

Profile:

1. Name: DR. CHINMOYEE BORPUJARI
2. Designation: Assistant Professor
3. Department: Geography
4. Area of specialization: Fluvial Geomorphology
5. Date of Joining: 24-02-2021
6. Email id: chinmoyeeb@gmail.com
7. Mobile Number: 7002587684/9401564058
8. Award (if Any):
 - H.P. Das Memorial Award For securing 1st Class 1st position.
 - Dipali Borthakur Award for securing 1st Class 1st position among Universities of North-East India.

List of Publication

Book Chapters:

1. Borpujari, C., 2017. *Environmental Challenges of Climate Change in North East India: A Geo-Environmental Analysis*. In: Climate Change Mitigation and Technologies for Adaptation, IC3MTA, Shillong, India.
2. Borpujari, C., 2020. *Environmental Changes and Its Interrelationship with Covid-19: A Case Study of Assam*. In: COVID-19: The New Economics for Economies, Kabod Limited, Damatru.
3. Borpujari, C., 2020. *Adaptation to the Post Pandemic World: A Behavioural Study*. In: Lockdown Life, Ambispere, India.
4. Borpujari, C., & Mahanta, M. (2021). *Challenges of Online Education for Students in Rural Areas of Kamrup District, Assam*. In Online Teaching-Learning: Issues and Challenges (pp. 63-68). Badan Barman & Kankana Baishya (Eds.).

Research Papers:

1. Borpujari, C., 2014. Problems of River Erosion in Majuli, Assam, India: A Geo-Environmental Analysis. *Impact: International Journal of Research in Applied, Natural and Social Sciences (IMPACT: IJRANSS)*. Vol. 2(11), ISSN:2321-8851.
2. Borpujari, C., Gogoi, L., 2015. Environmental and social impact of River Basistha in Guwahati city, Assam: A Geographical Analysis. *IJIRSSC: An International Journal for Interdisciplinary Research in Science, Society, and Culture*. Vol. 1(1), ISSN: 2395-4345.
3. Borpujari, C., and Bora, A. K., 2020. A Terrain Based Landcover Change Analysis of Assam-Meghalaya Foothills Bordering Kamrup Metro District, Assam. *Journal of Critical Review*. Vol. 7(19). ISSN: 1933-8007.
4. Borpujari, C., 2020. Changing Role of GIS Technology in Social Science Research and Development: A Geographical Analysis. *Sambodhi*. Vol. 10(9). ISSN: 2249-6661.
5. Borpujari, C., 2020. The Emerging Role of GIS Technology In Covid-19 Response, *Sambodhi*. Vol. 10(9). ISSN: 2249-6661.

6. Borpujari, C., and Bora, A. K., 2020, Geo-Environmental problems associated with the Assam-Meghalaya Foothills of Goalpara District, Assam, *Kala : The Journal of Indian Art History Congress*, Volume-26, No.2(VI) : 2020-2021, Volume-26, No.2(VI) : 2020-2021.
7. Borpujari, C., and Bora, A. K., 2021. Conservation of Forest in the Assam-Meghalaya Foothills of Kamrup District, Assam, *International Journal of Modern Agriculture*, Volume 10, No.1, Page- 851-856. ISSN: 2305-7246.
8. Borpujari, C., and Bora, A. K., December 2021. GIS-Based Digital Terrain Analysis of Assam-Meghalaya Foothills in Kamrup District, Assam, *Nature Environment and Pollution Technology*, Volume 20, Issue No 4, Page- 1765-1771
9. Borpujari, C., and Borpujari, M., March 2022. Sustainable Water Resource Management Using Rainwater Harvesting Technology: With Special Reference to North-East India, *Bhogdoi*, Volume 7, Page- 53-60, ISSN-2278 3431.
10. Borpujari, C., July 2022. Challenges Of Women's Security During Covid Scenario in Rural Areas of Kamrup District, Assam, *Purana*, Vol. LXIV, No. 1 (IV), ISSN : 0555-7860, Page- 134-137, ISSN-2278 3431.

List of presentation in National /International Seminars

1. Chinmoyee Borpujari, 2014. "Environmental and social impact of River Basistha in Guwahati city, Assam: A Geographical Analysis". In: 46th Regional Science Conference & National Seminar on Underdevelopment of North East Region and the Indian State organized by Department of Geography, North-Eastern Hill University, Shillong, Meghalaya.
2. Chinmoyee Borpujari, 2015. "Urban Planning and natural disasters: A case study of Guwahati city, Assam". In: 36th Indian Geographer's meet and International Seminar on Environmental changes and challenges: Local, regional and global perspectives, organized by Department of Geography, Gauhati University.
3. Chinmoyee Borpujari, 2015. "Sustainable Water Resource Management Using Rain Water Harvesting Technology With Special Reference To Northeast India". In: 37th Indian Geography Congress (NAGI) & National Seminar on Tourism, Resources, Environment and development using GIS and Remote Sensing Techniques organized by Department of Geography, University of Jammu.
4. Chinmoyee Borpujari, 2016. "Environmental Challenges of Climate Change in N.E. India: A Geographical Analysis". In: International Conference on Climate Change and Mitigation and Technologies for Adaptation organized by Department of Geography, UTM, Shillong, Meghalaya.
5. Chinmoyee Borpujari, 2017. "Environmental Challenges in the Assam-Meghalaya Foothills India: A Geographical Analysis". In: International Earth Science Conference (IESC) on Challenges in Sustainable Resource Management and Way Forward organized by the Department of Earth Science, USTM, Meghalaya.
6. Chinmoyee Borpujari, 2020. "Environmental Change and effects of a pandemic on society: A case study of Assam". In: International Webinar on A Discourse on Changing Scenario of Human Life: Present and Post Corona Period organized by Department of Geography, Badri Vishal Postgraduate College, Farrukhabad, U.P.
7. Chinmoyee Borpujari, 2020. "Changing Land use Land cover Scenario and its impact on the Geo-Environment of Assam-Meghalaya Foothills: A case study of Kamrup District", Assam. In: IGU-

India International E- Conference on Implications of Covid-19 on Local & Regional Sustainable Development: A Global Perspective organized by in collaboration with IGU -Commissions on Local and Regional Development; Commission on Geo-Heritage.

8. Chinmoyee Borpujari, 2020. "Geo-Environmental problems associated with the Assam-Meghalaya Foothills of Goalpara District, Assam". In: International E-Conference on "Borderless Growth, Equality, and Sustainable Development: The Pathway to Human Welfare, organized by Machashebeth Geographically (Geography Awareness Forum), Department of Geography, Isabella Thoburn College, Lucknow.
9. Chinmoyee Borpujari, 2020. "Environmental Changes and its Interrelationship with COVID-19: A Geo-Environmental study of Assam". In: International Webinar on Three Days International Webinar on Covid-19 and Its Impact on Global Economy organized by The Department of Economics, Yobe State University.
10. Chinmoyee Borpujari, 2020. "Pandemic and its Influence on Environment: A geographical overview". In: International Online Conference on COVID-19: Emergence and Resurgence of Communicable Diseases from Social Sciences Perspectives, organized by School of Social Sciences & Humanities, University of Science & Technology, Meghalaya, India in collaboration with the RC-12 of Indian Sociological Society; Dept of Humanities & Social Sciences, IIT-Guwahati; Dept of Anthropology, University of Delhi; FLAIR-Delhi & TRIBAC-Agartala.
11. Chinmoyee Borpujari, 2020. "Adaptation to the Post Pandemic World: A Behavioural Study". In: International e-Conference on COVID 19 Opportunities and Challenges Across Continents, organized by Nehru Gram Bharti, Prayagraj, U.P.
12. Chinmoyee Borpujari, 2020. "Challenges of Online Education for Students in Rural Areas of Kamrup District, Assam". In: National Seminar on Online Teaching-Learning: Issues and Challenges, organized by Women Librarians' Association of Assam (WLAA) – a division of Assam Library Association (ALA) in association with LIS Links.
13. Chinmoyee Borpujari, 2020. "Emerging Role of GIS Technology in Covid-19 Response". In: International Web-Conference on Covid-19 Pandemic from The Eyes of Geography: Global, National and Regional Perspectives, organized by Department of Geography, Gauhati University.
14. Chinmoyee Borpujari, 2022. "Challenges of Women's Security during Covid scenario in Rural Areas of Kamrup District, Assam", In: Three-day IIHSG International Conference 2022 on Human Security & Governance during February 23-25, 2022.
15. Chinmoyee Borpujari, 2022. "Border Conflict and forest conservation A case study of the Assam-Meghalaya foothills of Kamrup District, Assam", International Seminar on 'Human Security & Governance: Challenges & Prospects' organized by IIHSG, Delhi, India & IQAC & Department of Political Science, New Alipore College, Kolkata on 17th August, 2022.
16. Chinmoyee Borpujari, 2022. "Preserving, Promoting and Commercialization of Indigenous Knowledge System For Sustainable Development", 5 th National Conference of North East India Commerce & Management Association (NEICMA) On Atmanirbhar Bharat The Reclamation, Reformation And Resilience organized by Mariani College, Assam on 23th September, 2022.
17. Chinmoyee Borpujari, 2022. "Inclusive and Equitable Quality Education:Reimagining NEP 2020 from rural perspective", 5 th National Conference of North East India Commerce & Management Association (NEICMA) On Atmanirbhar Bharat The Reclamation, Reformation And Resilience organized by Mariani College, Assam on 23th September, 2022.

Seminars and Workshops Attended

1. Participated in Workshop on “Basics of Remote Sensing & GIS and its Application” organized by Geography Department, B.Borooah College, Guwahati, Assam, on 30th June 2010 .
2. Participated in Youth Conclave, 2010 organized by Internal Quality Assurance Cell (IQAC), B. Borooah College Student’s Union (BBCSU), on 3-4 June 2010.
3. Participated in National Seminar and participated and secured the award in a speech competition on the topic “Relevance of Geography in the Changing Global Scenario” organized on the occasion of the 27th Beinnial Conference of North East India Geographical Society, in Kokrajhar, Assam from 22-23 January 2014.
4. Participated in Training Program on “Sustainable Development of Ground Water, focusing on the North-Eastern States”, 2018, CGWB, NER.
5. Participated in Training Program on “Remote Sensing and Digital Image Analysis”, 2018, Global outreach program under ISRO held by IIRS.
6. Participated in online Certificate Program on “Hyperspectral Thermal Image Unmixing”, 2018, Organised by GEO UNIVERSITY.
7. Participated in online Certificate Program on the topic “The EOS Platform”, 2019, Organised by GEO UNIVERSITY.
8. Participated in online Certificate Program on “Introduction to Cloudeo's Geospatial Solutions”, 2019, Organised by GEO UNIVERSITY.
9. Participated in the webinar “Understanding our Rivers of Hilly Region and its Conservation” for Water Resources, Ministry of Water Resources, Government of India, and Conducted by tFUToram University on 14th August 2020.
10. Participated in the Web Session of Economists Speak by Dr. Homagni Choudhury, Head, Department of Economics, Kingston University, London, U.K. on "A tale of two Indias: Are the best leaving behind the rest?", held on July 30, 2020, organized by the Department of Economics, University of Allahabad, India.
11. Participated in Eurodoc Conference 2020 this July, 22-23 July 2020, Warsaw, Ministry of Science, and the Higher Education Republic of Poland.
12. Participated in the International Webinar on “Assessment, Feedback and Technology” organized by the Department of Education, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu on 31th July- 2020.
13. Participated in the National Webinar on “ Role of Engineers in Security:Atal Tunnel”, an Engineering marvel. organized by Department of Applied Sciences and Humanities, Raja Balwant Singh Engineering Technical Campus, Bichpuri, Agra (Uttar Pradesh) India.
14. Participated in a One-day National Webinar dated 04-08-2020 organized by Post Graduate Deptt. of Geography, Bikali College, Dhupdhara in support of Hexagon Geospatial, India on the topic “GIS and Remote Sensing-Its Academic and Industrial Interface”.
15. Participated in the 3 days online training program on “Climate Change, Landslides and Safe Hill Area Development”, 5th–7th August 2020 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Dr. Raghunandan Singh Tolia Uttarakhand Academy of Administration, Nainital, Uttarakhand.
16. Participated in webinar on “ Texture Based Image Processing ” presented by Dr.S.Jenicka, Associate Professor, Department of Information Technology, Sethu Institute of Technology, Virudhunagar on 05/08/2020 organised by the Department of Computer Engineering, FX Polytechnic College, Tharuvai, Tirunelveli.

17. Participated in National Webinar on “Application of Geospatial Technology for Land Use/Land Transformation Study”, Organised by Department of Geography & IQAC, Tyagbir Hem Baruah College, Jamugurihat, Sonitpur, Assam, On August 4, 2020.
18. Participated in the National Webinar on “Peace Building in India: Role of Northeast Women” Organised by UGC-Women’s Studies Centre, Mizoram University on 30th July, 2020.
19. Participated in the webinar titled “Digital Cartography & Evolution of Location Intelligence”, organized by GEOSPATIAL AWARENESS HUB, on 19th July 2020.
20. Participated in the webinar on “Integrating Energy, Climate Change and Development” held on 8th September (Tuesday), 2020 organized by the Department of Management, Mizoram University.
21. Participated in a webinar organized by SHARP NGO on the topic of “Supporting Students’ Mental Health during COVID-19: The Life After” held on 10th October 2020 (World Mental Health Day).
22. Participated in the webinar on 11 August 2020 on “Role of Agricultural & Environmental Biotechnology for a Sustainable Future”, Organised by Bioingene.
23. Participated in the international webinar on 12 September 2020 on “CRISPR in Agriculture: Context of Improving WUE”, Organised by Bioingene.
24. Participated in International Conference organized by Centre for Disaster Mitigation and Management, VIT, on “Natural Disaster and Early Warning System-NEWS” held on 8-9 July 2020.
25. Participated in International Conference organized by GEO-Star and Scan point Geomatics Limited in collaboration with ISRO, on “Future Trends and Career on RS and GIS” held on 27 July 2020.
26. Participated in Winter School in Geospatial Science and Technology (Level 1)- 15th November, 2021 under DST, Gauhati University.
27. Participated in National Webinar on Cyber Security for Women dated 8th March, 2022 by Ministry of Electronics and Information Technology (MeitY), Government of India.
28. Participated in the online training on "Retrospective View of Progress in Disaster Risk Reduction and Resilience" from 23 Feb 2022 to 25 Feb 2022, organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.
29. Participated in Online training on "Engaging Youth and Adolescents in Disaster Risk Management" from 10 Mar 2022 to 12 Mar 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Policy Perspectives Foundation.
30. Participated in One-day Tier III training (local) programme on “Local Groundwater Related Issues And Participatory Groundwater Management” organized by Department of Geography, Mariani College, Jorhat (Assam) in collaboration with Government of India Ministry of Jal Shakti, Department of Water Resources, RD & GR, Central Ground Water Board, North Eastern Region, Guwahati on 25th March 2022.
31. Participated in Online training on "Cloud Computing" from 14 Mar 2022 to 21 Mar 2022 organized by National Institute of Electronics & Information Technology, Guwahati, Ministry of Electronics & Information Technology.
32. Participated in the Webinar on Heat Wave and Health Management on 04 Apr 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.
33. Participated in the webinar on "Management of Forest Fire" on 05 Apr 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.
34. Participated in the conference on "Two Day International Conference on Challenges to Disaster Risk Reduction and Resilient Habitat" from 05 Apr 2022 to 06 Apr 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Shaheed Bhagat Singh College University of Delhi.
35. Participated in the online training on "Disaster Risks Climate Change and Resilient Development" from 05 Apr 2022 to 07 Apr 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Delhi Technological University.

36. Participated in the webinar on "Climate Change Report 2022 Impacts, Adaptation and Vulnerability Challenges and Solutions" on 12 Apr 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.
37. Participated in the online training on "Agri-Systems and Infrastructure Resilience to Disaster" from 28 Apr 2022 to 30 Apr 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.
38. Participated in the online training on "Engaging Youth and Adolescents in DRM and CCA" from 04 May 2022 to 06 May 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Dept of Teacher Education Nagaland University.
39. Participated in the online training on "3 days online Training on Capacity Enhancement on Disaster Risk Management in collaboration with Lucknow University" from 17 May 2022 to 19 May 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Lucknow University Uttar Pradesh.
40. Participated in the online training on "Child Centric Disaster Risk Reduction" from 18 May 2022 to 20 May 2022, organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Manipur University.
41. Participated in the webinar on "HAM Radio Communication During Emergencies" on 20 May 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.
42. Participated in the online training on "Role of Emerging Technologies in Risk and Safety Management" from 01 Jun 2022 to 03 Jun 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with FICCI.
43. Participated in the One-day National Seminar titled 'Challenges and Prospects of Habitat and Biodiversity Conservation', -An Initiative dedicated to the World Environment Day, 05th June 2022, jointly organized by IQAC, Patharkandi College and IQAC, Nabinchandra College, Badarpur.
44. Participated in the One Day Workshop on 'Institutional Values and Best Practices' on 7th July, 2022, Mariani College.
45. Participated in IPR awareness/training program under the special mission called "National Intellectual Property Awareness Mission (NIPAM)" on June 28, 2022, organized by Intellectual Property Office, India.
46. Participated in a National Level Webinar on Indian Educational Services (IES): A Proposal to Revive organised on 25th June-2022 by Council for Teacher Education Foundation.
47. Participated in the webinar on "Integrating SDGs and DRR into Higher Education" on 28 Jun 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with DSPSR.
48. Participated in online training on "Intersectionality Approach for Securing Women's Livelihoods Food and Nutrition Security Towards Disaster Resilience Building Agenda for APMCDRR" from 28 Jun 2022 to 30 Jun 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with All India Disaster Mitigation Institute (AIDMI).
49. Participated in International Seminar on 'Human Security & Governance: Challenges & Prospects' organized by IIHSG, Delhi, India & IQAC & Department of Political Science, New Alipore College, Kolkata on 17th August, 2022.
50. Participated in the National Level One Week Workshop on Research and Academic Publication and Ethics (Interdisciplinary) Organized by: Economic Study and Research Center, Department of Economics, Bahona College in Collaboration with IQAC, Bahona College. Sponsored by: Jorhat Development Authority on 7th August, 2022 to 7th August, 2022.
51. Participated in the webinar on "Flood Disaster Management " on 05 Sep 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.

52. Participated in the International Conference on 'Unravelling the Scope of Future Research in Humanities and Social Sciences' on 26th August, 2022, School of Engineering & Technology, Sandip University, Mahiravani, Tal & Dist: Nashik.

Faculty Development Programmes (FDPS) and Faculty Induction Programme (FIP)

1. Online Faculty Induction Programme (FIP) organized by Teaching Learning Centre, Tezpur University during 03 August-02 September 2021, under P MMMNMTT Scheme of Ministry of Education, Government of India.
2. Online Faculty Development Programme on “Higher Education in the 21st Century in Light of National Education Policy 2020” organized by E&ICT Academy IIT Guwahati held from 07 – 12 March, 2022 in association with B. Borooah College, Guwahati.
3. Online Faculty Development Programme on “Communication and Management Skills at Workplace” organized by E&ICT Academy IIT Guwahati held from 14 March – 19 March, 2022 in association with Bapatla Engineering College, Guntur, Andhra Pradesh.
4. Online Faculty Development Programme on “Imparting Online Teaching-Learning Methodology” organized by E&ICT Academy IIT Guwahati held from 21th to 27th March, 2022 in association with Furkating College, Assam.
5. One-Week Online Faculty Development Programme on “Higher Education in 21st Century” organized by E&ICT Academy IIT Guwahati held from 13 – 19 June, 2022 in association with Mariani College, Jorhat, Assam and support from Skillgym Ltd.
6. Online Faculty Development Programme on “Modern India in The Post-Colonial Era: Society Economy, Politics & Emerging Trends” organized by Amity University held from 4th July to 8th July, 2022.
7. National Level Faculty Development Programme on “NAAC Accreditation for teachers education Institutes” organized by Rayat Shikshan Sanstha’s Azad College of Education, Satara, (Maharashtra, India), in association with CTEFD, Delhi, NCR Chapter held from 1st July to 8th July, 2022
8. One-Week Online Faculty Development Programme on “Application of Geospatial Technology on Natural Resources” organized by Amity University held from 11th July to 15th July, 2022.

Research

Projects: Surmine Consulting Pvt. Ltd., Dwarka, New Delhi, INDIA

1. Project Title: **Corridor Project for Korba Division Chattisgarh- DGPS survey and mapping for diversion of forest land for non – forestry purpose under FC Act’ 1980 For New 33kv line, 35 km, from Ajarbahar to Lemru under EE(O&M) Dn. CSPDCL, Korba**
Task Assigned:
 - DGPS & TS Survey
 - Corridor Demarcation using GIS
 - Geo-Spatial Analysis
 - Buffer based forest area delineation
 - Asset

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- Planning using RS and GIS
 - DPR Preparation
 - EIA Report

Under Forest Department, Government of Chhattisgarh, Korba.

Duration: May, 2017 to June, 2018

ASTU-Assam Science and Technology University, Jalukbari, Assam (INDIA)

2. Project Title: Land Use Land Cover (LULC) Changes in Jorhat Town, Assam And Its Impact on Urban Storm Flooding

Tasks Assigned:

- Satellite data Collection (Sentinel/ Landsat 8).
- Compile data related to storm flooding in Jorhat town.
- Predictive models to predict the intensity and frequency of storm flooding.
- GIS and remote sensing tools to create geospatial models of flood.
- LULC change detection.
- Storm intensity and flash flood extent mapping.
- Hazard zone Delineation.
- Project Monitoring and Work Plan.
- Preparation of Final Report.

Under ASTU-Assam Science and Technology University, Jalukbari, Assam (INDIA)

Duration: September, 2019 – September, 2020