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Publication:

- Feb, 2023 "Floods in the Ganga-Brahmaputra-Meghna Delta" @ Book Editor of Springer Geography: International Publication House (Switzerland) [ISBN: 978-3-031-21085-3]
- Oct, 2022 Role of transportation infrastructures on the alteration of hillslope and fluvial geomorphology @ The Anthropocene Review (SAGE), Volume 9, Issue 3, pp. 344–378. (United Kingdom) [DOI: 10.1177/20530196221128371]
- Apr, 2022 Flood-Induced Transport Infrastructural Losses in India: Regional Assessments @ Chapter in edited book "Spatial Modelling of Flood Risk and Flood Hazards. GIScience and Geo-environmental Modelling" by Pradhan B. et al. @ Springer Nature International, pp. 185 - 201 (Switzerland) [10.1007/978-3-030-94544-2_11]
- Mar, 2022 "Anthropogeomorphology of Bhagirathi-Hooghly River System in India" @ Book Editor of CRC Press: Taylor and Francis Group (USA) [ISBN: 9780367557270]
- Mar, 2022 Anthropogeomorphological Signatures over the Ajay River Basin @ Chapter in edited book "Anthropogeomorphology of Bhagirathi-Hooghly River System in India" by Das B.C et al., @ CRC Press: Taylor and Francis Group (USA), pp. 189 – 2013. [ISBN 9780367557270]
- Apr, 2021 Impact of linear transport infrastructure on fluvial connectivity across the catchments of West Bengal, India @ Geocarto International, volume 37, issue 17, pp. 5041-5066 (UK) [DOI: 10.1080/10106049.2021.1903576]
- Jan, 2021 Preliminary Insights on the Dynamics of Flow Regime and Sediment Flux in Drainage Basin Study @ Chapter in edited book "Drainage Basin Dynamics: An Introduction to Morphology, Landscape and Modelling", by Shit, P.K. et al. @ Springer Nature International, pp. 359 - 382 (Switzerland) [DOI: 10.1007/978-3-030-79634-1_16]

- Nov, 2019 Influence of Road-Stream Crossing on the Initiation of Gully: Case Study from the Terai Region of Eastern India @ Chapter in edited book “Gully Erosion Studies from India and Surrounding Regions” by by Shit, P.K. et al. @ Springer Nature International, pp. 251 - 263 (Switzerland) [DOI: 10.1007/978-3-030-23243-6_15]
- May, 2018 Influence of Faulting on the Extra-Channel Geomorphology of the Ajay-Damodar Interfluvium in Lower Ganga Basin @ Chapter in edited book “Quaternary Geomorphology in India: Case Studies from the Lower Ganga Basin” by Das B.C. et al. @ Springer Nature International, pp. 79 - 87 (Switzerland) [DOI: 10.1007/978-3-319-90427-6_4]
- May, 2018 Geophysical Control on the Channel Pattern Adjustment in the Kunur River Basin of Western Part of Lower Ganga Basin @ Chapter in edited book “Quaternary Geomorphology in India: Case Studies from the Lower Ganga Basin” by Das B.C. et al. @ Springer Nature International, pp. 89 - 103 (Switzerland) [DOI: 10.1007/978-3-319-90427-6_4]
- Aug, 2017 Road-stream crossing an in-stream intervention to alter channel morphology of headwater streams: case study @ International Journal of River Basin Management (Taylor & Francis Group), Vol. 16, Issue 1, pp. 1 – 19 (United Kingdom) [DOI: 10.1080/15715124.2017.1365721]
- May, 2017 Potential Interaction between Transport and Stream Networks over the Lowland Rivers in Eastern India @ Journal of Environmental Management (Elsevier), Volume 197, pp. 316 – 330 (USA) [DOI: 10.1016/j.jenvman.2017.04.012]
- Sep, 2016 Effect of land cover on channel form adjustment of headwater streams in a lateritic belt of West Bengal (India) @ International Soil and Water Conservation Research (Elsevier), Volume 4, Issue 4, pp. 267 – 277 (USA) [DOI: 10.1016/j.iswcr.2016.09.002]
- Mar, 2016 Morphotectonic Map Generation using Geo-Informatics Technology: Case Study over the Ajay-Damodar Interfluvium, West Bengal, INDIA @ Arabian Journal of Geoscience (Springer), Volume 9, No. 183, pp. 1 – 18 (Switzerland) [DOI: 10.1007/s12517-015-2247-z]
- Mar, 2016 Effectiveness of Basin Morphometry, Remote Sensing, and Applied Geosciences on Groundwater Recharge Potentiality Mapping: A Comparative Study within a Small Watershed @ Frontiers of Earth Science (Springer), Volume 10, Issue 2, pp. 274 – 291 (Switzerland) [DOI: 10.1007/s11707-016-0558-3]
- Jan, 2016 Effect of Longitudinal Disconnection on In-stream Bar Dynamics: A study at selected road-stream crossings of Ajay River @ Chapter in edited book “Neo-Thinking on Ganges-Brahmaputra Basin Geomorphology” by by Das B.C. et al. @ Springer Nature International, pp. 81 - 97 (Switzerland) [DOI: 10.1007/978-3-319-26443-1_6]
- Nov, 2015. Palaeo-path Investigation of the Lower Ajay River (India) using Archaeological Evidence and Applied Remote Sensing @ Geocarto International, volume 31, issue 9, pp. 966 - 984 (United Kingdom) [DOI: 10.1080/10106049.2015.1094526]
- May, 2015 Quaternary Tectonic Control on Channel Morphology over Sedimentary Low Land: A Case Study in the Ajay-Damodar Interfluvium of Eastern India @ Geoscience Frontiers (Elsevier), Volume 6, No. 6, pp. 927 – 946 (China) [DOI: 10.1016/j.gsf.2015.04.001]
- Dec, 2013 Estimation of Peak Flood Discharge for an Ungauged River: A Case Study of the Kunur River, West Bengal @ Geography Journal (Hindawi International), Volume 2013, pp. 1 – 11 (United Kingdom) [DOI: 10.1155/2013/214140]