

Short CV

Dr. Chandra Kant Pawe
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Department of Geography
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Specialization: Cartography (MA) & Geoinformatics (PGD)



Awards/ Recognition

- UGC-NET/JRF in Geography, 2013
- UGC-NET/SRF in Geography, 2019
- Doctor of Philosophy (PhD) in Geography, 2020

Work Experiences

- Contractual teacher in the department of Geography, Darrang College, Assam (2013-2014).
- Guest faculty in the department of Geography, Assam University Diphu Campus (2014-2016).
- Research experience as Junior Research Fellow (JRF/SRF) (2016-2020), under University Grant Commission, New Delhi.
- Assistant Professor (February, 2019- till date) in Pragjyotish College, Guwahati.

Research Publication

- Pawe, C. K. & Saikia, A. (2022). These hills called home: quantifying urban forest dynamics in the hills of the Guwahati metropolitan area, India, *Geografisk Tidsskrift-Danish Journal of Geography*, 122 (2), 87-102.
- Pawe et al. (2022). Assessing forest change trajectories along the Assam-Arunachal Pradesh border using open-source data, eds. Simachalan in *Geo-Spatial Technologies In Rural Development*, Today and Tomorrow's Printers & Publishers, New Delhi.
- Pawe et al. (2022). Land use and land cover of Assam, eds. Bora, A. K. & Nath, M. in *An Illustrated Geography of Assam*, EBH Publisher, India
- Saikia et al. (2022). When the Bough Breaks: Spatial Variability of Tropospheric Ozone in the Indian Sub-continent, eds. Saikia, A. & Thappa, P. in *Environmental Change in South Asia: Essays in honor of Mohammed Taher*, Springer International Publishing, 203-215

- Bayas et al. (2022). Drivers of tropical forest loss between 2008 and 2019, *Scientific data*, 9(146), 1-8
- See et al. (2022). A Crowdsourced Global Data Set for Validating Built-up Surface Layers, *Scientific data*, 9(13), 1-14
- Pawe, C. K. & Saikia, A. (2020). Decumbent development: Urban sprawl in the Guwahati Metropolitan Area, India, *Singapore Journal of Tropical Geography*, 1-22.
- Pawe, C. K. (2019). Forest loss and fragmentation in Bodoland and Territorial Area District (BTAD), Assam, eds. Lalmalsawmzauva, K. C. in *Natural Resource Management for Sustainable Development*, New Delhi, 169-180.
- Pawe, C. K. (2019). The Heat is on in the Himalayas: Assessing Srinagar's Urban Heat Island Effect, eds. Saikia, A. & Thappa, P. in *Environmental Change in the Himalayan Region*, Springer Nature Switzerland, 157-171.
- Pawe, C. K. & Saikia, A. (2018). Unplanned urban growth: land use/land cover change in the Guwahati Metropolitan Area, India, *Geografisk Tidsskrift-Danish Journal of Geography*, 118 (1), 88-100.
- Bayas et al. (2017). A global reference database of crowdsourced cropland data collected using the Geo-Wiki platform, *Scientific data*, 4, 170136.

Workshops/ Seminars

- Certificate course on “Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials” organised by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun, June 13 – July 01, 2020.
- 21 days Online “GIS Training Program using QGIS” organised by Department of Geography, School of Earth Sciences, Central University of Karnataka, India jointly with State Institute of Urban Development, Karnataka, India, July 13 – August 02, 2020.
- National Training course on UAV Remote sensing- technological advances & applications, NESAC, Shillong, 2018.
- National level workshop on Geoinformatics in Geology, Department of Geological Sciences, Gauhati University, 2016.
- Three months Certificate Training course (National) on Remote Sensing, Geographical Information System and Global Positioning System, IIRS, Gauhati university, 2011.
- Presented paper titled “Quantifying built-up expansion in an urban agglomeration of North east India” at IGS- International E-Conference on “Earth Sciences and Sustainable Development Goals” by Dept. of Geography, Osmania University, Hyderabad, Telangana in collaboration with the Indian Geographical Society, Chennai, 2021.

- Presented paper titled *“Appraising Urban Woes of a Primate city in North East India”* at IGU India International Conference (Virtual) on *“Global to Local Sustainability and Future Earth* by Dept. of Geography, MLS University, Udaipur, Rajasthan in collaboration with the International Geographical Union, 2020.
- Presented paper on *“Guwahati: Post 1972 land transformation trajectories”* at National seminar held at Department of Humanities and Social Sciences, Indian Institute of Technology [IIT] Guwahati in association with the Indira Gandhi Rashtriya Manab Sangrahalay [IGRMS], Bhopal, 2019.
- Presented paper on *“Slipshod urban development and forest fragmentation in the Guwahati Metropolitan Area, India”* at National seminar held at Dept. of Environmental Sciences, Tezpur University, 2019.
- Presented paper on *“Transformation of Urban landscape in response to rapid urbanisation”* at International seminar held at Dept. of Geography, B. Borooah College, Guwahati, 2018.
- Presented paper on *“Analysis of Urban land use pattern with landscape metrics in Greater Guwahati Metropolitan area”*, at National seminar held at Department of Studies in Geography, University of Mysore, Mysuru, Karnataka, 2016.
- Presented paper on *“Deepor Beel and Its Shrinking Status”* at International seminar held at Dept. of Geography, Gauhati University, Assam, 2015.
- Presented paper on *“GIS Analysis of Changing Landscape Pattern through Urban Sprawl: A case study of Guwahati City”* at International seminar held at University of Burdwan, 2013.
- Presented paper on *“Dynamic of Urban Sprawl, changing direction and mapping: A case study of Pink city, Jaipur, Rajasthan, India”* at International seminar held at India Geo-spatial forum, Hyderabad, 2013.

Academic Courses

- Completed a 4-Week Induction/Orientation Programme for *“Faculty in Universities/Colleges/Institutes of Higher Education”* organised by Teaching Learning Centre, Ramanujan College, University of Delhi Under the Aegis of MHRD Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching, June 04 – July 01, 2020.
- Completed a 2-Week Faculty Development Programme on *“Managing Online Classes And Co-Creating MOOCs 3.0”* organised by Teaching Learning Centre, Ramanujan College, University of Delhi Under the Aegis of MHRD Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching, July 25 – August 10, 2020.

- Completed a 2-Week Faculty Development Programme on *“ICT Tools for Teaching, Learning Process and Institute”* organised by Electronics and ICT Academies, NIT Patna under the Ministry of Electronics and Information Technology (MeitY), Govt of India, 10 – 21 August, 2020.
- Completed a 2-Week Interdisciplinary Online Faculty Development Programme on *“Earth, Environment and Space Sciences for Mankind”* organised by Department of Geography, Chaudhary Bansi Lal University, Bhiwani, 21 – 30 May, 2020.
- Completed a 1- Week Faculty Development Programme on *“Climate Change analysis using R and Cloud Computation”* organised by Department of Geography, School of Basic and Applied Sciences, Adamas University, 19-26 July, 2021.

Academic Responsibilities

- Organised a National Level **“One-week Online GIS Training Workshop”** as **Coordinator** and **Resource Person** in the department of Geography, Pragjyotish College, Guwahati, Assam, from 10-15 August, 2020.
- Invited as **Resource Person** for **Summer School in Geospatial Technologies** organised during 03-23 July, 2019 at the Gauhati University.