

List of Research Papers Published from the present study

| Sr No | Publication/Publishers | Title of Paper | ISSN/ISBN, Date |
|-------|---|--|---|
| 1 | 22 nd International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2017) | Meteorological Drought Analysis Using SPI, PNI & PD in Sabarkantha District, Gujarat | 21 st to 23 rd December 2017 Vol 3, PP 2025-2033 |
| 2 | Parul University International Conference On Engineering & Technology (Picet-2018): Smart Construction | Climatological Drought Index Computation Using Reconnaissance Drought Index For Sabarkantha District, Gujarat, India | 16 th -18 th February 2018 |
| 3 | 23 rd International Conference On Hydraulics, Water Resources And Coastal Engineering (HYDRO 2018) | Analysis of Drought Periods for Mehsana During 20 th Century | 19 th to 21 st December 2018 |
| 4 | 1 st National Conference On “Emerging Research And Innovations In Civil Engineering” (ERIC 2019) | Meteorological Drought Assessment In Banaskantha, Gujarat | 15 th & 16 th February , 2019 ISBN: 978-93-53463-53-3 PP 22 |
| 5 | 24 th International Conference (Hydraulics, Water Resources, Coastal Engineering) (HYDRO 2019) | Assessments of Meteorological Drought Indices Using SPI and RDI in Mehsana Region, Gujarat, India | 18 th -20 th December, 2019 BS Publications ISBN:978-93-8935-484-3 PP 1874-1880 (Volume II) |
| 6 | 38 th & 39 th AHI Annual Convention and National Seminar on “Hydrology” Focal theme on ‘Changing Climate and Extreme Hydrological Events’ | Drought Assessment & Monitoring Using Different Indices In Panchmahal District, Gujarat, India | 25 th – 26 th Feb, 2022 |
| 7 | Ecological Perspective (ECOPERS) : An International Academic Journal | Dry and Wet Period Analysis using Meteorological Drought Indices in Sabarkantha district Gujarat, India | E ISSN: 2792-0062 Vol. 3 No. 1 (2023): July – 2023 |

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| 8 | Ecological Perspective (ECOPERS) : An International Academic Journal | Assessment & Monitoring of Agricultural Drought Indices Using Remote Sensing Techniques and their Inter-Comparison | E ISSN: 2792-0062 Vol. 3 No. 1 (2023): July - 2023 |

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| 9 | GAU Research Journal, Gujarat Agricultural Universities Research Journal UGC CARE Listed Journal | Spatial Monitoring of Agricultural Drought Using Multiple Drought Indices Using GIS Approach in Sabarkantha district of North Gujarat Region | will be published in issue 48 (2). ISSN 0250-5193 |
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Book Chapter Publication

1. Book Chapter published in Water Science and Technology Library, Hydrological Modeling: Hydraulics, Water Resources and Coastal Engineering, Volume 109, PP 21-29

Assessments of Meteorological Drought Indices Using SPI and RDI in Mehsana Region, Gujarat, India

ISSN 0921-092X, ISSN 1872-4663 (electronic), Water Science and Technology Library

ISBN 978-3-030-81357-4, ISBN 978-3-030-81358-1 (eBook),
https://doi.org/10.1007/978-3-030-81358-1_3

2. Book chapter published in Innovations in Infrastructure, Advances in Intelligent Systems and Computing, Springer, Singapore, Volume 757, PP 267-274.

Categorization of Drought during Twentieth Century Using Precipitation in Banaskantha District, Gujarat, India

Print ISBN 978-981-13-1965-5, Online ISBN 978-981-13-1966-2
https://doi.org/10.1007/978-981-13-1966-2_23