



VIDYASAGAR COLLEGE

39 SANKAR GHOSH LANE  
KOLKATA

Dr. Biswajit Roy Chowdhury

1	Name	Dr. Biswajit Roy Chowdhury		
2	Designation	SACT-I		
3	Mail ID	drbrcgeog@gmail.com		
4	Contact No	8777433044		
5	Date of Joining	16/11/2009		
Academic qualifications				
6	<b>Degree</b>	<b>Subject</b>	<b>University</b>	<b>Year</b>
	Ph.D.	Geography	University of Calcutta	2024
	M.Phil	NA	NA	NA
	MA/M.sc	Geography	University of Calcutta	2008
	BA/B.Sc	Geography	University of Calcutta	2006
PH.D. DETAILS				
7	Title of the Thesis	"An Assessment of Maternal Health Care Services in Birbhum District, West Bengal"		
	Field of specialization under subject/ discipline	Geography		
8	PREVIOUS POSITIONS/Engagement	CWTT at the Dept of Geography, Bangabasi College, Kolkata		
9	Google scholar page:	<a href="https://scholar.google.com/citations?user=M43uwNIAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=M43uwNIAAAAJ&amp;hl=en</a>		
10	ORCID ID	0000-0001-9935-1959		
11	HONOURS AND AWARDS	<ul style="list-style-type: none"> <li>• <b>JUNIOR SCIENTIST OF THE YEAR 2017</b>- the award getting from the <b>International Foundation for Ecology and Environment</b> under the strong recommendation of <b>Confederation of Indian Universities Association, New Delhi</b> in 4<sup>th</sup> international conference of IFEE held on 12-14<sup>th</sup> February, 2018 at Guwahati University, Assam, India.</li> <li>• <b>YOUNGEST RESEARCHERS AWARD (EASTERN REGION) 2018</b> - awarded by the <b>Asian Society of Scientific Research and Jha Scientific Research Lab, India</b> in <b>Global Intellect Summit 2018</b> held on 07April, 2018 at Pune, MH, India.</li> <li>• <b>YOUNG INNOVATOR AWARD (EASTERN REGION) 2018</b> - awarded by the <b>Asian Society of Scientific Research and Jha Scientific Research Lab, India</b> in <b>Global Intellect Summit 2018</b> held on 07April, 2018 at Pune, MH, India.</li> <li>• <b>HONORARY DOCTORATE from UN Rescue Services, Nigeria in 2020</b></li> </ul>		
12	CURRENT RESEARCH PROJECT/Field of Research	Medical Geography		
13	TECHNICAL UNDERSTANDING AND EXPERIENCE	Yes		
14	SUMMARY OF RESEARCH EXPERIENCE	Annx-1		
15	EXPERIENCE OF PROJECT MANAGEMENT	NA		
16	COMPLETE LIST OF PUBLICATIONS (Maintain Harvard Format)	Annx-1		

17	Extracurricular Activities	<ul style="list-style-type: none"> <li>• From 09/10/2012 to 30/09/2013, I worked as an <b>Expert Member</b> in <b>Expert Committee on School Education, School Education Dept., Govt. of West Bengal</b> for preparation of <b>Geography syllabus and books</b> from <b>Class-VI to VII</b> according to NCF and RTE norms, conducting training programmes and other administrative and academic works.</li> <li>• I also engaged in <b>WEST BENGAL COUNCIL OF RABINDRA OPEN SCHOOLING, Govt. of West Bengal</b> for preparation of syllabus, writing of books, paper setting, scrutinizing and other Academic works.</li> <li>• I am appointed as an <b>OBSERVER</b> by <b>UGC</b> for monitoring <b>NET</b> examination held on <b>28<sup>th</sup> June, 2015</b>.</li> <li>• I am appointed as an <b>OBSERVER</b> by the <b>Controller of Examination, University of Calcutta</b> for monitoring <b>B.A./B.Sc Part-II</b> examination held on <b>6<sup>th</sup>, 9<sup>th</sup>&amp; 13<sup>th</sup> July, 2015</b>.</li> <li>• I am appointed as an <b>OBSERVER</b> by the <b>Controller of Examination, University of Calcutta</b> for monitoring <b>B.A./B.Sc Part-I</b> examination held on <b>7<sup>th</sup> August, 2015</b>.</li> </ul>
18	Link to personal website (if any)	NA

## ANNX-I: SUMMARY OF RESEARCH EXPERIENCE

### REASERCH PAPERS

#### (A) Published Papers in UGC Recommended Journals

1. **Trend Of Urbanization- Indian Legacy**, published in Indian Journal of Landscape Systems and Ecological Studies (UGC listed Journal Number- 20798, ISSN No. - 0971-4170) Vol.-33, Issue-1, Page-445-458; in 2010.
2. **The Spatial Evaluation Of Sustainability In Urban Growth- A Case Study Of S.E. Region Of Kolkata, India**, published in Indian Journal of Landscape Systems and Ecological Studies (UGC listed Journal Number- 20798, ISSN No. - 0971-4170) Vol.-34, Issue-2, Page-675-682 in 2011.
3. **Transport As An Urban Hazard- A Case Study Of India**, published in Indian Journal of Landscape Systems and Ecological Studies (UGC listed Journal Number- 20798, ISSN No. - 0971-4170) Vol.-34, Issue-1, Page-383-400 in 2011.
4. **An Overview On The Tendency Of Child Obesity During Adolescent Period Kolkata**, published in Practicing Geographers (UGC listed Journal Number- 49047, ISSN No. - 0975-3850) Vol-21, No-1, Page-101-112 in 2017.
5. **Implementation Of Public Health Informatics In Improving The Condition Of Public Health: A Model Based Approach**, published in Current Global Reviewer (UGC listed Journal Number- 64310, ISSN No. - 2319-8648, Impact factor- 2.143) Vol-1, Issue-1; Page-193-199; yr-2018.
6. **A Critical Analysis On The Awareness Of Local Resources Among Urban People- A Case Study Of Several Parts Of South Kolkata**, published in Genius: An International Multidisciplinary Research Journal (UGC listed Journal Number- 47100, ISSN No. - 2279-0489, Impact factor-4.248) Vol-6, Issue-2; Page-83-95; yr-2018.
7. **District Level Disparities Of Maternal Health Care Services In West Bengal**, published in International Journal of Multifaceted and Multilingual Studies (UGC listed Journal Number- 47674, ISSN No. - 2394-207X, Impact factor-4.205) Vol-V, Issue-2; Page-193-199; yr-2018.
8. **A Critical Analysis On The Disparities In Health Care Infrastructures In Birbhum District Of West Bengal**, published in International Journal of Integrated Research & Development (UGC listed Journal Number- 41601, ISSN No. - 2278-8670), Vol.-I, Issue-13; Page-1-8; yr-2018.
9. **Statistical Analysis of Urban Regional Pre-Monsoon Rainfall in and around Kolkata, India**, published in the Journal of Earth System Science (Published by the Indian Academy of Sciences), ISSN- 2347-4327, e-ISSN- 0973-774X; Journal No- 12040; Article No.- 57; Vol.- 128, Issue-3, April, 2019; <https://doi.org/10.1007/s12040-019-1068-y>; Link: <https://www.ias.ac.in/article/fulltext/jess/128/03/0057>
10. **Role of Geospatial Technology for Hydroponics Horticulture Based Roof Top Farming as Emerging Future Prospective in Kolkata City, India** Published by Chiranjit Singh, Shahid Gulzar, Swarnashri Bain, Anindita Bhattacharjee, Santana Debnath, Rajeev Kumar & Biswajit Roy Chowdhury published at #IEEE Xplore, Scopus Indexed journal; DOI: [10.1109/ICIEEM54221.2022.9853076](https://doi.org/10.1109/ICIEEM54221.2022.9853076) ; Link: <https://ieeexplore.ieee.org/document/9853076/authors#authors>; INSPEC Accession Number: 21971324
11. **Geospatial Application in Tourists' Attraction and Behavioural Studies: A Case Study of Eco Park, New Town, Kolkata** by Bulu Basak, Biswajit Roy Chowdhury & Rajeev Kumar at #IEEE Xplore, Scopus Indexed journal; pp. 429-436, doi: [10.1109/ICIEEM54221.2022.9853037](https://doi.org/10.1109/ICIEEM54221.2022.9853037); Link- <https://ieeexplore.ieee.org/document/9853037> ; INSPEC Accession Number: 21971324
12. **Flood susceptibility mapping using geospatial techniques- A case study of Hyderabad, Telengana District, India**, Mohammed Faizan, Manas Hudait, Kajri Sengupta & Biswajit Roy Chowdhury; published at the International Jr. of Hydrology Science and Technology (Scopus Indexed) ISSN (Online):2042-7816

## **(B) Published Papers in other Reputed Journals**

1. **Coastal Erosion And Its Impact On Sagar Island- 24 Pgs (S), W.B** , published in International Journal of Science and Research (ISSN No. - 2319-7064, Impact factor -4.438) Vol.-4, Issue-3, Page-1192-1196, Yr-2015.
2. **Spatial Pattern Of Development: A Micro Level Analysis Of Maldah District, W.B.**, published in The Observer (ISSN No. - 2230-9535) Vol.-52 , Page-1-8, Yr- 2014.
3. **A Systematic Approach To Analyse The Water Logging Problems In Kolkata**, published in The Observer (ISSN No. - 2230-9535) Vol.-53, Page-56-64, Yr- 2015.
4. **Tele-Communication Boost In India- A Critical Appraisal**, published in Bhugolika Page-28-37 yr-2012.
5. **Pollution Abatement: Key To Sustainable Water Resource Development**, published in Nascent, Page-43-49, yr- 2009

## **(B) Articles/ Chapters Published in Books**

1. **An assessment on the changing landuse pattern of Baruipur, South 24 parganas, West Bengal** ; published in an edited volume namely *Landuse Planning and Management*; Vol-I.; Editors: Prof. S.C. Mukhopadhaya et. al; Publisher: Inst. of Landscape, ecology & Ekistics; ISBN- 978-81-928047-6-7; Page-288-292.
2. **Urban Heat Island Consequences of Changing Urban Landscape- a case Study of Kolkata**; published in an edited volume namely *Major Environmental issues: Vulnerability & Impacts*; Editor: Dr. M. Karmakar, Published by: Dept.of Geography, Maynaguri College, Jalpaiguri (W.B); ISBN-978-93-84671-30-3; Page-34-45
3. **Problems of Asthma in Salt Lake City-A Serious Health Hazards**; published in an edited volume namely *Round The Globe* ; edited and published by: Bangiyo Bhugol Mancha, Reg no- S/76955-94-95; Page-34-45.
4. **Impact of Air Pollution on Childs' Health: A Case Study of Kolkata**; published in an edited volume namely *Perspectives on Inclusive Urbanism-Exploring Marginality in Kolkata*, Editors: Dr. Snehamanju Basu and Mohana Basu; published by: Alphanemera, Kolkata; ISBN-978-81-925563-7-6; Page-163-174.
5. **Spatio-Temporal Analysis of the Glacial Lakes of the Western Himalayas in Chamoli and Pithoragarh Districts of Uttarakhand Using Remote Sensing and GIS** by Bulu Basak, Thahira Umar, Shahid Gulzar, Rajeev Kumar, Biswajit Roy Chowdhury at Artificial Intelligence for Societal Development and Global Well-Being book [IGI Global] June, 2022|Copyright: © 2022 | Chapter 15; Pages: 315; DOI: 10.4018/978-1-6684-2443-8; ISBN13: 9781668424438|ISBN10: 1668424436|EISBN13: 9781668424452; Link– <https://www.igi-global.com/book/artificial-intelligence-societal-development-global/282535#citation>

## **(A) Full papers in Conference Proceedings**

1. **Problems And Prospects Of Solid Waste Management- A Case Study Of Salt Lake, Kolkata**. Published in a conference proceedings of UGC sponsored National Level Seminar, organized by Dept. of Geography, Raidighi College, W.B. on 11-12 Sep, 2015.ISBN- 978-93-83010-26-4; Page-174-179.

2. **Spatial Analysis Of Air Pollution In Respect Of Growth Of Transport Network In Kolkata.** Published in a conference proceedings of UGC sponsored National Level Seminar, organized by Dept. of Geography, Raidighi College, W.B. on 11-12 Sep, 2015. ISBN- 978-93-83010-26-4; Page-179-184.
3. **Impact Of Maternal Smoking On Child's Health- A Case Study Of South Kolkata;** Published in a conference proceedings of UGC sponsored National Level Seminar, organized by Dept. of Geography, P.C.M College, Kolkata, on 18-19 Nov, 2016, .ISBN- 978-93-83010-29-5; Page-19-25.
4. **An Assessment On The Problems Of Traffic Congestion In Kolkata;** Published in a conference proceedings of UGC sponsored National Level Seminar, organized by Dept. of Geography, Bhairab Ganguly College, Kolkata, on 5-6 March, 2017, 2017 .ISBN- 978-93-84108-07-6; Page-49-66.
5. **Kolkata: A City Heading Towards Environmental Distress;** Published in a conference proceedings of a National Level Seminar, organized by Disaster Management Dept. Govt. of W.B. in Collaboration of Indian Meteorological Society and University of Calcutta, on 5<sup>th</sup> March, 2016, Page-160-171

## **BOOKS**

### **(B) Books Published as Author or as Editor**

#### • **International**

1. **“RIVER & RESEARCH” for college and university level by the SAIARD Publication, ISBN: 978-81-954965-9-4**
2. **ENVIRONMENT, SUSTAINABILITY & LIVELIHOOD for college and university level by the SAIARD Publication, ISBN: 978-81-954965-6-3**
3. **'HUMAN AND ECONOMIC ASPECTS OF GEOGRAPHY'** for UG & PG Level; published by the Sparrow Publication; ISBN-978-8189140-55-7.

#### • **National**

1. **'BHU-PARICHAY' (P –I )** for UG & PG Level; published by the Shilalipi Publishing Co. Pvt.Ltd; ISBN-978-81-924946-1-6 .
2. **'BHU-PARICHAY' (P –I I)** for UG & PG Level; published by the Shilalipi Publishing Co. Pvt.Ltd; ISBN-978-81-924946-0-9 .
3. **'PARIBESH VIDYA'** for UG & PG Level; published by the Shilalipi Publishing Co. Pvt.Ltd; ISBN-978-81-924946-2-3.
4. **'PARIBESH SIKHYA O PRAKALPO PRATIBEDAN'** for School Level; published by Nirmala Library.

#### • **Government Books**

1. **'AMADER PRITHIBI', (Class-VI)** for School Level (Under National Curriculum Framework and Right To Education Act Framework, Govt. of India project) published by the West Bengal Board of Secondary Education, Govt. of West Bengal.
2. **'AMADER PRITHIBI', (Class-VII)** for School Level (Under National Curriculum Framework and Right To Education Act Framework, Govt. of India project) published by the West Bengal Board of Secondary Education, Govt. of West Bengal.

3. **'AMADER PRITHIBI'**, (Class-VIII) for School Level (Under National Curriculum Framework and Right To Education Act Framework, Govt. of India project) published by the West Bengal Board of Secondary Education, Govt. of West Bengal.
4. **'BHUGOL'** (Class XI) for School Level (Under National Curriculum Framework and Right To Education Act Framework, Govt. of India project) published by the West Bengal Council of Rabindra Open Schooling, Govt. of West Bengal.
5. **'BHUGOL'** (Class XII) for School Level (Under National Curriculum Framework and Right To Education Act Framework, Govt. of India project) published by the West Bengal Council of Rabindra Open Schooling, Govt. of West Bengal.
6. **'BYABOHARIK BHUGOL'** (Class XI & XII) for School Level (Under National Curriculum Framework and Right To Education Act Framework, Govt. of India project) published by the West Bengal Council of Rabindra Open Schooling, Govt. of West Bengal.
7. **'PRAKALPA BIGYAN'** (Class IX & X) for School Level (Under National Curriculum Framework and Right To Education Act Framework, Govt. of India project) published by the West Bengal Council of Rabindra Open Schooling, Govt. of West Bengal.