

IEEE GRSS Student Poster Presentation Competition 2022 (SPP- 2022) and Mapathon

IEEE Geoscience and Remote Sensing Society, Bangalore Chapter and NITK GRSS Student Chapter is pleased to announce the second edition of Student Paper Presentation Competition (SPP -2022) and Mapathon. The abstract submission for SPP-2022 closed on May 31, 2022. The grand finale for the competitions are on June 4, 2022, at an online event. The schedule is as follows. All are welcome!

Online Event Link (MS Teams): <https://bit.ly/3aDqmWH>

	Time	Session Details
Date: 4 th June 2022	9:30 am – 9:45 am	Introduction about IEEE GRSS Bangalore Chapter and SPP Competition
	9:45 am – 10:30 am	Invited Talk 1: Dr. Jaya Sreevalsan Nair, IIIT Bangalore, Bangalore, India, on “Academic Research: How to train your dragon”
	10:30 am – 10:45 am	Break
	10:45 am – 12:30 pm	Paper Presentation: Session - RS and GIS Exclusive Session Chairs: Dr Manohara Pai, MAHE, India and Dr. Vinay S, SR University, Warangal. Papers: <ol style="list-style-type: none"> Gireesh Amareshappa Binjawadagi, NIE, Mysuru 'Estimation of groundwater potential zones in the southern dry agro climatic region using Geoinformatic and AHP technique' Bhagyalaxmi, UVCE, Bengaluru Quantitative Morphometric Analysis of Hemavathi catchment using RS and GIS Techniques Bhagyalaxmi, UVCE, Bengaluru Hypsometric Analysis of Hemavathi Catchment, Using RS and GIS Techniques Amala Jophi Beula, Bharathidasa University Detecting Land Use And Land Cover Changes In Smart Cities of Tamilnadu , India From 2011 to 2021 Using Geospatial Techniques Deepthy Sajeev, Bharathidasan University Assessment Of The Temporal Variations Of Six Smart Cities In Tamilnadu Using Landsat Imagery and Various Indices In GIS And Remote Sensing Techniques Nunna Tagore Sai Priya, IIT Kharagpur Analysis of changing Landuse and associated ancillary information in tourism destinations in India: a case study
	12:30 pm – 1:30 pm	Lunch Break
	1:30 pm – 2:15 pm	Invited Talk 2: Dr. Ujjwal Verma, Manipal Academy of Higher Education (MAHE), Bengaluru, on “How to Conduct Research, Ethics, and Abstracting/Indexing of Journals...”
	2:15 pm – 3:45 pm	Paper Presentation: Session - AI/ML Integrated Geoinformatics Session Chairs: Dr U C Niranjan, Manipal Dot Net and Dr. Prakash P S, ICHEC, Galway, Ireland

		<p>Papers:</p> <ol style="list-style-type: none"> Gokul P, MAHE <i>Texture based Prototypical Network for Few-Shot Semantic Segmentation of Forest Cover: Generalizing for Different Geographical Regions</i> Ishika Shruti, NIIT University <i>AI-based framework to analyze and predict the flow of mid-line channel migration of Subansiri River using remote sensing and GIS</i> Solanki Hiren Nareshbhai, NIT Surathkal <i>Deep Learning for Land Cover Change Detection from High Resolution Satellite Images</i> Arsh Tangri, MAHE <i>Comparison of texture classifiers with deep learning methods for flooded region identification in UAV aerial images</i> Sushant Lenka, MAHE <i>Texture Aware Unsupervised Segmentation for Assessment of flood severity in UAV Aerial Images</i> Rahisha Thottolil, IIIT Bangalore <i>A comparative study of Deep Learning methods for Building Footprint extraction using high spatial resolution WorldView 2 images</i>
	3:45 pm – 4:00 pm	Break
	4:00 pm – 5:00 pm	<p>Paper Presentation: Session – Applications</p> <p>Session Chairs: Dr. Radhika Pai, MAHE and Dr. Bhojraj B E, NMAM Institute of technology Nitte</p> <p>Papers:</p> <ol style="list-style-type: none"> Parth Sanjeev Menghal, Indian Institute of Science Education and Research, Tirupati <i>Lightning climatology of Congo basin</i> Pratibha Prakash, ICAR - Indian Agricultural Research Institute, New Delhi <i>Monitoring surface water area dynamics using Sentinel 2 MSI in Google Earth Engine for semi-arid region</i> Mohit Kesarwani, TERI School of Advanced Studies, New Delhi <i>Drought monitoring using Standardized Precipitation Evapotranspiration Index (SPEI) for Marathwada region, Maharashtra.</i> Anindita Dasgupta, IIIT Bangalore <i>Impact of increased urbanization on Land Surface Temperature: A case study of Bangalore</i>
	5:00 pm – 5:10 pm	Announcement of the results of Mapathon

Organizers: (Contact: ieeegrss.blr@gmail.com)

Dr. Ujjwal Verma, MIT Bangalore	Ms. Rahisha Thottolil, IIIT Bangalore
Dr. M. C. Chandan, NIE Mysore	Mr. Vasala Saicharan, NITK Surathkal