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Posters for 43rd INCA International Conference
Venue: Hall-E (2nd Floor RC-W Main Building)

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1	Geospatial Blockchain: A Catalyst for Smart Governance and Sustainable Development	Mary Chingthianhoih TERI School of Advanced Studies
2	Contribution of Geospatial Technologies in Promoting Sustainable Agriculture and Irrigation Resources Study with Reference to Pali District (Raj.)	Sukhdev Meghwal Jai Narain Vyas University
3	Assessment of Land Use and Land Cover Change using Geospatial Techniques in Raichur District, South India	Degu Zewdu, Muralee C Krishnan Amrita Vishwa Vidyapeetham
4	LULC Changes after State Formation: A Case Study of Chhattisgarh	Manju Tiwari ^{1,2} Prasun Kumar Gupta ¹ ¹ Indian Institute of Remote Sensing ² Indira Gandhi Krishi Vishwavidyalaya
5	Spatio-Temporal Analysis of Land Use and Land Cover Changes in Bhaniyana Tehsil of Jaisalmer District Using Remote Sensing and GIS Techniques	Deendayal, Om Prakash Jai Narain Vyas University
6	Dynamics of Land use Land Cover Change (LULCC) using Geospatial Techniques	Sunil Madde, Akash Rathod, Rama Subramoniam S, B Mahalingam, Vishwanath B.C, Ramachandra Hebbar Central University of Karnataka
7	Rice Yield Estimation Using Semi-Physical Approach at Village Level in Northern parts of Haryana	Dharmendra Singh, Praveen Sharma, Sultan Singh Haryana Space Applications Centre
8	Parcel Level Crop mapping using Temporal Satellite Data and Machine Learning Techniques.	Gali Brahmavar ¹ , Nagashree M. K ² , S. Rama Subramoniam ² , Muskan Sindagi ¹ , R Ganiger ¹ , R. Hebbar ² ¹ Karnataka State Rural Development and Panchayat Raj University ² Regional Remote Sensing Center-South, NRSC, Bengaluru

9	Mapping Cropping Intensity Using Sentinel-2 and Google Earth Engine (GEE) for two Contrast Years in the Western Part of West Bengal	Debarati Bera, Dipanwita Dutta Vidyasagar University
10	Estimation of Surface Soil Moisture from Agricultural Lands Using Multi-Spectral Optical satellite data: A Study of Bhagwanpur-I CD Block, East Medinipur, West Bengal, India.	Goutam Kumar Das Vidyasagar University
11	Protected Cultivation in Haryana: A Geospatial Analysis	Abhishek Goyat Survey of India
12	Toposequence Wise Crop Suitability for Agricultural Sustainability in Red and Lateritic Terrain of Bankura District of West Bengal	Indrajit Chowdhuri, Subodh Chandra Pal The University of Burdwan
13	Multipoint Statistics and Directional Distribution of Future Trend of Vegetation Dynamics in the Hindu Kush Himalaya Region	Nashim Nawaz, Aaisha Fatma, Nehal Ahmad, Mohd Sayeed Ul Hasan Aliah University
14	Development of a Cloud-based Application for the Assessment and Monitoring of Waterbodies in Haryana	Dharmendra Singh, Parveen Kumar, Sultan Singh Haryana Space Applications Centre
15	A Comparative Assessment of Ground Water Resources using GRACE and Ground data in highly populated regions of Haryana, India	Dharmendra Singh, Nandi Sharma, Tripti Singhal, Sultan Singh Haryana Space Applications Centre
16	Geospatial Approach for Land and Water Resource Development Planning for Dausa District of Rajasthan	Subhajit Roy ¹ , Sagar Subhashrao Salunkhe ^{1*} , Suparn Pathak ² , Rakesh Paliwal ¹ ¹ Regional Remote Sensing Centre West, NRSC, Jodhpur ² Regional Remote Sensing Centre East, NRSC, Kolkata
17	Spatially Distributed CN Technique and Earth Observation Data Sets for Grid Wise Runoff Assessment in Sarasvati River Catchment	Sagar Subhashrao Salunkhe ¹ , Gaurav Kumar ¹ , Apurba Kumar Bera ¹ ¹ Regional Remote Sensing Centre West, NRSC, Jodhpur
18	GIS Based Groundwater Quality Assessment and Pollution Index of Bankura District, West Bengal, India	Subhasish Sutradhar ¹ , Prolay Mondal ² ¹ National Atlas and Thematic Mapping Organisation ² Raiganj University
19	Crop Yield & Acreage Estimation using Sentinel Data: A Case study of Varanasi District, Uttar Pradesh, INDIA	Sunita Singh Central University of South Bihar
20	Monitoring ecological crisis of Kolkata Metropolitan Area using spatial technology	Pritam Mitra Central University of Punjab

21	Assessing The Impact of Urbanization on Shrinking Surface Water Sources in Salem City Using Geospatial Technology	V. Rengan ¹ , M. Kirithiga ² and S. Vinothkanna ³ ¹ Government Arts College, Salem ² Department of Geography, M.V. Muthiah Government Arts College for Women, ³ Department of Geography, Government Arts College, Coimbatore
22	Role of ENM, GeoCAT and Arc-GIS software's in Conservation, mapping and IUCN Assessments of Threatened Palms in Andaman & Nicobar Islands (ANI's), India	C.S. Purohit, Bishnu Charan Dey, L.J. Singh, Vivek C.P. Arid Zone Research Institute, Jodhpur
23	Carrying Capacity Assessment of The Tourist Spots: A Case Study in Kolkata and Its Adjacent Area, West Bengal, India	Ankita Chakraborty Rabindra Bharati University, Kolkata
24	Investigation of buried archaeological sites using Satellite images, GIS processing and 2D/3D Resistivity Survey in parts of Rajasthan	Ashish Kumar Jain, Hansraj Meena RRSC-W, NRSC/ISRO
25	Monitoring and Assessment of the Jodhpur Mining Area Using Remote Sensing and GIS	S.K.Yadav, S.L. Borana Defence Laboratory, Jodhpur-342011
26	Forest Biomass Estimation using Multi Frequency SAR Data	Rakesh Fararoda ¹ , Souvik Maji ¹ , Rakesh Paliwal ¹ , G Rajashekar ² , A K Bera ¹ , S K Srivastav ³ ¹ Regional Remote Sensing Centre-West, NRSC, ISRO, Jodhpur. ² Regional Forestry & Ecology Group, National Remote Sensing Centre, ISRO, Hyderabad. ³ Regional Remote Sensing Centre, national Remote Sensing Centre, ISRO, New Delhi
27	Multi-crop Classification using Multispectral Satellite Data and Machine Learning Algorithms – A feasibility Study	Manish Verma ¹ , Sushilkumar B. Rehpade ² , Kumare Darshana Rakesh ³ , Rakesh Paliwal ¹ , AK Bera ¹ , SS Rao ⁴ ¹ Regional Remote Sensing Centre – West ² Regional Remote Sensing Centre -Central ³ Squadron Infra and Mining Private Limited ⁴ National Remote Sensing Centre, Hyderabad
28	Land Surface Temperature and Urban Heat Island: A Case Study of Faridabad City	Deepak Lohan ¹ , Gaurav Kalotra ¹ , Abhishek Malik ¹ ¹ Panjab University, Chandigarh
29	Analysis of drought patterns in the Gundar River Basin utilizing diverse indices derived from Ground and Remote Sensing Data	Ilamathi Rajendran Madurai Kamaraj University, Madurai
30	Enhancing Drought Monitoring through Satellite Imagery: Integrating NDVI, Drought Index, and Vegetation Change Detection Analysis Using MODIS	S.K.Yadav, S.L. Borana Defence Laboratory, Jodhpur

31	Bharatmala Pariyojana Initiative in Rajasthan: Roadmap to Achieve Sustainable Development Goals (SDGs)	Ayan Bera, Koushik Ghosh, Subham Roy Birla Institute of Technology and Science - Pilani
32	Predicting Cross-Country Mobility of Vehicles over Desert Terrain Using Geospatial Technologies	Rohit Malhotra Ex- Army
33	Physical Features of Ram Setu/Adam's Bridge: Interpretations from ICESat-2 Based High-Resolution Digital Bathymetric Elevation Model	Giribabu Dandabathula ¹ , Koushik Ghosh ¹ , Subham Roy ¹ , Apurba Kumar Bera ¹ , Sushil Kumar Srivastav ² ¹ Regional Remote Sensing Centre – West, NRSC, Jodhpur ² Regional Centres, NRSC, New Delhi
34	Application of Geospatial Techniques in Agricultural Resource Management	Kishan Kumar Maharana Pratap University of Agriculture and Technology
35	Past LULC prediction using CA-Markov and MOLUSCE Models	Sana Rafi, Nitesh Kumar Mourya, Pragati Verma Jamia Millia Islamia
36	Site Suitability Evaluation for Nature-based Tourism Using GIS and AHP: A Case Study of Kashmir Valley, India	Shamim Ahmad Shah, Peer Jeelani, Huma Rashid, Farzana Ahad, Mir Sumira University of Kashmir
37	Exploring Potentials and Challenges in Urban Development: A Case Study of Ballia City, U.P., India	Chhaya Mishra Banasthali Vidyapith
38	Approach to ecosystem service assessment based on urban form in a tropical city of Lower Gangetic Plain, India	Swarnava Dey Jadavpur University
39	Urban Expansion in Peri Urban Hisar, Haryana using Geospatial Technology	Rahul Panjab University
40	Dynamics Of Peri-Urban Land Transformation Using Geospatial Technology: A Case of Panipat City, Haryana, India	Preeti Panjab University
41	Application Of Remote Sensing Technique to Identify the Urban Heat Island: A Case Study of Coimbatore City	Sreelakshmy M Nirmala College For Women, Coimbatore
42	Crime Hotspot Detection Using Statistical and Geospatial Methods of London, England	Shwetambari Shrinivas Satpute, Majahar Shabbir Shaikh Suresh Gyan Vihar University
43	Effect of climate change on the distribution pattern and range shift of Himalayan woodpecker (<i>Dendrocopos Himalayensis</i>) in Uttarakhand using GIS techniques	Parul Bhatnagar Gujarat Forest Department
44	Flood Mapping and Monitoring Using Microwave Remote Sensing	Shivani Pathak, Priyanka Tuteja ESRI R&D Center India

45	Drought Mapping Using Multispectral Satellite Imagery and Deep Learning	Shivani Pathak, Priyanka Tuteja ESRI R&D Center India
46	Decline, Misuse and Degradation of Government/Common Lands in Rajasthan: A Geographic Analysis	Abha Mayank Shri Sohan Lal Manihar Girls Senior Secondary School, Jodhpur