

LIST OF PUBLICATIONS

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Publications out of Ph.D. work

❖ In peer-reviewed referred journals

1. **Dongare, C. U., & Deota, B. S. (2023).** Significance of geomorphic indicators for identification of groundwater recharge potential in the Khapri watershed of Deccan Volcanic Province (DVP), district Dangs, western India. *Groundwater for Sustainable Development, Elsevier*, 100956 Volume 22. (*Scopus indexed*) <https://doi.org/10.1016/j.gsd.2023.100956> (IF = 5.9)
2. **Dongare C. U., Mukherjee S., Deota B.S., (2022)** Morphometric analysis of two milli-watersheds in Deccan Volcanic Province of Dangs District, Gujarat, India”. *Journal of Geo-interface*, vol 1. Issue 1., July 2022.
https://cehesh.in/contents/july2022vol1/5.%20Dongare%20et%20al._July_2022_pp.28-35.pdf
3. **Dongare, C. U., Deota, B. S., & Deshpande, R. D. (2022).** High resolution morphometric studies with special reference to hydrological setup of Khapri watershed, Dangs district, Gujarat, Western India. *Geocarto International, Taylor and Francis* vol. 37 issue 13, pp. 3697-3720. (*Scopus indexed*) <https://doi.org/10.1080/10106049.2022.2066205> (IF = 3.8)

Other publications during Ph.D.

❖ In peer-reviewed referred journals

1. **Dongare C.U., Deota B.S., Mankad M. D. and Trivedi Y.N., (2023).** Quasiquientennial shrinkage of glacier as a testimony of regional climate change: An example of Janapa Garang glacier (JPG), Baspa basin, Western Himalayas, India. *Climatic Change, Springer (IF=5.3) In Press.*
2. Pancholi, V., Chaudhary, V., Lakhmapurkar, S., Patel, P., Rabari, R., **Dongare, C. U.** and Chopra, S., (2022). Estimation of Groundwater Potential Zones Using Remote Sensing and Geographical Information System Technique-Waghai Taluka, Dang District, Gujarat, Western India. *Environmental Challenges, Elsevier* p. 100615. (*Scopus indexed*) <https://doi.org/10.1016/j.envc.2022.100615> (cite score = 3.9)
3. **Dongare C.U.** and Deota B.S. (2020) “Usefulness of Remote sensing and GIS techniques in estimation of surface velocity, ice-thickness and volume of glacier”. *Journal of Maharaja Sayajirao University of Baroda – Science & Technology*, vol. 54 no. 1 2020 pp. 15-27 (*UGC CARE list indexed*)

❖ Book Chapters in edited volumes

1. **Dongare CU, Deota BS, Joshi AU, Limaye MA. (2022).** Geomorphology along the west coast of India, through remote sensing. In: Misra AA, Mukherjee S (Eds) **Atlas of Structural Geological and Geomorphological Interpretation of Remote Sensing Images, Wiley Blackwell** DOI: 10.1002/9781119813392.ch8
2. Deota BS, Trivedi YN, Bahuguna IM, Mankad M, **Dongare CU. (2022).** Geomorphic indicators of glacier retreat from Jorya-Garang glacier of Baspa Valley, Himachal Pradesh, India. In: MisraAA, Mukherjee S (Eds) **Atlas of Structural Geological and Geomorphological Interpretation of Remote Sensing Images, Wiley Blackwell** DOI: 10.1002/9781119813392.ch4

Abstract / Poster(s) Presented

1. Geomorphic indicators for groundwater sustainability of Khapri watershed, Dangs district, Gujarat, Western India. **Chinmay Dongare** and Bhushan Deota, Second International Virtual Conference on Environment & Sustainable Development, Organized by Society for Sustainable Development, New Delhi, India. 3rd - 5th September 2022 (**September 2022**) (*International*)
2. Remote Sensing and GIS application in high resolution morphometric studies of Khapri watershed, Dangs district, Gujarat, Western India. **Chinmay Dongare** and Bhushan Deota, International Conference on Groundwater – 2021, Organized by Mohanlal Sukhadia University, Udaipur, Rajasthan, India. October 28 2021 (**October 2021**) (*International*)
3. Morphometric analysis of Bordahad Sub-watershed, Dangs district, South-Gujarat, Western India. Margi Chavda and **Chinmay Dongare** at International Virtual Conference in Geosciences with focus on Climate Change (ICGCC-2021) Organized by, Department of Geology, Mohanlal Sukhadia University, Udaipur, Rajasthan, India (**July-2021**) (*International*)
4. Morphometric studies of Kurada Macro-Watershed, Dangs district, South-Gujarat, Western India. Priyanka Rathod and **Chinmay Dongare** at International Virtual Conference in Geosciences with focus on Climate Change (ICGCC-2021) Organized by, Department of Geology, Mohanlal Sukhadia University, Udaipur, Rajasthan, India (**July-2021**) (*International*)
5. Drainage Morphometric Analysis and Groundwater Potential Zone Mapping of two milliwatersheds in Dangs district, Gujarat, Western India. **Chinmay Dongare**, Shriti Mukherjee and Bhushan Deota, National Conference on Advancement in Interdisciplinary Research (NCAIR-2021), Jointly organised by Amiruddaula Islamia Degree College, Lucknow, UP & Science Tech Institute, Lucknow, UP India on July 29-31, 2021 (**July 2021**) (*National*).
6. Significance of morphometric analysis in assessing groundwater prospects of a basaltic watershed, South-Gujarat, Western India. **Chinmay Dongare** and Bhushan Deota, International Virtual Conference in Geosciences with focus on Climate Change (ICGCC-

- 2021) Organized by, Department of Geology, Mohanlal Sukhadia University, Udaipur, Rajasthan, India **(July-2021)** *(International)*
7. Quasiquicentennial response of Janapa-Garang glacier, Baspa basin, Western Himalayas, India. **Chinmay Dongare** and Bhushan Deota in the International Conference on Himalayan Cryosphere (IHC-2020) from October 19-23, 2020 Organized by Divecha Centre for Climate Change, Indian Institute of Science, Bengaluru **(October-2020)** *(International)*
 8. Remote Sensing and GIS inputs in estimation of Mass Balance studies of Janapa-Garang glacier, Baspa Valley, Himachal Pradesh India **Chinmay Dongare** and Bhushan Deota at two-day e-conference on Climate Change, Environmental Health and Sustainable Development Goals in Post COVID-19 World on the occasion of World Environment Day, 2020 - 4th -5th June, 2020. **(June-2020)** *(National)*
 9. Estimation of surface glacier velocity of Janapa-Garang glacier, Baspa Valley, H.P., India **Chinmay Dongare** and Bhushan Deota at Innovations in geospatial technology for sustainable development with special reference on NER, NESAC Shillong, India. **(November-2019)** *(National)*
 10. Estimation of surface glacier velocity using remote sensing and GIS techniques **Chinmay Dongare** and Bhushan Deota at All India Students Symposium Geology organised by Mohanlal Sukhadia University, Udaipur, India. **(February-2019)** *(National)*