



THE BHAWANIPUR EDUCATION SOCIETY COLLEGE

ACADEMIC DEPARTMENT: GEOGRAPHY

FACULTY ACADEMIC PROFILE / CV

Full Name of the Faculty Member: Atrayee Biswas

Designation: College Whole Time Teacher

Specialization: Geomorphology of the Humid Tropics



BIOGRAPHICAL SKETCH

Atrayee Biswas is currently associated as College Whole Time Teacher, in the Department of Geography, The Bhawanipur Education Society College, affiliated to the University of Calcutta. She has obtained both her graduation (B. Sc) and post-graduation (M. Sc) in Geography from the University of Calcutta. She has qualified for the Joint CSIR-UGC NET and also UGC-NET with Junior Research Fellowship in 2012. Previously, she has worked as Contractual Whole-Time Teacher at Syamaprasad College, Kolkata and the Netaji Subhas Administrative Training Institute (ATI), Government of West Bengal, Kolkata. Currently she is pursuing her Ph.D. from the Department of Geography, University of Calcutta. She has presented

her research papers in numerous conferences (national and international) and published research papers in reputed journals. She has also participated in several seminars, workshops and conferences.

CONTACT INFORMATION

- **Contact Address (Office):** 5, Lala Lajpat Rai Sarani, Kolkata-700020, West Bengal, India
- **Contact Number (Office):**
- **E-Mail ID (Official):** atrayee.biswas@thebges.edu.in
- **Mobile Number:** 9804257420

ACADEMIC QUALIFICATIONS

Abbreviation of the Degree	Name of the College / University	Class Obtained	Area of Specialization	Year of Passing
M.SC.	University of Calcutta	I	Geomorphology of the Humid Tropics	2011
B.SC.	Loreto College	I	N.A	2009

POSITION HOLDING (WHOLE TIME)

College Whole Time Teacher, **Department of Geography, The Bhawanipur Education Society College, University of Calcutta**, 05.08.2024 – Present.

POSITION HELD

Contractual Whole Time Faculty at Syamaprasad College, September 2011 – July 2012
College Part Time Teacher, **Department of Geography, The Bhawanipur Education Society College, University of Calcutta**, 15.05.2024 – 04.08.2024.

RESEARCH EXPERIENCE

- Pursuing Ph. D from the University of Calcutta.

RESEARCH INTERESTS

- Badland Geomorphology
- Digital Terrain Analysis
- Spatial Data Analysis and Mapping
- Sedimentological Facies Analysis

PUBLICATIONS IN JOURNAL

- Biswas, A., Bandyopadhyay, S. and Chakraborty, A. (2021): Characterizing Gully Morphology using Structure from Motion-Multi-View Stereo (SfM-MVS) technique in Garhbeta Badlands, West Bengal, India. *Geomorphometry*, 2021. <https://doi.org/10.5281/zenodo.5336981>
- Das Majumdar, D. and Biswas, A. (2016): Quantifying land surface temperature change from LISA clusters: An alternative approach to identifying urban land use transformation. *Landscape and Urban Planning*. Vol 153. 51-65. <https://doi.org/10.1016/j.landurbplan.2016.05.00>.
- Biswas, A., Das Majumdar, D. and Banerjee, S. (2014): Morphometry Governs the Dynamics of a Drainage Basin: Analysis and Implications. *Geography Journal*. Hindawi Publication Corporation, 2014. <https://doi.org/10.1155/2014/927176>.
- Biswas, A. (2011): An Appraisal of the Man-Environment Relationship at Angallu. *The Observer*. Vol 49 (ISSN: 2230-9535).

PAPER PRESENTATIONS AT SYMPOSIUM

- ‘Implications of Morphological Characteristics and Lithology on Gully Development: A Case Study of Garhbeta Badlands, West Bengal, India.’ in 9th International Conference on Geomorphology organised by the Indian Institute of Geomorphologists (IGI) during 6-11th November 2017.
- ‘Assessing the morphological characteristics of gully cross-sections: A case study of Garhbeta Badlands, West Bengal.’ In the 29th Conference of the Indian

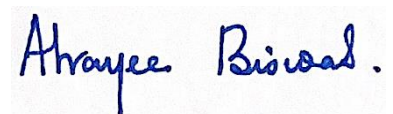
Institute of Geomorphologists (IGI) held on 24-27th November 2016.

- ‘Mapping Urban Temperature Hotspots using Thermal Remote Sensing.’ In 27th Annual Conference of the Indian Institute of Geomorphologists (IGI) and National cum International Seminar on Geomorphology and Geospatial Technology in Environment Management and Societal Development held on 14-17th November 2014.
- “Spatial Differentiation of Coastal Ichnofabric with special reference to Crab Ethology: A neo-ichnological study in Gangasagar beach area, West Bengal.’ In Research Meeting, 2014 for Society for Sedimentary Geology sponsored by SEPM and organised by JUGS on 18th September 2014.
- ‘Application of Modified Forest Canopy Density Model (MFCD) as proxy to identify mangrove forest dynamics.’ In the National Seminar on Development and Environmental Transformation organized by the Department of Geography, University of Calcutta held during 28-29th March 2014.
- ‘Impact of Aila Cyclone on Forest Canopy Density: A case study of Prentice Island, Sundarban.’ In the International Geographical Union (IGU) Conference on Geoinformatics for Biodiversity and Climate Change organized by the Department of Geography, Maharshi Dayanand University, Rohtak, Haryana held during 24-26th March 2013.
- ‘A study of the present status of the off-takes and confluences of the Lower Ganga distributaries, West Bengal.’ In the 33rd Annual Conference of the Institute of Indian Geographer’s (IIG) and International Seminar on Population, Development and Disaster Management organized by the Department of Geography and Disaster Management, Tripura University during 8-11th February 2012.
- ‘Morphometric Parameters of Supin River Basin, Uttarakhand, India.’ In the 34th Meet of the Institute of Indian Geographers (IIG) organized by the Centre for Earth Science Studies, Thiruvananthapuram, Kerala held during 13-15th December 2012.

- ‘Long-term changes in the coastline of Medinipur, West Bengal: 1860-2011.’ In the 33rd Indian Geography Congress (NAGI) organized by the Department of Geography, University of Burdwan during 11-13th November 2011.
- ‘Long-term changes on the coastline of Medinipur, West Bengal: 1855-2011.’ In 24th Indian Institute of Geomorphologists (IGI) National Conference and Annual Convention on Coastal Dynamics and Geomorphology organized by IGI and the Department of Geology, Anna University, Chennai held during 19-22nd October 2011.

WORKSHOPS ATTENDED

- Management Development Programme on Multivariate Data Analysis organized by Vinod Gupta School of Management, Indian Institute of Technology, Kharagpur, India held during 5-10 June 2017.
- SERB (DST) sponsored a 10-day National Workshop on ‘Essential Laboratory and Field Techniques in Geoscience’ jointly organized by Vidyasagar University, SERB India, Department of Science and Technology (DST) held from 14-23 December 2016.
- UGC sponsored National Workshop on Climatology of Humid Tropics: Contemporary Issues and Techniques organized by the Department of Geography, University of Calcutta held from 1-2nd June 2012.
- Bhuvan Workshop organized by NRSC, ISRO and the Department of Environmental Science, University of Calcutta on 2nd February 2012.



Signature of the Faculty Member
Date: 5th August, 2024