Srushti-Drushti Geospatial Foundation

Mapping for Sustainable Future
Government of India Registered
CIN: U85500WB2025NPL279012

1st International Conference (Online)

on

Mapping Tomorrow: Innovation, Impact and Purpose in GIS (MIP-GIS 2026)

https://mipgis2026.sdgfoundation.org.in

ORGANIZED BY: Srushti-Drushti Geospatial (SDG) Foundation

Programme Schedule

MIP-GIS 2026

ORGANISING COMMITTEE

INTERNATIONAL CONFERENCE | 17–18 NOVEMBER 2026

PATRON
Prof. Brototi Biswas
Professor, Department of Geography & RM, Mizoram University, Mizoram | President, SDG Foundation

CONVENER
Dr. Jayanta Das
Assistant Professor, Rampurhat College, West Bengal | General Secretary, SDG Foundation

CO-CONVENER
Dr. Kuldeep Goswami
Assistant Professor, Dibrugarh University, Assam | Vice-President, SDG Foundation

CO-CONVENER
Dr. Md. Suhail Meer
Assistant Professor, SIMATS, Saveetha University, Chennai | Programme Secretary, SDG Foundation

ORGANISING SECRETARY
Mrs. Gayatri Mawale
Assistant Professor, AISSMS IOIT, Pune | Director SDG Foundation

PUBLICITY SECRETARY
Dr. Shyamlochan Bora
Assistant Professor, D.D.R. College, Dibrugarh, Assam | Director SDG Foundation

TREASURER
Ms. Piu Saha
Director SDG Foundation

SRUSHTI-DRUSHTI GEOSPATIAL (SDG) FOUNDATION

A non-profit Section 8 Company

CIN: U85500WB2025NPL279012 | Darpan ID (NITI Aayog): WB/2025/0682295 |CSR: CSR00095735
Rampurhat, Birbhum, West Bengal, India

Mode: Online	Platform: Zoom	(All timings in IST)

Inaugural Session: 10:30 – 11:50 A.M.

Zoom Joining Link:

https://us06web.zoom.us/j/85282728077?pwd=E3bAWXmg5R50PmqzPNAaG0mZlZ52A1.1

Session operator: Dr. Shyam Lochan Bora, +91 83999 58312

Day 1: November 17th, 2026 (Tuesday)

Timings	Programme
	Host: Mrs. Gayatri Mawale
10:30 - 10:35 A.M.	Welcome & Introduction to SDG Foundation by **Mrs. Gayatri Mawale**
10:35 - 10:40 A.M.	Abstract Volume unveil in the August hands of **Chief Guest Prof. Mahendra Nath Roy**, Ex. Vice-Chancellor, Alipurduar University, Alipurduar, West Bengal, India
10:40 - 10:45 A.M.	**Welcome Address** by **Prof. Brototi Biswas**, President, SDG Foundation
10:45 - 10:50 A.M.	**Inaugural Address** by **Dr. Kuldeep Goswami,** Co-Convener, ***MIP-GIS 2026***
10:50 - 10:55 A.M.	**Special Address** by **Guest of Honour- Prof. Amiya Kumar Panda,** Vice-Chancellor, Rani Rashmoni Green University, Singur, West Bengal, India
10:55 - 11:00 A.M.	**Special Address** by **Prof. Sunil Kumar De,** Professor, Department of Geography, North Eastern Hill University (NEHU), Shillong - 793022, Meghalaya, India
11:00 - 11:05 A.M.	**Concept Note** by **Dr. Jayanta Das**, Convener. ***(MIP-GIS 2026)***
11:05 - 11:45 A.M.	**Keynote Address** on ***Geospatial Applications from Disaster Risk to Resilience: Pathways to Sustainable Himalayan Development*** by **Prof. Debi Prasanna Kanungo**, Chief Scientist & Professor (AcSIR), Geotechnical Engineering and Geohazards (GEGH), CSIR Roorkee India
11:45 - 11:50 A.M.	**Speech and Vote of Thanks** by **Dr. Suhail Mir**, Co-Convener, ***MIP-GIS 2026***
	11:50 - 12:00 Noon -- -- -- -- -- -- -- -- -- -- **Short *Break*** -- -- -- -- -- -- -- -- -- --
	Special Lecture (12:00 - 12:30 P.M.) **Zoom Joining Link:** https://us06web.zoom.us/j/87354358625?pwd=JPBPtGulVdeCQ4hHBKRsZOOg6m0Kau.1 **Session operator:** Dr. Shyam Lochan Bora, +91 83999 58312 **Host: Dr. Chandramallika Biswas**
12:00 - 12:30 P.M.	**Special Lecture** on ***Climate driven glacial lake Hazards in the Sikkim Himalayas India*** by **Prof. Sunil Kumar De,** Professor, Department of Geography, North Eastern Hill University (NEHU), Shillong - 793022, Meghalaya, INDIA
	Plenary Session – I **Zoom Joining Link:** https://us06web.zoom.us/j/87354358625?pwd=JPBPtGulVdeCQ4hHBKRsZOOg6m0Kau.1 **Session operator:** Dr. Shyam Lochan Bora, +91 83999 58312
Co-Ordinator	**Prof. Sunil Kumar De,** Professor, Department of Geography, North Eastern Hill University (NEHU), Shillong - 793022, Meghalaya, India
12:30 - 1:50 P.M.	❖ **Prof. Ranjan Roy,** Professor, Department of Geography and Applied Geography, University of North Bengal. ❖ **Topic**: ***Monsoonal Urban Waterlogging in Sub-Himalayan Cities: A Geo-Environmental Approach for Jalpaiguri Planning Area***
	❖ **Prof. Dwarikanath Ratha,** Professor, Thapar Institute of Engineering & Technology, Patiala, Punjab ❖ **Topic:** ***Groundwater Contamination: Microbial Transport & Fate in the subsurface Media***

	❖ **Prof. A R Siddiqui,** Professor, Department of Geography, University of Allahabad ❖ **Topic**: ***Recent Methodological Advancement in tools and techniques of Geography as a discipline***
	❖ **Prof. Dericks Praise Shukla,** Professor, School of Civil & Environmental Engg., Indian Institute of Technology Mandi, Himachal Pradesh ❖ **Topic**: ***From Susceptibility to Risk Mapping of Landslides in IHR***
Lunch Break **1:50- 3:00 P.M.**	
Parallel Technical Session 1 & 2 **3:00- 5:00 P.M.**	

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Detailed Programme Schedule of Technical Sessions

Day 1: November 17th, 2026 (Tuesday)

Parallel Technical Session 1	
Sub-theme 1	**GeoAI, Remote Sensing & Geospatial Innovation**
Date	**17 Nov 2026**
Session Duration	**3:00pm – 5:20pm**
Chair Person	**Prof. Arun Dhawale,** Professor, Department of Civil Engineering, Dean & Controller of Examinations, PCCOER, Ravet, Pune, India
Co-chair Person	**Dr. Mamadou Traore,** Assistant Professor (Maître-Assistant), University of Bangui, Central African Republic
Session Co-ordinator	**Dr. Amit Kumar Adhikari, +91 86707 21887**
Session operator	Dr. Shyam Lochan Bora, +91 83999 58312
Zoom Joining Link	**https://us06web.zoom.us/j/83053508413?pwd=tdaGL6VBehg4QbfFnM4mPvS5Vun6Mk.1**
Lead Lectures	
Lead Lecture-1 by	**Prof. Dhivya Karmegam,** Professor, Faculty of Medicine and Health Sciences, School of Public Health, SRM Institute of Science and Technology, Chennai
Title of the Lead Lecture-1	**Beyond Maps: Integrating GIS and Social Media Data for Public Health and Disaster Insights**
Timings of Lead Lecture-1	**3:00pm – 3:20pm**
Lead Lecture-2 by	**Prof. Arun Dhawale,** Professor, Department of Civil Engineering, Dean & Controller of Examinations, PCCOER, Ravet, Pune, India
Title of the Lead Lecture-2	**Overview of GIS: Case studies using Remote sensing and GIS**
Timings of Lead Lecture-2	**3:20pm – 3:40pm**

Oral Presentations (3:40-5:20pm)		
SL No.	**Presenter**	**Title of the Paper**
1	Alagulakshmi	Advancing Machine Learning for Groundwater Quality Prediction: Current Challenges, Research Gaps and Emerging Solutions- A Review
2	Antariksha Tamuly	Assessing Rainfall Extremes under Climate Variability Using EVT in the Brahmaputra Basin, Assam
3	Subrata Maity	Climate Change and Future Hydrological Shifts: An Integrated Hydrological Modelling Approach to Water Stress in Tribal Landscapes of Jhargram, India

4	Md Wabidur Rahman	Rapid Flood Inundation Mapping and Cropland Exposure Assessment Using Sentinel-1 SAR and Machine Learning: The August 2024 Floods in Eastern Bangladesh
5	Meriem Hachemi	Contribution of Sentinel-2 Time-Series and Vegetation Indices to the Characterization of Agricultural Land Use in Semi-Arid Region in Algeria
6	Mr. Nakshatra Pal	Dying in the Anthropocene: Centennial Land Cover Shifts and the Severe Hydro-geomorphic Degradation of the Middle Stretch of the Tidal Channel of the Bidyadhari River from Deganga to Malancha, North 24 Parganas, West Bengal, India.
7	Tejaswini Dash	Geospatial Assessment of Urban Heat Island Dynamics and Their Relationship with NDVI and NDMI in the Paradip Port Region, Odisha (1985–2025)
8	Sharon George	Post-2024 Marine Heatwave Benthic Change in Lakshadweep
9	Bidipta Maity	Role of sediment for the scientific understanding of beach morphology: Case study approach
10	Kedovito Chasie	Spatiotemporal Dynamics of Land Use/Land Cover in Two Neighbouring Watersheds of the Southern Naga Hills, Northeast India
11	Megha S N	EcoSense AI: AI-Based Environmental Change Detection in Coorg Using Satellite Data and U-Net Deep Learning

Parallel Technical Session 2	
Sub-theme 1	**Climate Change, Disaster Risk & Resilience**
Date	**17 Nov 2026**
Session Duration	**3:00pm – 5:20pm**
Chair Person	**Prof. Dwarikanath Ratha,** Professor, Thapar Institute of Engineering & Technology, Patiala, Punjab
Co-chair Person	**Dr. Debarshi Ghosh,** Assistant Professor, Department of Geography, Dhupguri Girls' College, Dhupguri, Jalpaiguri, WB, India
Session Co-ordinator	**Dr. Jonmenjoy Barman, +91 70637 70901**
Session operator	**Mr. Toufik Ahmed, +880 1761-106921**
Zoom Joining Link	**https://bdren.zoom.us/j/98678760723?pwd=BbKTzuolaeDb5tBmrpuaNP5lNTYsfj.1**
Lead Lectures	
Lead Lecture-1 by	**Dr. Sulaxana Bharali,** Assistant Professor, CKB Commerce College, Jorhat, Assam
Title of the Lead Lecture-1	**Assessing climatic drivers and multi-scale forecasting of Japanese encephalitis in endemic regions of eastern India**
Timings of Lead Lecture-1	**3:00pm – 3:20pm**
Lead Lecture-2 by	**Dr. Debarshi Ghosh,** Assistant Professor, Department of Geography, Dhupguri Girls' College, Dhupguri, Jalpaiguri, WB, India
Title of the Lead Lecture-2	**Integrating UAV-Based Geospatial Analysis and Multi-Temporal Planform Metrics to Assess River Morphodynamics under In-Channel Mining: Evidence from the Eastern Himalayan Piedmont**
Timings of Lead Lecture-2	**3:20pm – 3:40pm**
Oral Presentations (3:40-5:20pm)	

SL No.	Presenter	Title of the Paper
1	Dr. Chandrakant Madhukar Kadam	Agricultural Drought Risk Assessment and Adaptive Resilience Frameworks in Marathwada, Maharashtra
2	Utrina Neog	Beyond The Boundary: is Kaziranga Under Pressure? A Geospatial Assessment of Environmental Pressure in and Around the Kaziranga National Park
3	Debasish Sarkar	Comparative analysis of Nature Based approach and Ecosystem Based Approach through the lens of carbon credit system at Dalhousie Island
4	Subhamgi TB	Geospatial Approaches to Microplastic Hotspot Mapping in the Kol Wetland, Kerala
5	Dr. Indrajit Poddar	Indigenous Ecological Knowledge, Livelihoods and Ecosystem Services in the Himalayan Foothills: A Systematic Review with Field-Based Evidence from the Bengal Dooars
6	Hemlata Patel	Spatial and Temporal Assessment of Drought Patterns Across Central India Using Multi-Scale Standardized Precipitation Index (SPI) (1980–2024)
7	Pritam Ghosh	Spatio-temporal assessment of the impact of coastal urbanization on land surface temperature and vegetation health in the Kakinada coastal region using Remote Sensing and Geographic Information System (1985-2025).
8	Mannu Wangsu	Spatiotemporal Variability in Temperature Trends across Northeast India during 1951–2020: A District-Level Assessment
9	Moumita Paul	Urbanization Effects on Land Surface Temperature in Shillong Urban Agglomeration,
10	Dr Jayashree Patil Dake	Governing the Geospatial Commons: Open Earth Observation Data, Algorithmic Accountability, and the Geospatial Divide in the Global South

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Detailed Programme Schedule of Technical Sessions

Day 2: November 18th, 2026 (Wednesday)

Opening Ceremony Session (Day-2) **Zoom Joining Link:** **https://us06web.zoom.us/j/81460938680?pwd=Qon8wTBsmEPkXFHqcU2wrki8ykXhbs.1**	
Host: Dr. Sulaxana Bharali	
Timings	**Programme**
10:30 - 10:35 A.M.	Opening ceremony of the 2nd Day and Inaugural Speech by **Dr. Kuldeep Goswami,** Co-Convener, ***MIP-GIS 2026***
10:35 - 10:40 A.M.	Special Address on GIS Day by **Prof. Brototi Biswas, Patron**, ***MIP-GIS 2026***
Plenary Session – II **Zoom Joining Link:** **https://us06web.zoom.us/j/81460938680?pwd=Qon8wTBsmEPkXFHqcU2wrki8ykXhbs.1** **Session operator:** Dr. Shyam Lochan Bora, +91 83999 58312	
Co-Ordinator	**Prof. Debi Prasanna Kanungo,** Chief Scientist & Professor (AcSIR), Geotechnical Engineering and Geohazards (GEGH) CSIR, Roorkee, India
10:40 - 12:30 P.M.	❖ **Dr Ram Prasad,** Director, Society for Resource Planning, Development and Research ❖ **Topic**: Landscape level conservation in central highlands India
	❖ **Prof. Ripudaman Singh,** Professor, Department of Geography, Institute of Science, Banaras Hindu University ❖ **Topic**: ***Geospatial Intelligence for SDG Localization and Development Planning***
	❖ **Dr. Satiprasad Sahoo,** Water Resource Engineer, International Center for Agricultural Research in the Dry Areas (ICARDA), Egypt ❖ **Topic**: ***Nature-Inspired Random Forest with Explainable Artificial Intelligence for Wheat Disease Prediction in Morocco***
	❖ **Dr. Mamadou Traore,** Assistant Professor (Maître-Assistant), University of Bangui, Central African Republic ❖ **Topic**: ***GIS-Based Multi-Criteria Analysis for Groundwater Potential Mapping in Urban Environments: Insights from Bangui, Central African Republic***
Parallel Technical Sessions 3 & 4 **12:30- 2:30 P.M.**	
02:30 – 03:00 P.M.	-- -- -- -- -- -- -- -- -- -- ***Lunch Break*** -- -- -- -- -- -- -- -- -- --
Parallel Technical Sessions 5 & 6 **3:00- 5:00 P.M.**	
05:00- 05:30P.M.	**Valedictory Session**
	Award Declaration; Concluding Speech by Prof. Brototi Biswas, Patron, ***MIP-GIS 2026*** Vote of Thanks by **Mrs. Gayatri Mawale**, Organizing Secretary, ***MIP-GIS 2026***

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Detailed Programme Schedule of Technical Sessions
Day 2: November 18th, 2026 (Wednesday)

Parallel Technical Session 3	
Sub-theme 1	**Disaster Management & Sustainable Infrastructure**
Date	**18 Nov 2026**
Session Duration	**12:30P.M. -2:30 P.M.**
Chair Person	**Dr. Satiprasad Sahoo,** Water Resource Engineer, International Center for Agricultural Research in the Dry Areas (ICARDA), Egypt
Co-chair Person	**Dr. Subhadip Gupta,** Assistant Professor, PG Department of Geography, Asutosh College, Kolkata, WB, India
Session Co-ordinator	**Dr. Arnab Ghosh, +91 89818 09304**
Session operator	Dr. Shyam Lochan Bora, +91 83999 58312
Zoom Joining Link	**https://us06web.zoom.us/j/83602911225?pwd=p5jM5I3aCnmNEcljEUc02SMWgDxFfe.1**
Lead Lectures	
Lead Lecture by	**Dr. Subhadip Gupta,** Assistant Professor, PG Department of Geography, Asutosh College, Kolkata, WB, India
Title of the Lead Lecture	**Mapping of the Priority of Sustainability in the MIP-GIS 2026 from the SDG 2030 Agenda to Viksit Bharat 2047: A Local to Global Approach**
Timings of Lead Lecture	**12:30pm – 12:45pm**

Oral Presentations (12:45-2:30pm)		
SL No.	**Presenter**	**Title of the Paper**
1	Dr. Abujam Manglem Singh	Adaption Strategies Under Different Flood Risk Conditions in Imphal Valley, Manipur
2	Iftikhar Hussain Beigh	Application of Bivariate Statistical Method for Landslide Hazard Assessment along Bandipora-Gurez Road Corridor, Kashmir Himalaya: Implications to Landslide Risk Reduction
3	Anitabha Ghosh	Comparative Assessment of Machine Learning Algorithms for Landslide Susceptibility Mapping in the Kalimpong District, Eastern Himalaya
4	Subham Roy	Comparative Assessment of MLP Neural Network and XGBoost Models for Landslide Susceptibility Mapping in Darjeeling, Eastern Himalaya
5	Dr. Suman Kilania	Flood Hazard and Vulnerability Mapping for Disaster Risk Reduction and Resilience along the Yamuna River near the Western Dedicated Freight Corridor Using QGIS and HEC-RAS

6	Renu Singhal	Hydraulic assessment and design of an elliptical guide bund for Narmada River near the western dedicated frieght corridor
7	Sankar Modak	Loss Function Sensitivity Analysis for Deep Learning-Based Landslide Detection in the Rangpo River Basin, Sikkim Himalaya
8	Suman Das	Modelling Glacial Lake Outburst Flood (GLOF) Hazards from South Lhonak Lake along the Teesta River, Sikkim Himalaya: A Geospatial and Hydrodynamic Approach.
9	Iftikhar Hussain Beigh	Stability Assessment of Road cut slopes along a strategic transportation route NH-701 in the Kashmir Himalaya, India
10	Rajashree Krishna Bharadwaj	Geospatial Intelligence for Localizing the Sustainable Development Goals: A Spatial Decision Support Framework for Inclusive Development
11	Subham Mondal	Spatio-Temporal Assessment of Urban Expansion and Air Quality Dynamics Using Multi-Source Satellite Data and Google Earth Engine (GEE): A Case Study of Kharagpur-I and Kharagpur-II Blocks, West Bengal

Parallel Technical Session 4	
Sub-theme 1	**Agriculture, Food & Water Security**
Date	**18 Nov 2026**
Session Duration	**12:30P.M. -2:30 P.M.**
Chair Person	**Dr. Biswajit Bera,** HoD, Assistant Professor, Department of Geography, Sidho-Kanho-Birsha University, West Bengal, India
Co-chair Person	**Dr. Sulaxana Bharali,** Assistant Professor, CKB Commerce College, Jorhat, Assam
Session Co-ordinator	**Mr. Chhanu Sutradhar,** Assistant Professor, Department of Geography, PD Women's College, West Bengal **+91 76799 78417**
Session operator	**Mr. Toufik Ahmed, +880 1761-106921**
Zoom Joining Link	**https://bdren.zoom.us/j/93712347334?pwd=WuKTaP9SQXpbxHTDaxW8ttbbF7mjnF.1**
Lead Lecture	
Lead Lecture by	**Prof. Dr. Biswajit Bera,** HoD, Assistant Professor, Department of Geography, Sidho-Kanho-Birsha University, West Bengal, India
Title of the Lead Lecture	**Fragile Himalayas under stress: Escalating landslide risks and the Joshimath disaster in the Garhwal Himalayas**
Timings of Lead Lecture	**12:30pm – 12:45pm**
Oral Presentations (12:45-2:30pm)	

SL No.	**Presenter**	**Title of the Paper**
1	Dr. Rajaram Anna Jadhav	Geospatial Assessment of Agricultural Water Stress and Food Security in the Tribal Regions of North Maharashtra, India
2	Dr.Sridharam Sriharsha	Geospatial Assessment of Groundwater Potential for Sustainable Water Resources Management in the Drought Prone Anantapur District, India
3	Junmoni Saikia	Geospatial Assessment of Meteorological Variables and Monthly Tea Production Forecasting in Assam Using Statistical and Machine Learning Approaches
4	Karthik R	Integrating GIS and Multi-Criteria Decision Analysis (MCDA) for Groundwater Potential Zone Mapping in Lingal Mandal, Telangana, India

5	Adithyan S D	Spatio-Temporal Analysis of River Morphological Changes in the Karamana River, Kerala (2000–2025)
6	Anubhav Ghosh	Two Decades of Groundwater Loss in West Bengal from Satellite Gravity, Wells and Radar
7	Mr. Nimba Bhaurao Ahire	GIS-Based Forest Management A New Perspective of Satana
8	Dr. Ampee Tasung	GIS-Based Soil Quality Mapping and Evaluation of Sampling Strategies for Spatial Assessment of Soil Variability in the Mountain Ecosystem of Arunachal Pradesh, India
9	Dr. Bhuvanesh G	Identification and Spatial Mapping of Crop-Suitable Areas Using GIS and Remote Sensing in Hanur Taluk, Karnataka.
10	F. Lalruatdika	Landslide Susceptibility Zonation of Kolasib District, Mizoram using Geospatial Techniques
11	Anupama Chowdhury	Spatial Assessment of Soil Erosion Risk Using the RUSLE Model and Integrated Geospatial Techniques in the Dwarkeswar River Basin

Technical Session 5	
Sub-theme 1	**Sustainable Development, Public Health & Society**
Date	**18 Nov 2026**
Session Duration	**3:00pm -5:00pm**
Chair Person	**Prof. Ripudaman Singh,** Professor, Department of Geography, Institute of Science, Banaras Hindu University
Co-chair Person	**Dr. Niladri Das,** Assistant Professor, Department of Geography, Hiralal Bhakat College, Nalhati, Birbhum, WB, India
Session Co-ordinator	**Mr. Subrata Maity, +91 747 910 1805**
Session operator	Dr. Shyam Lochan Bora, +91 83999 58312
Zoom Joining Link	**https://us06web.zoom.us/j/84946518780?pwd=OR065gZyJX2PrbZI92jR85ndkhyqjb.1**
Lead Lecture	
Lead Lecture-1 by	**Dr. Niladri Das,** Assistant Professor, Department of Geography, Hiralal Bhakat College, Nalhati, Birbhum, WB, India
Title of the Lead Lecture-1	**Beneath the Surface: Safeguarding Groundwater for Our Sustainability in the part of Rarh Bengal, West Bengal**
Timings of Lead Lecture-1	**3:00pm – 3:15pm**

Oral Presentations (3:15-5:00pm)		
SL No.	**Presenter**	**Title of the Paper**
1	Deepa Naik	An Integrated Assessment and Strategic Framework for Sustainable Urban Water Supply in Pune City, India
2	Md Saharik Joy	Biophilic Condition under Urban Expansion: A RS-XGB-XAI Based Assessment in the Kolkata Metropolitan Area
3	Shikharani Rongpi	Changing Landscape of Southwest Peri-Urban Guwahati: A 36-Year Spatio-Temporal Analysis of Land Use/Land Cover Change
4	Dr Nabeel Mujtaba	Impact of Urban Infrastructure Accessibility on Quality of Life and Economic Opportunities: An Empirical Study
5	Abdul Momin Hoque	River Barriers and Rural Accessibility Disparity: A Network-Based Assessment of Travel Time to Essential Services in Koch Bihar District
6	Dr. Harekrishna Manna	Unravelling the Spatial Dynamics of Nighttime Urban Heat: A GeoAI-Based Assessment of Mumbai Metropolitan Region

7	Smt. Nandita Sutradhar	Analysing Spatial Heterogeneity of Trait Emotional Intelligence Quotient among Adolescent Left Behind Girls using Geographically Weighted Regression
8	Dr. Tuniram Kalita	Environmental Health and Social Well-being; A Sociological Interpretation
9	C.Lalhriathlui	Geospatial Analysis of Mental Health Service Accessibility and Its Association with Stigma and Help-Seeking Behaviour Among Residents of Aizawl City
10	Brihaspati Mondal	Urban Green Space, Public Health, and Geospatial Techniques: A Review Toward SDG-Aligned Sustainable City Planning
11	Jannatul Ferdos & Md Wabidur Rahman	Mapping Urban Heat and the Cooling Role of Green and Blue Space in Chattogram City, Bangladesh, Using Landsat and Google Earth Engine (2015–2025)

Technical Session 6	
Sub-theme 1	**GIS & Impact**
Date	**18 Nov 2026**
Session Duration	**3:00pm -5:00pm**
Chair Person	**Dr. Aznarul Islam,** Assistant Professor, Department of Geography, Aliah University
Co-chair Person	**Dr Jayashree Patil Dake,** Assistant Professor in Economics, KPB Hinduja College of Commerce
Session Co-ordinator	**Mr. Asraful Alam,** Assistant Professor, Rampurhat College, Rampurhat, +91 97342 35903
Session operator	**Mr. Toufik Ahmed, +880 1761-106921**
Zoom Joining Link	**https://bdren.zoom.us/j/94461316707?pwd=BJy4voKOUlfzsPl4LbjFbGowumTm8J.1**
Lead Lectures	
Lead Lecture 1 by	**Dr. Aznarul Islam,** Assistant Professor, Department of Geography, Aliah University
Title of the Lead Lecture	**Channel Planform and Bar Dynamics of the Ganga River in India during 1975-2025**
Timings of Lead Lecture	**3:00pm – 3:15pm**
Lead Lecture 2 by	**Er. Anuran Gayali,** Vice President – Business Development Monarch Surveyors & Engineering Consultants Ltd., Pune
Title of the Lead Lecture 2	**From Base Map to Decision Engine: A Problem-First Approach to Geospatial Digital Twins**
Timings of Lead Lecture 2	**3:15pm – 3:30pm**
Oral Presentations (3:15-5:00pm)	

SL No.	**Presenter**	**Title of the Paper**
1	Ar. Sajida Shahnum	Conceptual Framework for Strategic Location Planning of Armed Forces Medical Services in Conflict Zones: A Case Study of Jammu & Kashmir, India
2	SYED SADATH ALI	Coexisting groundwater shallowing and local deepening in Bengaluru Urban District
3	Joyshree Bhowal	Developing an AI-Driven GIS Landslide Early Warning System (LEWS) for the Vulnerable NH-2 Corridor in Aizawl, Mizoram
4	Jyotirmoy Saha	Scale-Dependent Land-Cover Change and Riparian Vegetation Condition in the Nagavali River Basin
5	VIBHA TRIPATHI	Forest Cover Classification and Change Detection Analysis using Machine Learning: A Review

6	Mr. Riju Singha Modak	Spatiotemporal Analysis of Air Quality and Land Cover Changes and Their Influence on Geodiversity Using Google Earth Engine (GEE): A case study of Ranchi City
7	Sabrim Gazi	Spatio-Temporal Dynamics of Sandbars: Physical Dimensions of Six Mid-Channel Bars of the Damodar River, West Bengal (1990–2026)
8	Teisovituo Nakhro	Temporal change of river bankline using DSAS model
9	Arisa Abanmi D Shira	A Geographical Study of changing Matrilineal practices among the Garo Community: A case study of Tura, Meghalaya
10	Sakshi Raje Patwardhan and Dr. Arnab Ghosh	Meander Migration and Floodplain Soil Loss along the data-scarce foreland river in the Himalayas

Valedictory Session
Day 2: November 18th, 2026 (Wednesday)
Zoom Joining Link:
https://us06web.zoom.us/j/84946518780?pwd=OR065gZyJX2PrbZI92jR85ndkhyqjb.1
Session operator: Dr. Shyam Lochan Bora, +91 83999 58312

Host: Dr. Sulaxana Bharali

05:00- 05:30P.M.	**Valedictory Session**
	Awards declaration, Concluding Speech by **Prof. Brototi Biswas**, Patron, ***MIP-GIS 2026*** Vote of Thanks by **Mrs. Gayatri Mawale**, Organizing Secretary, ***MIP-GIS 2026***

Feedback Form
Link: https://forms.gle/m3vjEeMcwj6Ahje76

Contact
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