

Dr. Chandan Surabhi Das

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Google Scholar Link: <https://scholar.google.com/citations?user=u2IGF6MAAAAJ&hl=en>

ResearchGate Link: <https://www.researchgate.net/profile/Chandan-Das-5>



A. PERSONAL DETAILS

- **Date of Birth** – 08 September, 1970
- **Nationality** – Indian
- **Residential Address** – 12, North End Road, East end Park,
(Address for correspondence) Kalikapur, Kolkata 7000 99
- **Language known** – Bengali, English

B. ACADEMIC QUALIFICATION

Exam. Passed	Year	Board/ University	Div./ Class	Marks obtained	Subject/specialization
Madhyamik	1986	WBBSE	I	69.1 %	Beng, Eng, Math, P Sc, L Sc, His, Geo, Phy (<i>add</i>).
H S	1988	WBCHSE	I	60.0 %	Beng Eng, Phy, Che, Math, Geog
B.Sc (Hons in Geog)	1991	UNIVERSITY OF CALCUTTA	II	55.8 %	Geology & Mathematics and Geography (Hons)
M.Sc (Geog)	1993	UNIVERSITY OF CALCUTTA	I	65.9 %	Cartography
B. Ed	1999	UNIVERSITY OF CALCUTTA	I	61.2 %	Geography, Mathematics
Ph. D (Sc)	2005	VIDYASAGAR UNIVERSITY	--	--	Title: Environmental Studies of hazards induced by vertebrates in Sundarban, West Bengal.
Other Qualifications	1997 1999	NET (ICAR) qualified in Geography SLET (WBCSC) qualified in Earth Sciences			
Training Courses	1997 2007 2008 2010 2017	<ul style="list-style-type: none">• Courses of Aerial Photography, Remote Sensing & GIS, Organised by <i>NATMO</i>, 1997, Kolkata. (seven-day course)• Courses on GIG (Mapinfo) organised by <i>RS_GIS institute</i>, Saltlake. 2007. (40 Hours Course)• Courses on Geometica 10.0 organized by <i>PCI, India</i>, 2008 (Three days Course)• Certificate Course in Remote Sensing & GIS conducted by <i>West Bengal State Council of Science & Technology (WBSCST)</i>, 2010 (Two months course)• Certificate course on Statistical Methods and techniques conducted by Women's Cristian College and University of Calcutta on 11 to 17 July, 2017			

Teaching Experiences & Present engagement	<ul style="list-style-type: none"> Assistant Professor and HoD in Geography (WBES) in Taki Govt. College, North 24 Pgs, West Bengal., from February 2007 to June 2014 Associate Professor in Geography (WBES) in Barasat Govt. College, North 24 Pgs, West Bengal., from June 2014 to December 2024. Associate Professor in Geography (WBES) in Darjeeling Govt. College, West Bengal., Since January 2025.
Life Fellowship	<ul style="list-style-type: none"> Indian Association for the Cultivation of Science (IACS), Jadavpur, Indian National Cartographic Association (INCA), Hyderabad The Geographical Society of India, Dept. of Geography, University of Calcutta, Kolkata 700019 Institute of Landscape Ecology and Ekistics (ILLE) 52/2A Hazra Road, Kolkata 700019 India Society of Remote Sensing (ISRS)

C. PAPER PUBLISHED IN EDITED VOLUME

2011	Characterization and prevention of large carnivore-human conflict in Sundarban: a case study of tiger straying incidents, In: Naskar, K.R & Bhattacharya, A. (eds), <i>Sundarban Issues & Threats</i> , ICAR & SKSU Publication, Kolkata: 18-28.
2012	Biotic hazards in Indian Sundarban: A Study of Characterisation and prevention of human-wildlife conflicts, In: Desai, M & Halder, A (eds), <i>Coping with Disasters</i> , Abhijeet Publications, New Delhi: 217-242
2019	Current Status of Mangrove Forests in the Trans-boundary Sundarbans by R. N. Mandal, Peter Saenger, Chandan Surabhi Das, and Abdul Aziz. In: Sen, H.S (ed), <i>The Sundarbans: A Disaster-prone Eco-Region Increasing Livelihood Security</i> , Springer Nature Switzerland. DoI: https://doi.org/10.1007/978-3-030-00680-8_4
2021	Livelihood of Forest Dependent Dwellers in Relation to the Exploitation of Resources at the Fringe of Indian Sundarban. In: Rastogi, R.P., Phulwaria, M., Gupta, D.K. (eds) <i>Mangroves: Ecology, Biodiversity and Management</i> . Springer, Singapore. DoI: https://doi.org/10.1007/978-981-16-2494-0_16
2024	Socio-economic Challenges of Environmental Refugees: An Overview of Sagar Island of Sundarban, India. In : Mukhopadhyay, U., Bhattacharya, S., Chouhan, P., Paul, S., Chowdhury, I.R., Chatterjee, U. (eds) <i>Climate Crisis, Social Responses and Sustainability</i> . Climate Change Management. Springer, Cham. DoI: https://doi.org/10.1007/978-3-031-58261-5_12
2025	The Transboundary Sundarban Mangroves: A Struggling Ecosystem. In: Gour, J., Mandal. U., (eds) . <i>Surviving Sundarbans: Tragedy and Hope</i> , Edition 1. BP International. India DoI: https://doi.org/10.9734/bpi/mono/978-93-48859-73-0

D. FULL PAPERS IN CONFERENCE PROCEEDINGS/BOOK CHAPTER

Sl. No.	Title	Details of publication	ISSN/ ISBN No.	No. of author	Whether you are the main author
1.	Current Status of the Sundarban Snake Fauna and assessment of conservation threats	National Conference on Biodiversity – issues, concern & Future Strategies Kolkata January, 2014	978-93-92258-17-9	Single	Yes
2	An epidemiological Study of vulnerability and Mortality of Snakebite in Sundarban, West Bengal	Community Awareness in Sundarban: Combat Physical and Social Hazards, Acb Publications, Kolkata January, 2015	81-87500-59-X	Single	yes
3	Livelihood of Forest Dependent Dwellers in relation to Exploitation of Resources; A case Study of Sundarban	Environment and Degradation Prevention, Conservation and management in India Progressive Publishers April, 2017	978-81-8064-253-1	Single	Yes
4.	State Art Report on Biodiversity in Indian Sundarban	Human Wildlife Conflicts in Sundarban WWF, New Delhi August, 2017		Single	yes
5	Mitigating Human-Carnivore Conflicts in Mangrove Ecosystem of Indian Sundarban: A Conflict Resolution Framework and Outlook	Proceedings of the International Conference on Livelihood Promotion, Bio-diversity Conservation and Social Security in Indian Sundarban, New Delhi Publishers New Delhi., July 2019	978-93-88879-26-2	Single	yes

E. COMPLETED PROJECTS/ CONSULTANCIES

Sl. No.	Title	Funding Agency	Period	Grant (Rs. Lakh)
1	Monitoring Sundarban ecosystem and its livelihood using geospatial techniques: A case study of Gosaba Block	UGC	September 2014 to Dec 2017	4.15
2	Environmental perspectives of taking voluntary Risk: A study on human-wildlife conflicts in Sundarban	UGC	2008-2010	1.0

F. PUBLISHED PAPERS IN NATIONAL JOURNALS

Sl. No.	Title with Issue, Volume and Page No.	Journal	ISBN	Whether peer reviewed	No. of author	First/main author
1.	Participatory forest management Programme and its impacts in Sundarban, WEST BENGAL, 73(3):216-223. (2008)	Geographical Review of India	035-6386	Peer reviewed	Single	Yes
2.	Spatio-temporal study of the Hazards induced by Tiger Attack in Sundarban, West Bengal, 32(1):330-338.(2009)	Indian journal of landscape System & Ecological Studies	0971-4170	Peer reviewed	Single	Yes
3	Kyoto Protocol: failure or Success,? 33(1): 155-162. (2010)	Indian journal of landscape System & Ecological Studies	0971-4170	Peer reviewed	Single	Yes

PAPERS PUBLISHED IN THE INTERNATIONAL JOURNALS

Sl	Article, Volume, Issue, Pages	Journal	ISSN	IF	Author
1	Dwindling Indian Sundarban mangrove: the way out 76 (7&8), 275-282, (2010) july-aug10">http://www.scienceandculture-isna.org > july-aug10	Science and Culture	0036-8156	Peer reviewed	2 nd Author out of three
2.	Tiger straying incidences in Indian Sundarban: Statistical analysis of case studies as well as depredation caused by conflicts 58(1): 205-214 (2012) https://doi.org/10.1007/s10344-011-0565-3	Eur J Wildl Res <i>Springer</i>	1439-0574	Peer reviewed IF: 1.634	Single author
3.	Declining Snake population-why and how: a case study in the mangrove swamps of Sundarban, India 59(2): 227-235 (2013) https://doi.org/10.1007/s10344-012-0669-4	Eur J Wildl Res <i>Springer</i>	1439-0574	Peer reviewed IF: 1.634	Single Author
4.	Causes, Consequences and Cost-Benefit Analysis of the Conflicts caused by Tiger straying incidents in Sundarban, India 68(2): 120-130 (2015) https://doi.org/10.1007/s12595-014-0105-8	Proceeding of Zoological Society, <i>Springer</i>	0974-6919	Peer reviewed	Single Author

5.	Coastal people and mangroves ecosystem resources vis-a-vis management strategies in Indian Sundarban 134 (2016) 1-10 https://doi.org/10.1016/j.ocecoaman.2016.09.025	Ocean & Coastal Management <i>Elsevier</i>	0964-5691	Peer reviewed IF: 1.696	First Author out of two
6.	Human- crocodile conflict in Indian Sundarban: an analysis of the spatio-temporal incidences in relation to people's livelihood 52 (4) (2018): 661-668 https://doi.org/10.1017/S0030605316001502	Oryx <i>Cambridge University Press</i>	1365-3008	Peer reviewed IF: 2.195	First Author out of two
7.	Mangrove Forests in Changing Climate: A Global Overview 38(2): 104-124 (2020) http://epubs.icar.org.in	J. Indian Soc. Coastal Agric. Res.	0972-1584	Peer reviewed	1 st Author out of Three
8.	Delineating the coastal vulnerability using Coastal Hazard Wheel: A study of West Bengal Coast, India 44 (2021) 101794 https://doi.org/10.1016/j.rsma.2021.101794	Regional Studies in Marine Science <i>Elsevier</i>	2352-4855	Peer reviewed IF: 1.183	2 nd Author out of two
9.	Measuring Livelihood Sustainability by PCA in Indian Sundarban 2021 https://doi.org/10.1007/s10668-021-01451-8	Environment, Development and Sustainability <i>Springer</i>	1573-2975	Peer reviewed 2.313	2 nd Author out of two
10	Environmental degradation and erosion susceptibility mapping at Ajodhya hill, Purulia, India—a GIS based analysis 4,,257–275 (2022) https://doi.org/10.1007/s42797-022-00065-1	Safety in Extreme Environments Springer	2524-8189	Peer reviewed	2 nd Author out of two
11	Erosion-accretion pattern in the tidal-rivers of Indian Sundarban in relation to estuarine hydrodynamics 252 (1), 2023 https://doi.org/10.1016/j.csr.2022.104865	Continental Shelf Research Elsevier	1873-6955	Peer reviewed 2.68	2 nd Author out of three
12	A worldwide perspective on large carnivore attacks on humans 21 (1), 2023 https://doi.org/10.1371/journal.pbio.3001946	PLoS biology Public Library of Science	1545-7885	Peer reviewed 9.5	6 th Author out of thirty three

13	Reviewing the issues of Human-carnivore conflict vis-a-vis mitigation approaches of the Indian Sundarban 47 (9), 2023 https://doi.org/10.1016/j.envdev.2023.100888	Environmental Development Elsevier	2211-4645	Peer reviewed 5.4	1 st Author out of Three
14	Role of livelihood capitals and sustainability on the access to provisioning services: A case study of Gosaba block of Sundarban, India https://doi.org/10.24294/sf.v6i2.2089	Sustainable Forestry	2578-2002	Peer reviewed	2nd Author out of two
15	Tidal variation and flow dynamics in Indian Sundarban based on field observation and numerical models 304 (2024): 108851. https://doi.org/10.1016/j.ecss.2024.108851	Estuarine, Coastal and Shelf Science Springer	1096-0015	Peer reviewed 2.6	2 nd Author out of three
16	Seasonal variation of sedimentary nutrients and litter production in the mangrove ecosystem of indian sundarban: Implications for ecosystem dynamics. (2024): 1-24. https://doi.org/10.1007/s11104-024-06985-0	Plant and Soil Springer	1573-5036	Peer reviewed 3.9	2 nd Author out of two
17	Assessment of Socioeconomic Vulnerability in Selected Villages of Gosaba Block, Sundarban, India Using an Artificial Neural Network. (2024) 10.9734/ijecc/2024/v14i114550	International Journal of Environment and Climate Change	2581-8627	Peer reviewed	2 nd Author out of two
18	Seasonal vertical accretion in different hydro-geomorphic environments of Indian Sundarban: Assessing the role of mangroves in mitigating sea level rise impacts. (2024): 109493. https://doi.org/10.1016/j.geomorph.2024.109493	Geomorphology Elsevier	1872-695X	Peer reviewed 3.1	2nd Author out of three
19	An integrated approach for gully erosion susceptibility mapping and factor effect analysis." (2025): 3451-3470. https://doi.org/10.1016/j.asr.2024.12.021	Advances in Space Research Elsevier	0273-1177	Peer reviewed 2.8	3 rd Author out of four

20	Dynamics of suspended sediment concentration in Indian Sundarban through field observation and remotely sensed data. CATENA, 250, 108787. https://doi.org/10.1016/j.catena.2025.108787	CATENA Elsevier	0341-8162	Peer reviewed 5.4	2nd Author out of two
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G. BOOKS PUBLISHED

Sl. No.	Title of the book	Publisher	ISSN/ISBN No.	No. of author	Whether you are the main/First author	Year of Publication
1.	Environmental Geography (EGO 13/Block 2) <i>Bengali</i>	Netaji Subhas Open University	Peer reviewed	Single	Yes	2006
2.	Population and Environmental Studies	Rita publication Kolkata	978-93-82229-48-3	Two	Yes	2009
3.	Human Geography <i>Bengali</i>	Pritam Publication Kolkata	978-93-80036-14-4	Two	Yes	2010
4.	Global Warning <i>Bengali</i>	Grantha Mitra Kolkata	978-81-8811-54-5	Single	Yes	2011
5.	Sharing Space (Human-Animal Conflicts in Indian Sundarban) <i>English</i>	Progressive Publishers Kolkata	978-81-8064-210-4	Two	Yes	2012
6.	Physical Geography <i>Bengali</i>	Enova Publications Kolkata	978-81-938234-0-8	Two	Yes	2018
7.	Practical Geography <i>Bengali</i>	New Central Book Agency Pvt. Ltd Kolkata	978-93-5255-110-1	Two	Yes	2018
8.	Climatology <i>Bengali</i>	Enova Publications Kolkata	978-81-938234-2-2	Two	Yes	2019
9.	Soil & Biogeography <i>Bengali</i>	Enova Publications Kolkata	978-81-938234-4-6	Two	Yes	2019
10.	Environmental Geography <i>Bengali</i>	Enova Publications Kolkata	978-81-938234-3-9	Two	Yes	2019
11.	Gallilio Theke Hawking <i>Bengali</i>	Kolkata Sc & Cultural Forum Kolkata	81-938234-1-9	Single	Yes	2019

12.	Geospatial technique and Research in Geography <i>English</i>	Enova Publications Kolkata	978-81-938234-8-4	Two	Yes	2020
13.	An Evolution of Geographical Thought <i>Bengali</i>	Enova Publications Kolkata	978-81-950087-2-8	Two	Yes	2021
14.	Biswaparichay by Rabindranath Thakur Revision & Annotation	Enova Publications Kolkata	978-81-950087-5-9	Single	Yes	2021
15.	Physical Geography	Enova Publications Kolkata	978-93-940389-12-0	Two	Yes	2023
16.						

H. PAPERS PRESENTED IN CONFERENCES, SEMINARS, SYMPOSIA IN LAST 5 YEARS

Sl. No.	Title of the Paper presented	Title of conference /seminar	Organized by	Whether International/ National/ State
1	Infrastructural deficit & livelihood changes in Sundarban: A case study of Gosaba block	Geography of habitat	Foundation of Practising Geographers, Kolkata	National (26-27 February, 2016)
2.	Living with climate change: A case study of Satjelia island in Sundarban	Development and Environment	Dept. Of Geography, West Bengal State University	National (17-18 March, 2016)
3	Spatio-Temporal Study of Infrastructural changes in Gosaba Block of Sundarban: A Geo-Informatics Approach	Cartography for Analysis and Management of Climate Change	Dept. Of Geography, Visva Bharati University	International (9-11 November, 2016)
4	Geoinformatics analysis of coastal livelihood in relation to emerging socio-economic infrastructure of Sundarban, India	Environment & Society: historical perspective & contextual reality	Dept. Of Geography, The University of Burdwan	International (28 March, 2017)
5	Degradation of Sundarban Forest vis-a-vis Vulnerability of coastal livelihood, a geo-informatics Approach	Natural Resource management for Sustainable Development and Rural Livelihoods	School of Earth Sciences, Mizoram University	International (26-28 October, 2017)
6	Climate resilience livelihood in Sundarban: A Geo-spatial Approach	Geo-Spatial Technology, Application in the Context of Climate Change	ISRS, Kolkata Chapter	National (19-20 January, 2018)

7	Living with Geography: a pleasure (Online)	Geography as a Profession: Opportunities and Challenges	Subarnarekha Mahavidyalaya & Future Geographers Group	National (15 August, 2020)
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I. RESEARCH ACTIVITIES

Acted as Research Supervisor under West Bengal State University since 2017. Now 4 (four) Ph.D. (Sc) research scholars are doing research study under my Supervision. Name of the scholars are listed below.

Sl. No	Name of the Scholar	Registration Date	Title/Topic	Regulation	Remark
1.	Gargi Sarkar	05/04/2019	Hydro-Geomorphological Environment and impact of human intervention: A study of the Chamta River, Darjeeling District, West Bengal	2013 Regulation (UGC)	College Teacher
2.	Swapan Paul	05/11/2019	An appraisal of sedimentation Vis-à-vis nutrient dynamics of mangrove ecosystem in Indian Sundarban	2017 Regulation (UGC)	JRF (UGC)
3.	Dipanwita De	05/11/2019	Access to health care services emphasizing on maternal and child health in Indian Sundarban	2017 Regulation (UGC)	College Teacher
4.	Semonti Das	05/11/2019	Assessment of socio economic vulnerability and climate resilient sustainable livelihood of fringe people in four CD blocks of Sundarban (Sagar, Pathar Pratima, Gosaba and Hingalganj)	2017 Regulation (UGC)	College Teacher
5.	Pritam Sarkar	14.06.2022	“Hydro-morphological Characteristics and Riparian Health Assessment of the Noai River, West Bengal”	2017 Regulation (UGC)	JRF (UGC)

J. Award Received

Received **Satyendra Puraskar** in 2019 for the best Science essay book in *Bengali* from the Department of Science and Technology and Bio-technology, Govt. of West Bengal



পশ্চিমবঙ্গ সরকার
বিজ্ঞান ও প্রযুক্তি এবং জৈবপ্রযুক্তি

সত্যেন্দ্র পুরস্কার

২০১৯

বিজ্ঞান বিষয়ক বাংলা ও
“গ্যালিলিও থেকে ইকি
সৃষ্টির আদি থেকে আসে
শ্রেষ্ঠ বিবেচিত হওয়ায় এই পুস্তকে

গ্যালিলিও থেকে

সৃষ্টির আদি থেকে অদ্য

