

Curriculum Vitae

Name: Kamonasish Mistry
Department: Geography
Present Designation: Assistant Professor, Department of Geography,
Sammilani Mahavidyalaya
Permanent address: Natunpally, N.R. Road, Sonarpur, Kolkata-700150
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Educational Qualifications

- **B.Sc in Geography (Hons)** from Vidyasagar College, Kolkata. in 2000.
- **M.Sc in Geography** from University of Calcutta in 2002.
- Qualified State Eligibility Test (SET) in the year 2002.

Teaching Experience

- **One year six months of under-graduate teaching as contractual teacher** in Geography in Sonarpur Mahavidyalaya (July,2003 to December,2004).
- **19 years under-graduate teaching** as substantive post in Geography in Sammilani Mahavidyalaya (May 2005 ton till date)
- **8 years of post-graduate teaching** in the Post-graduate Department of Geography, Sammilani Mahavidyalaya, Vidyasagar University (DDE), Kolkata (2012-2020).

Teaching interests and current courses taught

1. Geotectonic-Geomorphology
2. Cartography
3. Thematic Mapping and Surveying
4. Soil and Biogeography
5. Statistics

6. Research Methodology
7. Remote Sensing and GIS
8. Climate Change
9. Hazard Management
10. Geography of India

Area of Research Interest:

1. Land Use Land Cover
2. Pollution and Climate change
3. Remote Sensing and GIS
4. Soil and Water contamination
- 5.

Journal Publication:

1. Debashis, Roy, and Mistry Kamonasish. "Comparative study of biodiversity, habitat heterogeneity and their relationships, with reference to large mammalian fauna of Kanha National Park: a regional perspective." *Environment and Ecology* 36, no. 1A (2018): 332-337. ISSN : 0970-0420
2. Roy, Debashis, and Kamonasish Mistry. "Interpretation of species habitat relationship and animal interaction through remote sensing with reference to spotted deer and langur population in Kanha National Park, India." *Eco. Env. & Cons.* 27 (1) : 2021; pp. (159-167)
3. Debashis, Roy, and Mistry Kamonasish. "Study of interaction and its dynamics with reference to Spotted deer and Sambar populations at spatial scales, under the influence of resource and habitat heterogeneity: a case study with special reference to Kanha and Bandhavgarh National Park." *Environment and Ecology* 37, no. 1B (2019): 373-386.
4. Mistry, Kamonasish, and Debashis Roy. "Species Habitat relationships of spotted deer through Geo-Spatial analysis at Kanha National park: A cluster oriented study." *Eco. Env. & Cons.* 26 (February Suppl. Issue) : 2020; pp. (S183-S194)
5. Mistry, Kamonasish, Biplab Biswas, Siwen Zhang, Tao Wu, Liang Zhou, Abdelfettah Benchrif, and Srimanta Gupta. "GEOSS: an intelligent methodology for identifying site suitability of air sample collection." *International Journal of Intelligent Systems Technologies and Applications* 19, no. 5 (2020): 421-443.
6. Biswas, Biplab, Rabindranath Roy, Tanusri Roy, Sumanta Chowdhury, Asish Dhara, and Kamonasish Mistry. "Geographical Appraisal of COVID-19 in West Bengal, India." *GeoJournal* 87, no. 4 (2022): 2641-2662. <https://doi.org/10.1007/s10708-021-10388-4>

Research Awards/ Recognitions Received by Faculty:

1. Registered for Ph.D. Research in the Department of Geography, The University of Burdwan on the topic entitled "Geospatial Modelling of Air Pollution, Public Health in Respect of Land Use Land Cover Types and Changes in KMA and Surrounding Rural Areas"

Extension Activities by Faculty:

1. Coordinator of the Post Graduate Study Centre of Sammilani Mahavidyalaya affiliated to Vidyasagar University (2012 to till date).

Seminar, Workshop Attended/Presented:

- Participated and presented a paper entitled “Land Abuse & Conservation: Part of Active Delta Area, South 24 Parganas”; in the National level *Conference on Land and Water Management in India (LAWMI)*, organized by the Institute of Landscape, Ecology and Ekistics (ILEE) and Indian Institute of Bio-Social Research & Development (IBRAD), on 13-14 December, 2002.
- Participated and presented a paper and a poster entitled “Changing Land Use pattern of a Part of Active Delta Area - 24 Parganas(S)”; in the National level 15th IGI *Conference*, organized by Department of Geography, University of Rajasthan, on 20-22 January, 2003.
- Participated and presented a paper in the International *Conference on Sustainable Management of Natural Resources (Land, Water and Forest)*, organized by the Department of Geography, Banaras Hindu University, on 11-14 February, 2004.
- Participated and presented a paper entitled “Unexpected Sinking of Land - A Violent Environmental Problem”; in the National level XVIIth IGI National Conference, organized by the Department of Geography, University of Pune, on 29th November to 1st December, 2004.
- Participated in the workshop on ‘New B.A/B,Sc Part II Geography Honours Syllabus’ organized by the Department of Geography, Vivekananda College For Women, on 3rd September, 2005.
- Attended the National Seminar-cum Workshop on ‘Contemporary Issues in Geography’ organized by the Department of Geography, University of Calcutta in collaboration with the Geographical Society of India on 30th September and 1st October, 2005.
- Participated in the UGC sponsored State Level Seminar on ‘Frontiers of Applied Biology and Biotechnology’ organized by Sammilani Mahavidyalaya on 20th December, 2005.
- Participated in the UGC sponsored Seminar on ‘Hazard Perception and Disaster Management with Special Reference to India’ organized by Sivanath Sastri College on March 18, 2006.
- Participated and presented a poster in UGC sponsored National level seminar on “Undergraduate Physics Education and Advancement in Physics Research” organized by the Department of Physics, Sammilani Mahavidyalaya on 24-25 November, 2006.
- Participated and presented models in the UGC sponsored State level Seminar on ‘Natural Calamities and its Aftermath’ organized by the NSS unit of Sammilani Mahavidyalaya on 4th and 5th April, 2007.

- Participated in the state level seminar on “Global Warming and its Impact on the Biotic and Abiotic Components of the Green Planet” organized by the Department of Geography, South Calcutta Girls' College, on 31st March, 2008
- Attended the National Seminar-cum-Workshop on ‘Relevance of the Undergraduate Geography Syllabus in the Employment Scenario’ organized by the Department of Geography, Vivekananda College for Women in collaboration with the University of Calcutta on 26th April, 2008.
- Participated and presented a poster in the National level *Conference on Sustainable Development and Disaster Management*, organized by the Dept. of Geography, Rabindra Bharati University, on 27-28 March, 2010.
- Participated in the UGC sponsored National Seminar on ‘Women Empowerment: Commemorating 100 Years of International Women’s Day’ organized by the Department of History, Sammilani Mahavidyalaya on 24th and 25th February, 2011.
- Participated in the workshop on “Thematic Mapping with Soil data” organized by the Department of Geography, Vivekananda College for Women, 27th September, 2012.
- Participated in the Workshop on ‘Modalities of Practical Examinations in Geography’ jointly organized by The Undergraduate Board of Studies in Geography, University of Calcutta and Department of Geography, Vivekananda College for Women on 22.11.2014.
- Participated in the Workshop on “Methodology in Geographical Research” organized by the Postgraduate Department of Geography, Vivekananda College for Women on 2015
- Participated in the International Seminar on “Environment, Public Health and GIS (EPH and GIS 2016)”; Department of Geospatial Science, University of Burdwan, on 16th August, 2016.
- Participated and presented a paper entitled “GEOSS: A Methodology of Sample Collection for Air Pollution over different LULC types” in the national level seminar of the Regional Science and Technology Congress (Western Region) organized by the University of Burdwan and Dept. of Higher Education, Science and technology and Biotechnology, Govt of West Bengal, on 16-17 November, 2017.
- Participated and presented a paper entitled “GEOSS: A Methodology of Sample Collection for Air Pollution over different LULC types” in the International Seminar System Dynamics, Human Nature, Interaction and Societal Discourse; organized by the Dept. of Geography, University of Burdwan, on 11th November 2017.
- Organized a Seminar on ‘Transformations in Higher Education: Introducing CBCS and CAS’ as a member of IQAC, Sammilani Mahavidyalaya in collaboration with West Bengal State University on 29th March, 2018.
- Participated in the Workshop on ‘Implementation of CBCS System in the UG Studies in Geography’ organized by the Department of Geography, Sri Shikshayatan College in collaboration with the Faculty Council for Undergraduate Studies and Board of Studies in Geography, University of Calcutta on 8th May, 2018.

- Participated and presented a paper entitled “Air Pollution and Public Health-Reconnecting through Literature” in the International Seminar on Frontiers in Biological, Environmental and Medical Sciences, organized by the University of Burdwan, on 07-09 March, 2019.
- Participated in the Workshop on ‘Implementation of UG Syllabus in CBCS(Semester 3 and 4)’ organized by the Department of Geography, Sri Shikshayatan College in collaboration with the Faculty Council for Undergraduate Studies and Board of Studies in Geography, University of Calcutta on 26th April, 2019.
- Participated in the International Webinar on” Whose Liver Matter? Contextualizing Racial & ethnic Discrimination” organized by the Loreto College, Kolkata on 8th August, 2020.
- Participated in the International Webinar on “Environment, development and Sustainability” organized by the Department of Geography, Krishna Chandra College on 2th September, 2020.
- Participated in the National Webinar on “Air Quality during Lockdown: Experience of West Bengal” organized by Shahid Matangini Hazra Government College for Women on 2nd October, 2020.