

CV: DR. SUMAN KR. DEY

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SPECIALISATION

- Geoinformatics

EDUCATION

Ph.D.

PRESENT POSITION

Assistant Professor, Swami Vivekananda University, Kolkata.

FIELD OF SPECIALIZATION

GIS Application in Natural Resource and Disaster Management and Fluvial Geomorphology.

WORK EXPERIENCES

1. Digital Image Processing and GIS Applications related to Management of natural resources in general and wetland in Particular.
 2. Field work on Sunderban river bank erosion (pakhirala village) & Bakkhali coastal erosion.
 3. Co-Investigator in the “Study of landslide disaster and its impact on land-use/land cover in Darjiling District, West Bengal, India using PALSAR and AVNIR-2 Data.” In Japan Aerospace Exploration Agency (JAXA) 2-1-1 Sengen, Tsukuba-shi, Ibaraki 305-8505, JAPAN.
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4. Junior Research Fellow in the project ***“Save The Nature and People: A Study On Bio-Diversity of Darjeeling Hills Areas and Evenhanded Future Actions.”*** Dept. of Science and Technology Govt. of India.
5. Junior Research Fellow in the project ***“GIS Mapping of cities covered under the National Urban Health Mission (NUHM)”*** Project sponsored by Department of Health & Family Welfare, Govt. of West Bengal.
6. As an Assistant Teacher in Geography, Bhagabatipur Milan Vidyapith.

TRAINING/ CONFERENCE/WORKSHOP ATTENDED:

1. Attended Training on Remote Sensing Applications, IIRS, Deradun in 2010.
2. Participated in a Workshop on Environmental Impact Assessment on ***Urban Infrastructure Projects***: organized by the Human Settlement Management Institute at New Delhi, on 11-15th January, 2012.
3. Participated in a Workshop on ***Disaster Preparedness*** organized by Department of Civil Engineering, Jadavpur University, Kolkata 700032, India.

AWARDS

1. Best Poster Award of GTACC-2018.

RESEARCH PAPER PUBLISHED/COMMUNICATED

1. Chakraborty, A., & Dey, S. K. (2017). A Review On Landslide Disaster and Its Impact On Land-Use/ Land Cover In Sikkim Hill Regions, West Bengal, India Using Cartosat-I And Liss-IV Data. Budil , 2 (1).
2. Chakraborty, A., Halder, S., & Dey, S. K. (2014). Application of Remote Sensing and GIS for off-take shifting and present river Dynamics- a case study from Mathabhanga River. SA-SA-SI-NA , 1-10.
3. Chakraborty, A., Halder, S., Nazneen, S., & Dey, S. K. (2019). East Kolkata Wetlands (EKW), India: A Unique Example of Resource Recorvery. In Wastewater Reuse and Watershed Management (pp. 25-40). CRC Press, a Taylor & Francis Group.
4. Dey, S. K., & Dey, K. (2017). Mukta Vidyalayer Uccha Madhyamik Arthonaitik Bhugoler Ptashnattor (Vol. 2). M M Publication, Kolkata.

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5. Dey, S. K., & Gayen, S. K. (2020). Disparity in Agricultural Productivity and Groundwater Conditions of Nadia District of West Bengal. *Ground Water* , 15 (1), 89-101.
6. Dey, S. K., & Gayen, S. K. (2019). The Shifting Of Off- Take Points At The Gangetic Flood Plain- A Case Study of Mathabhanga River. *Indian Journal of Regional Science* , L1 (2), 39-46.
7. Dey, S. K., Chakraborty, A., & Halder, S. (2018). Impact of Open-Pit Mines on Runoff Processes in Noamundi Watershed, West Singhbhum, Jharkhand. *Indian Journal of Spatial Science (IJSS)* , 9 (2).
8. Dey, S. K., Dey, K., & Roy, T. K. (2019). Water Conditions and Disparity in Agricultural Productivity of Saraswati River Basin in Hooghly District of West Bengal. *Ground Water* , 13 (1).
9. Dey, S. K., Gayen, S. K., & Dey, K. (2019). Industrialisation, Mining and Urbanisation Vis A Vis Hirakund Dam. In *Disaster* (pp. 148-156). M M Publication, Kolkata.
10. Dey, Suman Kumar;. (2017). Rainfall-Runoff Process Analysis using Spatial Analyst Technology for Dhaleswari-Maidun Hilly Watershed, Mizoram, India. *Indian Journal of Spatial Science (IJSS)* , 8 (2), 66-70.
11. Halder, S., Chakraborty, A., & Dey, S. K. (2020). Improving the Usage of Water in Crop Production using Geospatial Data in the Joda Mine Area of Kendujhar, Odisha, India. *Indian Journal of Spatial Science (IJSS)* , 11 (2), 33-39.
12. Islam, R. I. (2018). *Uccha Madhyamik Bhugol Disha*. M M Publication, Kolkata.
13. Kundu, N., Chakraborty, A., & Dey, S. K. (2017). Ground Water Risk Assessment In Landslide Disaster Prone Hilly Regions Of Darjeeling District, West Bengal. 40 (1), 23-35.
14. Raha, S., Dey, S. K., Mondal, M., & Gayen, S. K. (accepted yet to be publication). *Spatiotemporal Assessment of Drought Intensity and Trend Along With*. Springer.
15. Sana, R. I., Dey, S. K., & Chakraborty, A. (2017). An Overview of Rainwater Harvesting: A Sustainable Way of Water Utilization. *Ground Water* , 9 (1).

PAPER PRESENTED IN CONFERENCE/ SEMINAR/ SYMPOSIA/WORKSHOP:

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1. Presented paper entitled, ***“Ravage caused by industrial effluents- a case study on transboundary river Mathabhanga, Nadia, West Bengal, India.”*** in the National level Webinar on "Sino-Indian Conflict: Escalation & Troubled Transition-Perspectives, Issues and Strategies" organized by the Departments of Philosophy, Journalism & Mass Communication and Geography, Behala College, in collaboration with ICSSR-ERC held on 25th, 26th & 27th September 2020.
2. Presented paper entitled, ***“Status Of Agricultural Productivity Of Mathabhanga-Churni River Basin, Nadia District, West Bengal Based On Kendall’s Method”*** in the International National level Webinar on "Clean Environment for a Cleaner World" jointly organized by Barrackpore Rastraguru Surendranath College in collaboration with Scientific & Environmental Research Institute, held on 22th, 23th & 24th December 2020.
3. Presented paper entitled, ***“Application of Remote Sensing and GIS for off-take shifting and present river Dynamicsa case study from Mathabhanga River”*** in the International National level Webinar on "The Changing Role of the State amidst New Global (Dis)order" organized by Bengal Institute of Political Studies (BIPS), held on 12th, September 2020.

LIFE MEMBERS

1. Indian Society of Remote Sensing, Dehradun, Uttarakhand.

ATTENDED NATIONAL/INTERNATIONAL CONFERENCE/ SEMINAR/ SYMPOSIA/WORKSHOP:

1. Attended National Webinar on Data Journalism & Data Analytics Using Python
Organized by the Department of Journalism & Mass Communication & the Department of Mathematics, Loreto College, Kolkata, July 28th, 2020.
2. Attended National Webinar on Fundamentals Of Applied Geographic Information System And Remote Sensing With Special Emphasis On QGIS Organized by the department of geography in collaboration with IQAC, Basirhat College, 22th to 26th July 2020.
3. Attended National Webinar on Social, Economic and Political Empowerment: Role of Micro Finance Intervention in Diverse Cultures Organized by ICSSR Research Team, University of Calcutta on July 4, 2020

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4. Attended International National Webinar on Application of Statistics in Contemporary Issues organized by Department of Statistics in collaboration with IQAC, Krishnagar Government College, West Bengal, India on August 02, 2020
 5. Attended State Level Webinar on "Covid-19 Pandemic: Understanding the Challenges and Finding the Strategies" organized by Department of Geography, Sudhiranjan Lahiri Mahavidyalaya in Collaboration with Department of Geography, Nabadwip Vidyasagar College on 19th July, 2020.
 6. Participated in the National Level Webinar on 'Environmental Crisis & Sustainable Development' organised by Department of Environmental Science in association with IQAC, Panchmura Mahavidyalaya on September 17, 2020.
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