CURRICULUM VITAE OF Dr. SWAPAN KUMAR MAITY

Dr. Swapan Kumar Maity
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Department of Geography
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Gender **: Male**
Caste **: General**
Highest Degree **: Ph. D.**

1. Educational Background:

B.A – Geography, 2005	Vidyasagar University, Midnapur, West Bengal, India
M.A. – Geography & Environment Management, 2007	Vidyasagar University, Midnapur, West Bengal, India
Ph.D. – Mechanisms of sedimentation in the lower reach of the Rupnarayan River, 2015	Vidyasagar University, Midnapur, West Bengal, India

2. Teaching Experience:

7 years of U.G. level in geography and 2 years of P.G. level in Geography & Environment Management.

Teaching interest:

1. Geo-tectonic
2. Geo-morphology
3. Climatology
4. Practical Geography
5. Remote Sensing & GIS

3. Research Experience: More than 10 years of research experience.

Specialization in research:

1. Fluvial Geomorphology
2. River Sedimentation
3. Sediment Mineralogy

4. List of published books:

1. Sedimentation in the Rupnarayan River: Hydrodynamic Processes under a tidal system. **Springer Briefs in Earth Sciences, Volume-I (**ISBN 978-3-319-62303-0**). Springer International Publishing AG**.

2. Sedimentation in the Rupnarayan River: Estuarine Environment of Deposition. **Springer Briefs in Earth Sciences, Volume-II (**ISBN 978-3-319-71314-4**). Springer International Publishing AG**.

3. Essential Graphical Techniques in Geography. **Advances in Geographical and Environmental Sciences,** (Hardcover ISBN - 978-981-16-6584-4, eBook ISBN - 978-981-16-6585-1). **Springer Nature**.

5. List of published papers:

1. Sedimentation under variable shear stress at lower reach of the Rupnarayan River, West Bengal, India. Water Science Journal **(Elsevier)**, Vol. 31, pp.67-92, 2017 (ISSN: 1110-4929).
2. Understanding the Sources of Sediments from Mineral Composition at Lower Reach of the Rupnarayan River, West Bengal, India– An X-Ray Diffraction (XRD) Based Analysis. GeoResJ (**Elsevier**), Vol. 9(12), pp.91-103, 2016 (ISSN: 2214-2428).
3. Tidal impact leading to sedimentation at lower reach of the Rupnarayan River, West Bengal, India. Indian Journal of Geo-marine sciences, Vol. 45 (10), pp. 1349-1356, October 2016 (ISSN: 0379-5136) (Impact Factor-0.316).
4. Analysis of sedimentation in connection to grain size and shear stress at lower reach of Rupnarayan River, West Bengal, India. Indian Journal of Geo-marine Sciences, Vol. 45(9), pp. 1128-1137, September 2016 (ISSN: 0379-5136) (Impact Factor-0.316).
5. Sedimentation and associated problems at lower reach of the Rupnarayan River - a case study near Kolaghat Thermal Power Station. Seminar volume, Department of Geography, Hijli College, pp. 71-86, 2013 (ISBN: 81-87500-71-9).

6. Hydrodynamics at the junction of Silabati, Dwarakeswar and Rupnarayan River at Bandar, Paschim Medinipur, West Bengal, India. Earth Science India, Volume- 6(II), pp. 77-89, 2013 (eISSN: 0974 – 8350).
7. Local scouring at and around vertical hydraulic structure- a case study around piers of bridges on Rupnarayan River, West Bengal. Indian Science Cruiser, Volume-26, pp. 38-46, 2012 (ISSN: 0970-4256).
8. Fluvio-morphometric analysis of Silabati and Dwarakeswar river basin, West Bengal, India using spatial information technology- a comparative study. Indian Journal of Power and River Valley Development, September-October issue, pp. 130-137, 2012 (ISSN: 0019-5537).
9. Impact of sedimentation on development and shifting of shoal area, pools and riffles and thalweg position at lower reach of the Rupnarayan River- a case study. Indian Journal of Power and River Valley Development, March-April issue, pp. 46-54, 2012 (ISSN: 0019-5537).
10. Analyzing stream hydraulics and risk of sedimentation at lower reach of the Rupnarayan River. Journal of River Research Institute, Volume -31, pp. 23-38, 2011 (ISSN: 0970-9258).

6. Presentation of papers in National and International Seminars and Conferences:

1. Textural analysis of sediment grain size at lower reach of the Rupnarayan River, West Bengal, India. UGC Sponsored National Seminar, Dept. of Geography and Environment Management, Vidyasagar University, March 4-5, 2016.
2. Tidal asymmetry leading to sedimentation at lower reach of the Rupnarayan River, West Bengal, India. UGC Sponsored National Seminar, Dept. of Geography, Bankura Christian College, December 2-3, 2015.
3. Understanding the Sources of Sediments from Mineral Composition at Lower Reach of the Rupnarayan River, West Bengal, India– An X-Ray Diffraction (XRD) Based Analysis. 28th IGI Conference & National Seminar, Dept. of Geography, North Eastern Hill University, October 29-31, 2015.
4. Sedimentation under variable shear stress at lower reach of the Rupnarayan River, W.B., India. 27th Annual Conference of the IIG and National cum International Seminar, Dept. of Geography and Environment Management, Vidyasagar University, November 14-17, 2014.
5. Shear stress for sediment entrainment in connection to grain size at lower reach of the Rupnarayan River, W.B. India. In the 35th Indian Geographers' meet & International Conference, Department of Geography, University of Burdwan, November 11-13, 2013.
6. Sedimentation and associated problems at lower reach of the Rupnarayan River- A case study near Kolaghat Thermal Power Station. In the National Seminar, Dept. of Geography and Sociology, Haldia Govt. College, March 19-20, 2013.

7. Interaction of fluvial and marine processes leading to sedimentation at lower reach of the Rupnarayan River. In the National Seminar, Dept. of Geography and Environment Management, Vidyasagar University, March 19-20, 2012.
8. Understanding the mechanism of sedimentation at lower reach of the Rupnarayan River. In the International Conference, Dept. of Geography, University of Calcutta, March 10-12, 2012.
9. Analyzing the risk of sedimentation through understanding stream hydraulics at lower reach of the Rupnarayan River. In the 24th IGI Conference and National Seminar, Dept. of Geology, Anna University, Chennai, October 19-22, 2011.
10. Problem of sedimentation at lower reach of the Rupnarayan River-A case study near Kolaghat Region. In the National Seminar, Dept. of Geography, University of Calcutta, March 10-11, 2011.
11. Problem of sedimentation at lower reach of the Rupnarayan River. In the 23rd IGI Conference and National Seminar, Dept. of Geography, Gauhati University, November 20-22, 2010.

7. Participation in National Seminars and Workshop:

1. DST Sponsored 10-days' National Workshop on Essential Laboratory and Field Techniques in Geosciences, Organized by Dept. of Geography and Environment Management. Vidyasagar University, 14th – 23rd December, 2016.
2. UGC Sponsored 3-days' Workshop on Revision of Under Graduate Syllabus, Organized by Dept. of Geography and Environment Management. Vidyasagar University, 11th – 13th February, 2014.
3. UGC sponsored National Seminar on Safe and Environment friendly Food Additives and Dyes. Organized by Department of Chemistry, Hijli College and Mugberia Gangadhar Mahavidyalaya, 2-3rd February, 2012.
4. UGC sponsored National Seminar on Flood in West Bengal: Disaster and Management. Organized by Pingla Thana Mahavidyalaya and Chandrakona Vidyasagar Mahavidyalaya, 8-9th December, 2011.
5. UGC sponsored National Seminar on Social Dimensions of Hazard Management. Organized by Dept. of Geography, Hijli College, 4-5th November, 2011.
6. UGC sponsored National Seminar on Regional Environmental Problems and Societal Development, Organized by Dept. of Geography and Environment Management. Vidyasagar University, 24-25th February, 2010.