

FACULTY MEMBERS' ACADEMIC PROFILE

1. **Name of the Faculty member:** Mehedi Hasan Mandal
2. **Designation:** Assistant Professor in Geography (W.B.E.S.)
3. **Qualification:** M.Phil in Geography (The University Burdwan)
4. **Specialization:** Advanced Geomorphology
5. **E-mail address:** hasanmhm86@gmail.com
6. **Date of Joining in W.B.E.S.:** 24.09.2019
7. **Date of Joining in this College:** 24.09.2019
8. **Total Teaching experience in College level:** 3 years and 3 months (UG+PG)
9. **Research interests:** Palaeochannels, Wetlands, Fluvial Geomorphology
10. **Title of thesis (Ph.D.) with year:** NA., Pursuing Ph.D. from University of Burdwan
11. **Research guidance:** NA
12. **Research Projects (Completed and ongoing):** NA
13. **List of publications:**



A) Published papers in Journals:

- I. Mukherjee, N., Siddique, G., Basak, A., Roy, A. And Mandal, M.H. (June, 2019) **Climate Change and Livelihood Vulnerability of the Local Population on Sagar Island, India.** Chinese Geographical Science, 29 (3): 413-436. DOI: <https://doi.org/10.1007/s11769-019-1042-2>
- II. Roy, A., Siddique, G., and Mandal, M. H., (April, 2019). **A Study on the Productivity of Potato in Hugli District, West Bengal**, Journal of Geography, Environment and Earth Science International (ISSN 2454-7352), Vol. 20 (4), pp. 01-14.
- III. Mandal, M. H., Siddique, G. and Roy, A. (Aug., 2018). **Threats and Opportunities of Ecosystem Services: A Geographical Study of Purbasthali Oxbow Lake**, Journal of Geography, Environment and Earth Science International (ISSN 2454-7352), Vol. 16 (4), pp. 01-24.
- IV. Mandal, M. H. and Siddique, G. (April, 2018). **Water Birds at Purbasthali Oxbow Lake: A Geographical Study**, Researchers world – Journal of Arts, Science & Commerce (ISSN: 2231-4172), Vol – IX, Special Issue, Maharashtra, India.

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- V.Mandal, M. H., Dey, A. K., Roy, A., & Siddique, G. (2020). Ecosystem Services of Charigan-ga and Arpara Beel in Nadia District, West Bengal: A Geographical Enquiry. *Space and Culture, India*, 8(2), 155-167. <http://dx.doi.org/10.20896/saci.v8i2.742>
- VI.Roy, A., Mandal, M.H., & Siddique, G. (2020). Effect of Location in Shaping Societal Per-ception: A Geographical Inquiry on the Differential Perspectives of Beneficiaries Living around Purbastahli Beel. *Geographical Review of India*, 82(3):203-217
- VII.Mandal, M.H., Roy, A., & Siddique, G. (2021). Spatial dynamics in people-wetland associa-tion: an assessment of rural dependency on ecosystem services extended by Purbasthali Wetland, West Bengal. *Environ Dev Sustain*, **23**, 10831–10852
<https://doi.org/10.1007/s10668-020-01089-y>
- VIII.Mandal, M. H., Roy, A., Ghosh, S., Basak, A., & Siddique, G. (2021). Assemblage of wetland bird Species in Purbasthali Oxbow Lake, West Bengal, India: Implications for Manage-ment. *Ornis Hungarica*, 29(2), 25-45. <http://dx.doi.org/10.2478/orhu-2021-0017>
- IX.Mandal, M. H., Roy, A., & Siddique, G. (2021). A geographical assessment of Chariganga and Arpara Beel (wetlands) of Nadia, West Bengal as a habitat of wetland birds. *Journal of Threatened Taxa*, 13(13), 19964-19975.
<http://dx.doi.org/10.11609/jott.6257.13.13.19964-19975>
- X.Hasanuzzaman, M., Mandal, M.H., Hasnine, M. *et al.* (2022). Groundwater potential map-ping using multi-criteria decision, bivariate statistic and machine learning algorithms: evidence from Chota Nagpur Plateau, India. *Appl Water Sci* **12**, 58.
<https://doi.org/10.1007/s13201-022-01584-9>
- XI.Siddique, G., Roy, A., Mandal, M.H. *et al.* (2022). An assessment on the changing status of urban green space in Asansol city, West Bengal. *GeoJournal* **87**, 1299–1321.
<https://doi.org/10.1007/s10708-020-10312-2>
- XII.Sahoo, K.P., Roy, A., Mandal, M.H. *et al.* (2022). Appraisal of coexistence and interdepen-dence of forest and tribes in Jhargram District of West Bengal, India using SWOT–AHP analysis. *GeoJournal*. <https://doi.org/10.1007/s10708-022-10696-3>
- XIII.Hasanuzzaman, M., Mandal, M. H., & Mandal, S. (2022). Integrating geospatial techniques and field survey to assess the changing nature of meander movements and meander geo-metry of Raidak-I River in the Himalayan foothills, West Bengal. *Bulletin of Geography. Physical Geography Series*, (22 online first), 5-18. <http://dx.doi.org/10.12775/bgeo-2022-0001>
- XIV.Mandal, M.H., Yasmin, B., Roy, A. *et al.* (2022). Investigating Present Status of Floodplain Wetlands as Habitat of Water Birds and its Determinants: An Experience from Lower Part

of Deltaic West Bengal, India. *Wetlands* **42**, 70. <https://doi.org/10.1007/s13157-022-01591-1>

B) Conference Proceedings:

14. Membership of Learned Societies/ Editorial Boards, etc.: NA

15. Patents: NA

16. Awards: NA

17. Other notable activities: NA

18. A) Participation in Seminars/Symposia/Conferences/Workshops:

- I. Participated in 1st International Conference on “Frontiers in Biological, Environmental and Medical Science” held during March 08-10, 2018 at The University of Burdwan.
- II. Participated in 27th West Bengal State Science and Technology Congress, held on 28-29th February, 2020 at Science City, Kolkata.
- III. Participated XIV International Geographical Union (IGU)-India International Conference on 6-8th March 2020, organised by Department of Geography, The University of Burdwan in collaboration with Association of Bengal Geographers.

B) Participation in OP/RC: