

DR. SENJUTI SAHA

Qualification: M.Sc., M.Phil., Ph.D.

Designation: Associate Professor

Specialization: Cartography

Teaching & Research Interest:

- o Cartography
- o Remote Sensing & GIS
- o Demographic Studies
- o Sundarban
- o Soil & Bio Geography
- o Environment

Ph.D. Title:

“A Socio-Economic Appraisal in the context of Embankment Failure due to Natural Hazards in selected parts of Indian Sundarban” (Awarded in 2019), from Jadavpur University, West Bengal, India.

UGC Sponsored Minor Research Project Title:

“Embankments and Environmental Challenges: A Case Study of Kultali Block, South 24 Parganas, West Bengal” (UGC Reference No. F_PSW-072/10-11_dated 20th October, 2010).

M.Phil. Thesis title:

“Policies adopted for conservation of wetland in developed, underdeveloped and developing countries – A comparative study”, from Jadavpur University, West Bengal, India.

Convenor:

International Webinar on “Climate Change and Urban Environment: Patterns, Externalities and Mitigation”, organized by the Department of Geography, Women’s Christian College, Kolkata on 11th September, 2020

International Seminar on “Global Environmental Challenges: Environment, Society and Development in the Anthropocene”, organised by the Department of Geography, Women’s Christian College, Kolkata on 7th March, 2020

Paper Presentations:

1. "A Socio-Economic Appraisal in the context of Embankment Failure due to Natural Hazards in selected parts of Indian Sundarban", presented the paper in 2nd International Symposium on Disaster Resilience and Sustainable Development organised by Asian Institute of Technology, Thailand on 25th June, 2021
2. "Basic Application of Statistics in Geography: An Overview", presented the paper as a Resource Person in a 'Two Day online Lecture Programme' organised by Surendranath College for Women on 26th September, 2020
3. "Hazards in Indian Parts of Sundarban, District South 24 Parganas", presented the paper as a Resource Person in a special lecture at Apeejay School, Kolkata on 12th July, 2020
4. "Overuse of Forest Resources in Hills Inhabited by Tribes in India & its Consequences", presented the paper in the International Seminar on Global Environmental Challenges: Environment, Society and Development in the Anthropocene organised by Women's Christian College, Kolkata on 7th March, 2020
5. "Natural Hazards in Sundarban: Socio-economic Appraisal", presented the paper in the UGC sponsored Refresher Course on 'Disaster Management' as a Resource Person organised by Jadavpur University, Kolkata on 12th February, 2020
6. "Sustainability of Settlements in Islands: A Case Study from Sundarban", presented the paper in the Popular Lecture Series as a Resource Person organised by Karimpur Pannadevi College, Nadia on 5th October, 2018
7. "Contribution of Women in search of Alternate Livelihood in Sundarban", presented the paper in a National Level Seminar on 'Women Empowerment: A Third World Perspective', organised by Sivanath Sastri College, Kolkata on 5th September, 2016
8. "Central Tendencies and Dispersions in Statistical Techniques", presented the paper as a Resource Person in a Workshop organised by Bangiyo Bhugol Mancha and Department of Geography, University of Calcutta on 25th July, 2015

9. "Map Scale, Maps and Map Projection", presented the paper as a Resource Person in a curriculum for the 'In the service course for PGT (Geog)' at Kendriya Vidyalaya, Ballygunge, Kolkata organised by the Central Board of Secondary Education (CBSE) on 25th December, 2014

10. "Remote Sensing & Aerial Photography", presented the paper as a Resource Person in a curriculum for the 'In the service course for PGT (Geog)' at Kendriya Vidyalaya, Ballygunge, Kolkata organised by the Central Board of Secondary Education (CBSE) on 9th June, 2014

11. "Maps and Map Projection", presented the paper as a Resource Person in a curriculum for the 'In the service course for PGT (Geog)' at Kendriya Vidyalaya, Ballygunge, Kolkata organised by the Central Board of Secondary Education (CBSE) on 9th June, 2014

12. "The conflict between man and nature in the Sunderbans – A general preview", presented the paper in the national seminar on 'Research Frontiers in Man-Nature Interface' organised by Department of Geography, Visva Bharati and Foundation of Practicing Geographers, Kolkata on 1st and 2nd March, 2014

13. "The Death Struggle between Fresh Water and Salt Water: A Mandate for Survival", presented the paper in the UGC sponsored seminar on 'Human Rights Education', organised by Women's Christian College, Kolkata on 25th February, 2012

14. "Changing socio-economic pattern in Sunderbans- A challenge to the society", presented the paper in the UGC sponsored seminar on 'Recent Researches on Earth System Science', organised by Department of Geography and Geology, Asutosh College, Kolkata on 10th and 11th February, 2012

15. "The Dynamics of Changing Economy of Sunderbans in the Context of Natural Hazards", presented the paper in the UGC sponsored National seminar on 'Community Awareness in Sundarban – Combat Physical and Social Hazard', organised by Raidighi College, South 24 Parganas on 20th January, 2012

16. "Epidemics in South-East Asia–A brush-up from recent past", presented the paper in the UGC & DST (Govt. of W.B) Sponsored National Conference on Environmental Hazards/ Disaster and its Management

organised by Department of Geography, Bankura Zilla Saradamani Mahila Mahabidyapith on February, 2007

17. "The Water Resources of Madhusudanpur & Amdahara mouzas in Bolpur P.S., Dist. Birbhum, West Bengal: Some suggestions on present scenario", presented paper at Science City Auditorium in a National Workshop-cum-Seminar on 'Water Security & Management of Water Resources' organized by National Atlas & Thematic Mapping Organisation (NATMO) on 23rd November, 2006

Publications:

1. Saha S., Hazra S. and Ghosh T., (2022): "How embankment influences coastal livelihood in the context of climate adaptation – a case study of Indian Sundarban Delta", Published in International Journal of Disaster Resilience in the Built Environment © Emerald Publishing Limited 1759-5908 DOI 10.1108/IJDRBE-08-2021-0119
2. Saha S., Bhandari G. and Ghosh T., (2015): "A General Overview of the Society and the Livelihood Pattern of the Sunderbans, South 24 Parganas, West Bengal, India", Published in International Journal of Research Studies in Science, Engineering and Technology, Volume 2, Issue 9, September 2015, PP 1 – 7, ISSN 2349-4751 (Print) & ISSN 2349-476X (online).
3. Saha S. and Ghosh T., (2015): "The Changing Pattern of Livelihood in Sagar Island, West Bengal, India", Published in Global Journal of Interdisciplinary Social Sciences, Published by Global Institute for Research and Education, Volume 4, Issue 2, March-April 2015, PP 43 – 45, ISSN 2319-8834.
4. Saha S. and Bhandari G., (2016): "The conflict between man and nature in the Sunderbans – A general preview", published in the proceedings of national seminar on 'Research Frontiers in Man-Nature Interface' organised by Department of Geography, Visva Bharati and Foundation of Practicing Geographers, Kolkata on 1st and 2nd March, 2014, ISBN 978-93-82433-68-2.
5. Saha S. and Bhandari G., (2013): "The Death Struggle between Fresh Water and Salt Water: A Mandate for Survival", published in the proceedings of UGC sponsored seminar on 'Human Rights Education', organised by Women's Christian College, Kolkata on 25th February, 2012, PP 283 – 289, ISBN 978-93-80761-33-6.

6. Saha S. and Bhandari G., (2012): "Changing socio-economic pattern in Sunderbans- A challenge to the society", published in the proceedings 'Geospectrum' of UGC sponsored seminar on 'Recent Researches on Earth System Science', organised by Department of Geography and Geology, Asutosh College, Kolkata on 10th and 11th February, 2012, PP 104 – 108, ISBN 81-87500-70-0.

7. Saha S. and Bhandari G., (2012): "The Dynamics of Changing Economy of Sunderbans in the Context of Natural Hazards", published in the proceedings of UGC sponsored National seminar on 'Community Awareness in Sundarban – Combat Physical and Social Hazard', organised by Raidighi College, South 24 Parganas on 20th January, 2012, PP 158 – 163, ISBN 81-87500-59-X.

8. Saha S., (2007): "Epidemics in South-East Asia-A brush-up from recent past", published in the proceedings of UGC & DST (Govt. of W.B) Sponsored National Conference on 'Environmental Hazards/ Disaster and its Management', organised by Bankura Zilla Saradhamani Mahila Mahabidyapith, Nadia on February, 2007, PP 116-130

9. Saha S., (2006): "The Water Resources of Madhusudanpur & Amdahara mouzas in Bolpur P.S., Dist. Birbhum, West Bengal: Some suggestions on present scenario", published in the proceedings of a National Workshop-cum-Seminar on 'Water Security & Management of Water Resources' organized by National Atlas & Thematic Mapping Organisation, Kolkata on 23rd November, 2006, PP 228-232

Edited Volume:

Environment and it's Sustainability in India: A Journey through Recent Times, Edited by Senjuti Saha, published by Birutjatio Sahitya Sammiloni, March 2022.

Membership:

- Life member of the journal of Indian Remote Sensing Organisation (ISRO), 2001 (No. L_1865)
- Life member of Indian National Cartographic Association (INCA), 2000 (No. 1820)
- Life member of Geographical Society of India, 2000 (No. L/S-120)