

CURRICULUM VITAE

Name : Dr. Dipak Bisai
 Designation : Associate Professor
 Date of Joining : 18.07.2006
 Teaching experience : 20+ Years
 Institution address : Dept. of Geography; Egra SSB College;
 Coastal Environmental Studies Research
 Centre affiliated by Vidyasagar University
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 Sex : Male



Academic Id



Orchid Id

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FIELD OF SPECIALIZATION

- Climatology
- Meteorology

COURSES TAUGHT/TEACHING:

Geotectonics, Geomorphology, Techniques, Cartograms and Thematic Mapping, Climatology, Statistical Methods in Geography, Field Work and Research Methodology, Remote Sensing and GIS, Disaster Management, Hydrology and Oceanography, Fluvial Geomorphology, Soil and Biogeography, Coastal Management

SKILL:

SPSS, ERDAS, ARCGIS, RStudio, TRENDS, MASH Analysis.

RESEARCH GUIDE:

Coastal Environmental Studies Research Centre (3 Scholars under my supervision since 2021)

PROJECT WORK:

Two MRP completed funded by UGC & State Govt.

ADMINISTRATIVE RESPONSIBILITIES:

1. HOD :2006-2022
2. Bursar Of the College:2009-2012
3. Programme Officer (NSS): 2007-2012
4. Admission & UGC subcommittee :2006-2022

PUBLICATIONS DETAILS:

Sl. No	Authors	Journal	ISSN No.	Title	Impact Factor
1.	Khan, A., Chatterjee, S., and Bisai, D. (2013)	Indian Journal of Applied Research	ISSN: 2249-555X	Preparing the Socio-economic development Index using PCA for Paschim Medinipur District West Bengal	(IF): 0.8
2.	Khan, A., Chatterjee, S., and Bisai, D. (2013)	Journal of Business Management and Social Sciences Research (JBM & SSR)	ISSN: 2319-5614	Block Level Assessment of Human Vulnerability in Paschim Medinipur District, W.B: Regional Mapping of Social Contours Quantitively	(IF): 1.15
3.	Khan, A., Chatterjee, S., and Bisai, D. (2013)	Asia-Pacific Journal of Public Health	ISSN: 1010- 5395	Measuring the Health inequality in Paschim Medinipur in Paschim Medinipur District, West Bengal, Asia-Pacific Journal of Public Health	(IF): 0.7
4.	Chatterjee, S., Bisai, D. , and Khan, A. (2014)	Atmospheric and Climate Sciences	ISSN: (Online) 2160-0422 ISSN: (Print) 2160-0414	Detection of Approximate Potential Trend Turning Points in Temperature Time Series (1941-2010) for Asansol Weather Observation Station, West Bengal, India	(IF): 1.02
5.	Bisai, D. , Chatterjee, S., and Khan, A. (2014)	International Journal of Engineering Research and Technology (IJERT)	ISSN: 2278-0181	Determination of Undocumented Change Point in Monthly Average Temperature Time Series (1941-2010) for Krishnanagar Weather Observation Station, West Bengal, India	(IF): 1.80
6.	Chatterjee, S., Bisai, D. , and Khan, A. (2014)	Journal of Environment and Earth Sciences	ISSN: (Online) 2225-0948 ISSN: (Paper) 2224-3216	Detection of recognizing events in lower atmospheric temperature time series (1941-2010) of Midnapore Observatory, West Bengal, India	(IF): 5.56
7.	Khan, A., Chatterjee, S., Bisai, D. , and Barman, N.K. (2014)	American Journal of Climate Change	ISSN: (Online) 2167-9509 ISSN: (Print) 2167-9495	Analysis of Change Point in Surface Temperature Time Series Using Cumulative Sum Chart and Bootstrapping for Asansol Weather Observation Station, West Bengal, India	(IF): 1.07
8.	Bisai, D. , Chatterjee, S., Khan, A., and Barman, N.K. (2014)	International Journal of Current Research	ISSN: 0975-833X	Application of Sequential Mann-Kendall Test for Detection of Approximate Significant Change Point in Surface Air Temperature for Kolkata Weather Observatory,	(IF): 2.75

				West Bengal, India	
9.	Khan, A., Chatterjee, S., and Bisai, D. (2014)	Journal of Urban and Regional Analysis	ISSN: 2068-9969	Book Review: The City and the Coming Climate	(IF): 3.25
10.	Barman, N.K., Chatterjee, S., Khan, A., and Bisai, D. (2014)	Coastal Engineering Journal	ISSN: 1793-6292	Determining the Degree of Flood Hazard Risks in the Baliapal Coastal Block, Odisha, India: A Quantitative Approach	(IF): 1.25
11.	Bisai, D. , Chatterjee, S., and Khan, A. (2014)	Hydrology: Current Research	ISSN: 2157-7587	Statistical Analysis of Trend and Change Point in Surface Air Temperature Time Series for Midnapore Weather Observatory, West Bengal India	(IF): 2.75
12.	Bisai, D. , Chatterjee, S., and Khan, A. (2014)	Open Journal of Atmospheric and Climate Change	ISSN: (Print) 2374-3794. ISSN: (Online) 2374-3808	Long Term Temperature Trend and Change Point: A Statistical Approach	(IF): 3.0
13.	Bisai, D. , Chatterjee, S., and Khan, A. (2014)	Journal of Earth Science and Climatic Change	ISSN: 2157-7617	Long-term Trends in Mean Annual Surface, Mean Annual Maximum and Mean Annual Minimum Air Temperatures for Kolkata during 1941-2010	(IF): 3.04
14.	Barman, N.K., Chatterjee, S., Khan, A., and Bisai, D. (2014)	Journal of Coastal Development	ISSN: 1410-5217	Spatial facet of Coastal Vulnerability in the Coastal extend of Balasore District, Odisha, India	(IF): 1.58
15.	Bisai D. , Chatterjee S., and Tamili D.K., (2016)	International Journal of Innovative Science, Engineering & Technology (IJSET)	ISSN: 2348-7968	Analysis of Physical Properties of Soil Samples in Traditional Agricultural area in Purba Medinipur District, West Bengal, India	-
16.	Bisai. D. , Chatterjee. S., Sau. S., Samanta. R., and Saha. S, (2016)	International Journal of Innovative Science, Engineering & Technology (IJSET)	ISSN: 2348-7968	Analysis of Crop-Diversification with Spatio Temporal Concept Over Paschim Medinipur District, West Bengal, India	-
17.	Khan, A., Chatterjee, S., and Bisai, D. (2015)	Journal of Meteorology Hydrology and Water Management	-	On the long-term variability of temperature trends and changes in surface air temperature in Kolkata Weather Observatory, West Bengal, India	(IF): 0.8
18.	Bisai, D. (2019)	International Journal of New Innovations in Engineering and Technology (IJNIET)	ISSN: 2319-6319	Comparative Analysis of Plant Growth Geometry of Ravi Crop (Cauliflower) using Leaf Area Index, Crop Growth Rate and Relative Growth Rate in	(IF): 4.012

				Three River Basin Area of South Bengal	
19.	Bisai, D. (2019)	International Journal of New Innovations in Engineering and Technology (IJNIET)	ISSN: 2319-6319	Trend analysis of production and yield of major crops over South Bengal during last six years	(IF): 4.012
20.	Bisai, D. (2019)	International Journal of Innovations in Engineering and Technology (IJET)	ISSN: 2319-1058	Analysis of Temporal Trends of Rainfall Time Series (1901-2002) of Purulia Weather Observatory by Sequential Mann-Kendall Test, West Bengal, India	(IF): 0.672
21.	Halder, K., Srivastava, A. K., Ghosh, A., Das, S., Banerjee, S., Pal, S. C., Chatterjee, U., Bisai, D. , Ewert, F., & Gaiser, T. (2024)	Scientific Reports (Under Review)	ISSN: 2045-2322	Improving landslide susceptibility prediction through ensemble Recursive Feature Elimination and meta-learning framework	(IF): 4.6
22.	Halder, K., Ghosh, A., Srivastava, A. K., Pal, S.C., Chatterjee, U., Bisai, D. , Ewert, F., Gaiser, T., Islam, A. R. M. T., Alam, E., & Islam, M. K. (2024)	Geomatics, Natural Hazards, and Risk (Under Review)	ISSN: 1947-5713, 1947-5705	Predicting Flood Prone Areas with Sentinel-1 SAR and Machine Learning Techniques	(IF): 4.2
23.	Halder, K., Srivastava, A. K., Ghosh, A., Nabik, R., Pan, S., Chatterjee, U., Bisai, D. , Pal, S.C., Zen, W., Ewert, F., Gaiser, T., Islam, A. R. M. T., Alam, E., & Islam, M. K. (2024)	Environmental Sciences Europe (Under Review)	ISSN: 2190-4707, 2190-4715	Application of bagging and boosting ensemble machine learning techniques for groundwater potential mapping in a drought-prone agriculture region of eastern India	(IF): 5.9
24.	Bisai, D. , Jana, M., Ghosh, A. Chatterjee, U., Alam, E., & Islam, M. K. (2024)	Ecological Process (Under Review)	ISSN: 2192-1709	Drought analysis and hydrological response on Keleghai River basin by ET, SPI, RDI and reliability assessment framework	(IF): 4.6

REVIEW DETAILS:

Sl. No	Reviewer	Journal	ISSN No.	Certificate No.	Impact Factor
1.	Bisai, D. (2021)	International Journal of Environment and Climate Change	ISSN: 2581-8627	SDI/HQ/PR/Cert/72371/DIP	-
2.	Bisai, D. (2023)	International Journal of Environment and Climate Change	ISSN: 2581-8627	SDI/HQ/PR/Cert/104307/DRD	-

**Reviewer work:**

- 1. THE JOURNAL OF INDIAN GEOPHYSICAL UNION
 - NGRI Campus, Uppal Road, Hyderabad-500 007 (A.P)

TEXT BOOK: WEATHER AND CLIMATE SCIENCE (BENGALI VERSION)

- ISBN: 978-93-272-9240-4 (KALYANI PUBLISHERS, NEW DELHI), 2018.
- 2nd Edition Published in 2019, July.
- 3rd Edition on 2022.
- Membership: Professional membership in and contribution to the ISDS, Japan