



BARASAT GOVERNMENT COLLEGE

TEACHER'S PROFILE

DR BALAI CHANDRA DAS, DEPARTMENT OF GEOGRAPHY

- **DESIGNATION** : Associate Professor
- **QUALIFICATION** : M.A., Ph.D.
- **DATE OF JOINING THE SERVICE** : May 17, 2007
- **DATE OF JOINING THE INSTITUTION** : Jan 16, 2025
- **ADDRESS FOR COMMUNICATION** : Nagendranagar 4th Lane, Krishnagar, Nadia 741101
- **PHONE NO** : 9475184957
- **EMAIL ADDRESS** : drbalaidaskgc@gmail.com
- **SPECIALIZATION** : Fluvial Geomorphology
- **TEACHING EXPERIENCE** : PG -14+ years; UG: 20+ years; School: 9+ years
- **COLLEGE SERVED** :
 - (1) Acharya Prafulla Chandra College [23.05.2003 to 16.05.2007]
 - (2) Darjeeling Govt. College [17.05.2007 to 15.11.2010]
 - (3) Krishnagar Govt. College [18.11.2010 to 15.01.2025]
 - (4) Barasat Govt. College [16.01.2025 to till date]

➤ ACADEMIC AND ADMINISTRATIVE EXPERIENCE	: With extensive academic experience, my focus has always been on fostering meaningful learning experiences and engaging in impactful research. I thrive in student-centric environments, where teaching and learning are collaborative journeys. While I don't have administrative experience and prefer not to pursue such roles, my passion firmly lies in education and guiding students toward academic excellence.
➤ TOPICS TAUGHT	: Geomorphology, Fluvial processes and forms, Lakes and waters, Hydrology, Statistical techniques in geography,
➤ AREA OF RESEARCH & INTEREST	: Fluvial processes and forms, Wetland physics and biology, Hydrology
➤ ONGOING PROJECT DETAILS	: None
➤ AWARD RECEIVED	: Dr. Haradhan Ghatak Smriti Puraskar in 2012, 2014, 2017; Darshanik Arunprasad Sen Smriti Puraskar in 2013 For the best paper in the Annual Seminar on History, Archeology and Folk Culture. Awarded by Nabadwip Puratattva Parishad.
➤ PATENT DETAILS	: None
➤ EXTRACURRICULAR ACTIVITIES	: none
➤ CAREER PROFILE	: I completed my BA and MA in Geography from Burdwan University, achieving First Class in 1992 and 1994, respectively. I have published over 60 research articles in reputed national and international journals and edited five books published by Springer and Taylor & Francis. I serve as an editorial board member for an international journal and have reviewed for leading publishers like Springer, Elsevier, Academic Journals, Qeios, and De Gruyter. Additionally, I was a Scientific Committee member for IWC-2016 and WRAA-2020 in Oman. I actively participated in the River Cities Network meeting in Bangkok (2023) and contributed to the Jalangi Action Plan Committee (2022, 2023, 2024) formed by Office of Nadia District Magistrate.
➤ ACADEMIC LINK	: 1. https://orcid.org/0000-0001-5536-6825 2. https://scholar.google.com/citations?user=MGlrFVcAAAAJ&hl=en 3. https://www.researchgate.net/profile/Balai-Das

PUBLICATION



JOURNAL PUBLICATION (MAXIMUM TEN BEST PUBLICATION)

:

- (1) Balai Chandra Das, Aznarul Islam, 'Reviewing braiding indices of the river channel in an attempt to establish alternatives', MethodsX, Elsevier, 44927, ISSN: 2215-0161
- (2) Aznarul Islam, Balai Chandra Das, Sandipan Ghosh, Abdul Mannan Saheb, Suman Deb Barman, Ujwal Deep Saha, Sekh Mohinuddin, Subodh Chandra Pal, Adolfo Quesada-Román, 'Role of riverbed sand mining on planform and cross-sectional morphology of Mayurakshi River, India', Science of The Total Environment, Elsevier, 45689, ISSN: 1879-1026
- (3) Balai Chandra Das, 'Morphological Dynamics of Mid-Channel Bars under Controlled River Regime', Water Resources Management, Springer, 45444, ISSN: 1573-1650
- (4) Balai Chandra Das, 'Compliance of discharge estimates from proxy parameters: a study on an ungauged station of a Himalayan river', Sustainable Water Resources Management, Springer, 45352, ISSN: 2363-5037
- (5) Aznarul Islam, Balai Chandra Das, Sadik Mahammad, Md Mofizul Hoque, Quoc Bao Pham, Biplab Sarkar, Abu Reza Md Towfiqul Islam, Subodh Chandra Pal, Adolfo Quesada-Román, Sk Mohinuddin, Suman Deb Barman, 'Assessing river water quality for ecological risk in the context of a decaying river in India', Environmental Science and Pollution Research, Springer Berlin Heidelberg, 45413, ISSN: 0944-1344
- (6) Biplab Sarkar, Balai Chandra Das, Aznarul Islam, Debajit Datta, Lukasz Pawlik, Adolfo Quesada-Román, 'Temporal change in channel form and hydraulic behaviour of a tropical river due to natural forcing and anthropogenic interventions', Physical Geography, Taylor & Francis, 45383, ISSN: 0272-3646
- (7) Balai C Das, 'Exploring the past to discern the present: The role of historico-geographical study in differentiating natural river channels from artificial canals', River, Wiley, 45323, ISSN: 2750-486
- (8) Balai Chandra Das, Aznarul Islam, Suman Deb Barman, 'Estimating dominant discharge of Sankh River, India', Arabian Journal of Geosciences, Springer International Publishing, 45047, ISSN: 1866-7511
- (9) Balai Chandra Das, ' Influence of lithology-controlled hydraulics on pothole evolution', Acta Geophysica, Springer Nature, 44958, ISSN: 1895-7455
- (10) Balai Chandra DAS, 'In Search Of Birthplace Of Sri Chaitanya: Part I. A Study On Hagiographies Up To 17th Century', Studia Universitatis Babe?-Bolyai Geographia, Romania, 45108, ISSN: 1221-079X



BOOK PUBLICATION

:

(MAXIMUM FIVE BEST PUBLICATION)

- (1) Das BC, Ghosh S, Islam A, Roy S , 'Anthropogeomorphology of Bhagirathi-Hooghly River System in India', Taylor & Francis Group, , 2020, ISBN: 9780367557270
- (2) Das BC, Ghosh S, Islam A , 'Quaternary Geomorphology in India - Case Studies from the Lower Ganga Basin', Springer , 2019, ISBN 978-3-319-90426-9
- (3) Bhattacharya HN, Bhattacharya S, Das BC, Islam A , 'Himalayan Neotectonics and Channel Evolution', Springer, 44743, ISBN 978-3-030-95435-2
- (4) Aznarul Islam, Pravat Kumar Shit, Dilip Kumar Datta, M. Shahidul Islam, Suvendu Roy, Sandipan Ghosh, Balai Chandra Das, 'Floods in the Ganga–Brahmaputra–Meghna Delta', Springer, 45323, ISBN 978-3-031-21086-0
- (5) Balai Chandra Das, Aznarul Islam, Biplab sarkar, 'The Nadia Rivers Transition to Transformation', Springer, 2025, ISBN: