



TO MAGNIFICA RETTRICE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE \_\_\_\_ 7068 \_\_\_\_

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di** \_\_\_\_ *Department of Economics, Management, and Quantitative Methods (DEMM)* \_\_\_\_\_

Scientist- in - charge: \_\_\_\_\_ **Prof. Rossini Luca**, \_\_\_\_\_

[Name and surname]

**CURRICULUM VITAE**

## PERSONAL INFORMATION

Surname	Dr
Name	Hamdullah

## PRESENT OCCUPATION

Appointment	Structure
Assistant Professor	Federal Govt. Educational Institutions (FGEI C/G), Pakistan.

## EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	PhD	International Islamic University Islamabad, Pakistan.	2022
Specialization	Applied Statistics		
PhD	Statistics		
M. Phil	Statistics	Allama Iqbal Open University, Islamabad, Pakistan.	2014
Degree of medical specialization	None		
Degree of European specialization	None		
Other	None		

## REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
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## FOREIGN LANGUAGES

Languages	level of knowledge
English	– C1
Urdu	– C2
Pashto	– C2

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award

## TRAINING OR RESEARCH ACTIVITY

description of activity
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## PROJECT ACTIVITY

Year	Project

## PATENTS

Patent

## CONGRESSES AND SEMINARS

Date	Title	Place
April 27-28, 2017	<b>3<sup>rd</sup> National Conference on Mathematical Sciences</b>	Department of Mathematics and Statistics, International Islamic University (IIU), Islamabad, Pakistan.
September 23-24, 2022	<b>International Conference on Recent Trends in Statistics and Data Analytics</b>	Department of Mathematics, School of Natural Sciences, National University of Science and Technology (NUST), Islamabad, Pakistan.

## PUBLICATIONS



[Construction of homogeneous climatic regions by combining cluster analysis and L-moment approach on the basis of Reconnaissance Drought Index for Pakistan, Principal Author, <i>International Journal of Climatology</i> , 2019]
[Droughts' projections in homogeneous climatic regions using Standardized Precipitation Index in Pakistan, Principal Author, <i>Theoretical and Applied Climatology</i> , 2020]
[Assessment of drought and wet projections in the humid climatic regions for Pakistan, Principal Author, <i>Stochastic Environmental Research and Risk Assessment</i> , 2020]
[Bivariate homogenous regions and projections based on copula function using RDI and SPI indices for drought risk assessment in Pakistan, Principal Author, <i>Arabian Journal of Geosciences</i> , 2021]
[Drought risk analysis for water assessment at gauged and ungauged sites in the low rainfall regions in Pakistan, Principal Author, <i>Environmental Processes</i> , 2021]
[A multi-scalar statistical approach to develop Standardized Copula-based Drought Index (SCDI) for drought risk analysis, Principal Author, <i>International Journal of Environmental Science and Technology</i> , 2022]
[Performance Evaluation of Standardized Copula-based Drought Index with RDI and SPTI using Severity-Duration Frequency Curves over Balochistan, Pakistan, Principal Author, <i>International Journal of Climatology</i> , 2022]
[Quantifying the Trend Patterns of Rainfall over Baluchistan, Pakistan, Principal Author, <i>FGEI International Journal of Multidisciplinary Research (FIJMR)</i> , 2022]
[Bivariate Drought Risk Assessment for Water Planning Using Copula Function in Balochistan, Principal Author, <i>Environmental Modeling &amp; Assessment</i> , 2023]
[A Copula-Based Approach for Creating an Index of Micronutrient Intakes at Household Level in Pakistan, Co-author, <i>Economics &amp; Human Biology</i> , 2022]
[Climate change and spatio-temporal trend analysis of climate extremes in the homogeneous climatic zones of Pakistan during 1962-2019, Co-author, <i>Plos one</i> , 2022]
[Twenty-first century climate extremes' projections and their spatio-temporal trend analysis over Pakistan, Co-author, <i>Journal of Hydrology: Regional Studies</i> , 2022]
[Assessment of climate change impacts on the construction of homogeneous climate zones and climate projections during the twenty first century over Pakistan, Co-author, <i>Stochastic Environmental Research and Risk Assessment</i> , 2023]
[Assessment of the impacts of climate change on the construction of homogeneous climatic regions and ensemble climate projections using CMIP6 data over Pakistan, Co-author, <i>Atmospheric Research</i> , 2024]
[Analyzing the Impacts of Socioeconomic Factors on Nutritional Diet in Pakistan Using Compositional Data Analysis (CODA), Co-author, <i>Applied Ecology and Environmental Research</i> , 2019]
[Enhancing Drought Risk Assessment in the Punjab, Pakistan: A Copula-Based Modeling Approach for Future Projections, Co-author, <i>Journal of Applied Meteorology and Climatology</i> , 2024]
[Decomposing Socioeconomic Effect on the Consumption of Calories and Macronutrients in Pakistan between 2006 and 2016, Co-author, <i>Current Developments in Nutrition</i> , 2024]
[A comparative analysis of L-moments, maximum likelihood, and maximum product of spacing methods for the four-parameter kappa distribution in extreme value analysis, Co-author, <i>Scientific Reports</i> , 2024]



Articles in reviews
[Spatio-Temporal Analysis of Precipitation and Temperature Data in Baluchistan, Pakistan, 3 <sup>rd</sup> , Principal Author, <i>Environmental Research Communication</i> , 2024]
[Drought Risk Assessment Based on Combining the Standardized Precipitation Index and Machine Learning Approach in Kizilirmak Basin Turkey, 2 <sup>nd</sup> , Co-author, <i>Acta Geophysica</i> , 2024]

Congress proceedings
[title, structure, place, year]
[title, structure, place, year]
[title, structure, place, year]

## OTHER INFORMATION


Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: \_\_ Islamabad, Pakistan\_\_\_\_\_, \_\_22 January 2025 \_\_\_\_\_