43rd INCA International Congress
06-08 November 2023 - Jodhpur

Day 2: Technical Session 2-D | 07 November 2023, 11:30 – 13:00 hrs
Venue: Hall-D (Ground Floor, RC-W Main Building)

Environment & Ecology

Chair: …………………........ Co-chair: …………….……..…… Rapporteur: ………………………….

Sl No.	Title	Authors
1	Assessment of forest fragmentation in the Sub-Himalayan region in Haryana state and adjoining area	Poonam Chandel Panjab University
2	Estimation of soil loss in Mandakini River Watershed on sub watershed scale using RUSLE model and Geospatial technology	Neeraj Bohat, Varun Joshi Guru Gobind Singh Indraprastha University
3	Assessment and Application of Geo-spatial Technology for Sustainable Development Planning in Tehri Garhwal, Uttarakhand	Kutti Rawat Hemwati Nandan Bahuguna Garhwal University
4	Assessment of land degradation and its impact on Agriculture in Pali (Rajasthan): A remote sensing based analysis	Vishwmaitri Sekhawat Govt. Bangur PG College Pali
5	Mapping and Analysis of Ecosystem Services of East Kolkata Wetlands	Pawan Kumar Yadav Jamia Millia Islamia
6	Assessing the Resilience of Surface Water Bodies to Population Outbursts and Climate Fluctuations	Aakash Verma[1], Kunal Lende[1], Srashti Singh[2], and Anugya Shukla[3] [1]Tata Institute of Social Sciences [2]Indian Institute of Technology - Roorkee [3]Indian Institute of Technology - Jodhpur
7	Assessing Significant Changes in The Geomorphology and Biological Productivity of Chilika Lagoon Under the Influence of Natural Events and Anthropogenic Interventions	Kumbhakarna Mallik, Krishna Pada Bauri C.V. Raman Global University
8	Vegetation Dynamics in Open Cast Mining-Dominated Regions of Eastern India: Insights from Time-Series Landsat Satellite Data	Avinash Kumar Ranjan, Amit Kumar Gorai National Institute of Technology - Rourkela
9	Geospatial Based Trend Assessment of LULC Influences on Groundwater Depth Levels: A Case Study of South Delhi Region	Deepanshi Tanwar Guru Gobind Singh Indraprastha University

10	Application of Geospatial technologies in Landscape Assessment: Upper Alaknanda River Basin	Deepa Bhattacharyya University of Calcutta, Kolkata
11	Quantifying the Impact of Higher-Order Branches on QSM-Based Volume Estimation of Trees Using Simulated Terrestrial LiDAR Data	Moonis Ali[1], Bharat Lohani[1], Markus Hollaus[2], Norbert Pfeifer[2] [1]Indian Institute of Technology - Kanpur [2]TU Wien, Vienna, Austria