
Personal Details

Name : Dr. Durlov Lahon
Designation : Assistant Professor, Department of Geography
Pub Kamrup College, Kamrup, Assam
Joining Date : 01-12-2025



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Academic Details

HSLC:

SEBA (2009), Kalakata HS School, Charaideo, Assam.

HS:

AHSEC (2011), Sapekhati HS School, Charaideo, Assam.

Bachelor's Degree:

Gargaon College (2014), Dibrugarh University, Assam, India.

Post Graduate:

Dibrugarh University, Assam, India (2016).

M.Phil:

Gauhati University, Assam, India (2020)

PhD:

Gauhati University, Assam, India (2024)

Other Qualification

UGC National Eligibility Test (NET)- Lectureship:	2017
UGC National Eligibility Test (NET)- Lectureship/Junior Research Fellow (JRF):	2018
Senior Research Fellow (SRF) at Gauhati University:	2020

Research Publications:

1. 'Assessment of Ecosystem Service Value in Response to LULC Changes Using Geospatial Techniques: A Case Study in the Merbil Wetland of the Brahmaputra Valley, Assam, India'; **ISPRS- International Journal of Geoinformation (IJGI) (MDPI)**; 2023, **Impact Factor: 3.4**
2. 'Assessing the impacts of current and future changes of the planforms of River Brahmaputra on its land use-land cover'; **Geoscience Frontiers (Elsevier)**, 2023. **Impact Factor: 8.9**
3. 'Projected trends in ecosystem service valuation in response to land use land cover dynamics in Kashtwar High Altitude National Park, India'; **Landscape and Ecological Engineering (Springer)**, 2024, **Impact Factor: 1.9**

Curriculum Vitae

4. 'Modelling on assessment of flood risk susceptibility at the Jia Bharali River basin in Eastern Himalayas by integrating multicollinearity tests and geospatial techniques', **Modeling Earth Systems and Environment (Springer)**, 2023, **Impact Factor: 2.9**
5. 'Evaluating Flood Susceptibility in the Brahmaputra River Basin: An Insight into Asia's Eastern Himalayan Floodplains Using Machine Learning and Multi-Criteria Decision-Making', **Earth Systems and Environment (Springer)**, 2023, **Impact Factor: 4.7**
6. 'Geospatial modeling to assess the past and future land use-land cover changes in the Brahmaputra Valley, NE India, for sustainable land resource management'; **Environmental Science and Pollution Research (Springer)**, 2022, **Impact Factor:**
7. 'Land Use and Land Cover Change Monitoring and Prediction of a UNESCO World Heritage Site: Kaziranga Eco-Sensitive Zone Using Cellular Automata-Markov Model'; **Land (MDPI)**, 2023, **Impact Factor: 3.2**
8. 'Growth of water hyacinth biomass and its impact on the floristic composition of aquatic plants in a wetland ecosystem of the Brahmaputra floodplain of Assam, India'; **PeerJ**, 2023, **Impact Factor: 3.06**
9. 'Shifting Sands: Assessing Bankline Shift Using an Automated Approach in the Jia Bharali River, India'; **Land (MDPI)**, 2023, **Impact Factor: 3.2**
10. 'Physico-chemical properties of water and its impact on the species diversity of aquatic plants at Disangmukh wetland of Assam, India'; **Ecology, Environment and Conservation**, 2022.
11. 'Analysis of Land-use and Land-Cover Change Detection Using Geospatial Technology of Biswanath District of Assam, India'; **Environment and Ecology**, 2022.

Published Book Chapters with ISBN

1. 'Wetland Resources and Livelihood in Assam'; **Resources Management and Livelihood Issues: Regional and National Perspectives**, 2022.
2. 'Estimating Erosional and Aggradational Changes in the Riverine Island Majuli using Landsat Data'; **HYDROLOGY: Application of Remote sensing and GIS**.

Presentations of Conferences/ Symposia/ Workshops:

1. NRDS-DST Summer School on Geospatial Technologies (Workshop), 03 - 23 July, 2019, Department of Geography, Gauhati University, Guwahati, Assam, India.
2. DST-SERB Sponsored National Level Workshop, 15 - 22 March, 2023, Department of Geography, Gauhati University, Guwahati, Assam, India.
3. National Workshop on General Relativity and Astronomy (NWGRA-18), 4th – 6th January, 2018, Department of Physics, Tinsukia College, Assam, India.
4. Environmental Degradation and Its effects in India with Special Reference to North East Region (National-level Seminar), 22-23 September, 2017, Department of History and Economics, Jorhat Kendriya Mahavidyalaya, Jorhat, Assam.
5. Sustainable Agriculture in North East India: Issues, Policies, and Way Forward (National-level Seminar), 24th August, 2019, Department of Economics, Gargaon College, Simaluguri, Assam, India.