



06-08 November 2023 - Jodhpur

Day 2: Technical Session 3-C | 07 November 2023, 15:30 – 16:30 hrs

Venue: Hall-C (1st Floor, RC-W Main Building)

Meteorology and Climate Change Studies

Chair: Co-chair: Rapporteur:

SI No.	Title	Authors
1	Climate Change Impacts on Runoff and Sediment Yield	Arpit Chouksey ¹ , Subashisa Dutta ² ¹ Indian Institute of Remote Sensing ² Indian Institute of Technology - Guwahati
2	Quantification of Forest Degradation Area and its Contribution to Global Climate Change: A Case Study in Asia's Largest Dense Sal Forest, Saranda, Jharkhand, India	Subhas Garai, Sanup Mandal, Sk Mujibar Rahaman, Sraboni Bhattacharya Pakrasi National Atlas and Thematic Mapping Organisation
3	Synergy of Satellite and In-Situ Data for Foliar Dust Approximation in Coal Mining Regions	Avinash Kumar Ranjan, Amit Kumar Gorai NIT - Rourkela
4	Increase in Land Surface Temperature and Urban Thermal Field Variance Index (UTFVI) Phenomenon Observed at the Eastern Himalayan Urban Centers of India	Veedhya Chetty ¹ , Sabarinath D ² , I.K Manonmani ¹ ¹ Madurai Kamaraj University ² Indian Institute for Human Settlements
5	Investigation Of the Spatiotemporal Variability of Meteorological Parameters Associated with The Extreme Rainfall Events Using Indian Geostationary Satellite Data	Ahana Mukhopadhyay, Charu Singh Indian Institute of Remote Sensin