a GIS and remote sensing approach using QGIS and Google Earth Engine
3.	Uma Bhattacharya	Determining the impact of climate change on doom tourism landscape using geospatial technology: a review
4.	Jiali Song, Takashi Oguchi	Factors influencing Web-GIS applications in educating disaster risk reduction
5.	Hrishikesh Rayadurgam, Shweta Dua, Monika Bahl	Blockchain: innovation in disaster resilience
6.	P. Satya Chandra, P. Sri Lakshmi, B. Praveen Kumar, O. Lakshman, K. H.V. Durga Rao	Development of dynamic weather information dashboard (DWID) using FOSS technologies
7.	Maneesha Paswan, Dipak Prasad	An assessment of green infrastructure using GIS and Remote Sensing on Gorakhpur City

TECHNICAL SESSION-VIII

**Theme: Geospatial Technologies and Innovations In
Disaster Management - II**

Date: **6th April, 2022**
 Time: **1:45 – 4:15 PM (IST)**
 GMT +5:30 Hours

Tokyo (in Japan) 5:15 PM
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Michigan (in USA) 4:15 AM
Bangkok (in Thailand) 3:15 PM
South Dakota (in USA) 3:15 AM
New Castle (in Australia) 6:15 PM

Session Chair: Prof. Devesh Walia, NEHU, Shillong

Co-Chair: Dr. Pankaj Kumar, Department of Geography, University of Delhi

Rapporteur: Dr. Smita Bimal, Swami Saradanand College, University of Delhi

Meeting Link: <https://meet.google.com/dph-uxjs-nfd>

Session In-Charge: Dr. Suraj Mal / Dr. Vijay Pandey / Dr. Janki Jeevan

S. No.	Authors	Papers
1.	Sanjit Kumar, Jitendra Kumar	Multi-Hazard Assessment and Susceptibility Mapping: A Review
2.	Apperdeep Kaur, Balweender Singh	Mapping of water logged areas using Remote Sensing and GIS along the canal in the districts of Faridkot and Sri Muktsar Sahib in Punjab
3.	Shuaib Ahemed, Mary Tahir, Haseena Hashia, Sandesh Yadav	GIS based Spatio-Temporal and Hotspot Analysis to forest fires in Almora District of Uttarakhand, India
4.	Bharati Gogoi, Bikashita Kalita	Watershed Delineation of Tuni River of Majuli Using Arc Hydro Model
5.	Toushif Jaman, K. Dharanirajan, Sohel Rana, Kajal Kumar Mandal	Kappa Coefficient Analysis and Change detection of Land use and Land cover of Bhadrak District, Odisha, India using Geospatial Techniques.
6.	Hemraj Choudhary	Geo-informatics Basis Assessment of Hydrogeological Changes in Sambhar Lake Catchment Area, India
7.	Mohmad Akbara, M. Shafi Bhat, Amir Ali Khan	Role of geo-spatial techniques for snow avalanche management in Kargil – Ladakh region of trans- Himalayas
8	Alinda Hazowary, Dipak Baruah	Change detection of wetland using geo-spatial techniques: a study on tamranga beel of Bongaigaon district, Assam, India

TECHNNICAL SESSION - IX

Theme: Disaster Diplomacy, Green Climate Fund, Governance and law, Role of Mass Media and Social Media

Date: **6th April, 2022**

Time: **1:45 – 4:15 PM (IST)**

GMT +5:30 Hours

Tokyo (in Japan) 5:15 PM

Texas, USA (in Houston) 3:15 AM

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Berlin (in Germany) 10:15 AM

Michigan (in USA) 4:15 AM

Bangkok (in Thailand) 3:15 PM

South Dakota (in USA) 3:15 AM

New Castle (in Australia) 6:15 PM

Session Chair: Prof. Basvaraj Bagade, Rani Channama University, Karnataka

Co-Chair: Dr. Amna Mirza, Shyama Prasad Mukherji College for Women, University of Delhi, India

Rapporteur: Rashmi Singh, Shivaji College, University of Delhi

Meeting Link: <https://meet.google.com/dep-uzwk-pdq>

Session In-Charge: Ms. Mita Hussain / Mr. Ganesh Yadav/ Dr. Chandrakanta

S. No.	Authors	Papers
1.	Amna Mirza	Disaster Diplomacy & new developments in State Relations: Case Study of US & China approach to the first wave of Covid Pandemic
2.	Smriti Upadhyay, Kavita Arora, Rashmi Rani Anand	Disaster Diplomacy and India Nepal Cooperation for Disaster Risk Reduction
3.	Rameshwar Prasad Singh	Problems of Natural Hazards and Natural Disaster Reduction in the South-Asia Region; A Case Study
4.	Anil Kumar	Police in Disaster Management
5.	Neha Verma	Environment awareness : role of social media
6.	B.Venkateshwar Reddy, C. H. Saiteja	Impacts of Green Climate Fund
7.	Ashwani Kumar, Seema	Role of Social Media in Natural Disaster Management
8.	Arvind S. Susarla	Uncertainty and blame: An analysis of newspaper reporting in India during the SARS CoV-2 pandemic

TECHNICAL SESSION - X

Theme: Flood Disaster and Resilience

Date: **6th April, 2022**
 Time: **1:45 – 4:15 PM (IST)**
 GMT +5:30 Hours

Tokyo (in Japan) 5:15 PM
Texas, USA (in Houston) 3:15 AM
Manchester(in UK) 9:15 AM
London (in UK) 9:15 AM
Berlin (in Germany) 10:15 AM
Michigan (in USA) 4:15 AM
Bangkok (in Thailand) 3:15 PM
South Dakota (in USA) 3:15 AM
New Castle (in Australia) 6:15 PM

Session Chair: Prof. Sunil Kumar De, NEHU,
 Shillong

Co-Chair: Dr. Ramashray Prasad, Bhim Rao
 Ambedkar College, University of Delhi

Rapporteur: Dr. Manjit Singh, Miranda House,
 University of Delhi

Meeting Link: <https://meet.google.com/tcy-cihw-nsf>

Session In-Charge: Dr. Rajni Kapoor / Dr. Satyam Mishra / Dr. Santosh Kumar

S. No.	Authors	Papers
1.	Kajal Kumar Mandal, K. Dharanirajan, Tanushree Sarkar	The application of SAR (Sentinel-1A) data for flood inundation mapping of Maldah district, West Bengal, India and its impact on households
2.	Dilip Kumar, Ranjeet Kaur	Assessment of flood prone area for the preparedness and mitigation plan: A case study
3.	Nitin Rathi, P. K. Joshi, Deep Narayan Pandey	Mapping and Zoning of the Flood Hazard Area using Flood Hazard Index [FHI]: A case study of Delhi Flood 2010
4.	Snehashis Alam , Mohan Kumar Bera	Flood hazard and gender vulnerability: a case study of Malda District, West Bengal
5.	Satish Kumar Saini, Deep Narayan Pandey	Identifying flood susceptible zones of a flood prone region of Uttar Pradesh, India
6.	Golam Mostafa, Prasenjit Pal	Is flood boon or bane? -- A case study on Hugli district, West Bengal
7.	Gowhar Farooq Wani, Syed Towseef Ahmad, Rayees Ahmed	Identifying and analysing the dominant social factors that encourages people to inhabit flood-prone areas of Srinagar City, India
8.	Ahmad Rashiq, Atul Kumar	Urban flood risk hotspot zonation using GIS based techniques

TECHNICAL SESSION - XI

Theme: Food Security, Smart Agriculture, Indigenous Knowledge for Sustainable Livelihood

Date: **6th April, 2022**
Time: **1:45 – 4:15 PM (IST)**
GMT +5:30 Hours

Tokyo (in Japan) 5:15 PM
Texas, USA (in Houston) 3:15 AM
Manchester(in UK) 9:15 AM
London (in UK) 9:15 AM
Berlin (in Germany) 10:15 AM
Michigan (in USA) 4:15 AM
Bangkok (in Thailand) 3:15 PM
South Dakota (in USA) 3:15 AM
New Castle (in Australia) 6:15 PM

Session Chair: Prof. N. C. Jana, Burdwan University

Co-Chair: Dr. Swarnima Singh, D.D.U Gorakhpur University

Rapporteur: Dr. Ravi Joseph, Kamla Nehru College, University of Delhi

Meeting Link: <https://meet.google.com/uyu-cqti-ueb>

Session In-Charge: Prof. Swati Rajput / Dr. Renu Gupta / Dr. Neha Arora

S.No.	Author	Papers
1.	Renu Bali	Community based disaster risk management: study of awareness and preparedness to disasters in rural areas of Rajasthan
2.	Rasing Hanse, Pahari Doley	Broom cultivation as a source of livelihood: a case study at Chirilangso village in West Karbi Anglong district of Assam
3.	Rashmi Rani Anand, Poonam Sharma, Pratyush Sinha	Agrivoltaic Systems: Promising models of Climate Resilient Agriculture and Energy Integration
4.	Prasenjit Das	Climate change and its effect on crop production - a case study of Assam
5.	Vinay Kumar	Environmental Conservation in Indian Culture
6.	Akshay Raj Manocha, Bhart Singh, Uday Bhan	Global Prospects of Shale Gas Distribution and the Advancement in the production of Gases

VALEDICTORY CEREMONY

DAY 2

6th April, 2022 | WEDNESDAY

Date: **6th April, 2022**

Time: **4:30 - 6:30 P.M. IST**

GMT +5:30 Hours

Tokyo (in Japan) 8:00 PM

Texas, USA (in Houston) 6:00 AM

Manchester (in UK) 12:00 PM

London (in UK) 12:00 PM

Berlin (in Germany) 1:00 PM

Michigan (in USA) 7:00 AM

Bangkok (in Thailand) 6:00 PM

South Dakota (in USA) 6:00 AM

New Castle (in Australia) 9:00 PM

Meeting Link: <https://bit.ly/internationalconferencecdms>

Platform: **ZOOM**

Meeting ID: **837 2088 8176**

Passcode: **034028**

Session In-charge:

Prof. Kavita Arora / Dr. Suraj Mal / Dr. Neha Arora / Dr. Rashmi Rani Anand

4:30 – 4:35 PM	<i>Welcome of Guests</i>
4:35 – 4:40 PM	Address by Principal and Patron Prof. Anil Sardana
4:40 – 4:50 PM	Summary of Conference Proceedings by Prof. Swati Rajput
4:50 – 5:10 PM	Address by Guest of Honor: Mr. Sanjay Bhatia, UNDRR/ONEA
5:10 – 5:30 PM	Address by Guest of Honor: Prof. Kaushal Kumar Sharma, JNU
5:30 – 6:00 PM	Address by Keynote Speaker: Prof. Takashi Oguchi, The University of Tokyo, Japan
6:00 – 6:20 PM	Address by Chief Guest: Prof. Dilanthi Amaratunga, University of Huddersfield, UK
6:20 – 6:25	Announcement of Best Papers / Poster / Young Scholar Award by Prof. Anil Gupta
6:25 – 6:30 PM	Vote of Thanks by Prof. Poonam Sharma
	Group Photograph