CURRICULUM VITAE

Dr Matoor Mohsin Gilani

Assistant Professor (TTS)

Department of Forestry and Range Management, Bahauddin Zakariya University, Multan, Pakistan

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SUMMARY STATEMENT

I am working as Assistant professor at Bahauddin Zakariya University with experience of teaching undergraduate and graduate courses in the field of Forestry, Environmental pollution, Seed technology and Range Management. I have gained ample experience in the field as lead and co-author in scientific papers, continued learning through conferences and professional research collaboration with scientists. My work reflects a commitment to using rigorous qualitative and quantitative methods for forest productivity.

RESEARCH SKILLS

- Expert in pre sowing seed treatment and seed dormancy
- Experienced in measuring Plant morphological and physiological parameters
- Competent in Plant biochemical protocols
- Proficient in Leaf gas exchange techniques
- Skilled in measuring Plant photosynthetic characteristics.
- Capable of measuring Antioxidant enzyme activity
- Plant environmental stress physiology
- Cultivation and maintenance of different forest species

DIGITAL SKILLS

- Sigma plot 12.2
- Origin Pro 9.1
- SPSS, Statistix 8.1
- Computer Skills (MS-office, Excel, and power point)
- Graph pad Prism 8
- Endnote x9

EDUCATION

B.sc (hons) Forestry

(University of Agriculture, Faisalabad, Pakistan) (2009-2013)

M.sc (hons) Forestry

(University of Agriculture, Faisalabad, Pakistan) (2013-2015)

PhD (Forest cultivation theory and Technology)

(Fujian Agriculture and Forestry University, Fuzhou, Fujian, P.R. China.) (2016-2020)

WORK EXPERIENCE

Assistant Professor (TTS)

Department of Forestry and Range Management, Bahauddin Zakariya University, Multan, Pakistan. (2022- Present)

FELLOWSHIPS AND HONOURS

- PhD Fellowship at Fujian Agriculture and Forestry University, Fuzhou, Fujian, P.R. China. (2016-2020)
- Fully funded sponsorship for IUFRO SPDC (Special Programme for Development of Capacities) Stockholm, Sweden (2024)

RESEARCH PUBLICATIONS

30

CONFERENCES/ SEMINAR/ WORKSHOPS (NATIONAL/ INTERNATIONAL)

- Poster Presentation at 26TH IUFRO World Congress in Stockholm, Sweden. 23–29 June (2024)
- The 2nd China-Pakistan tropical arid non-wood forest science and technology exchange event and academic exchange meeting on efficient soil and water conservation plant. Central south university of forestry and technology, Hunan province China. 27-29 November (2022)
- 2nd International conference on" Recent Approaches in Plant Sciences'' Organized by the Department of botany, Division of Science and Technology University of Education Lahore, Pakistan on 4th and 5th May (2023)
- 1st National Seminar On" Scientific writing'' Organized by the Department of biochemistry, Bahauddin Zakariya University Multan (Pakistan) on 7th November (2023)

- Plant Physiology under Controlled Environment-Temperature. (College of Arts of Landscape Architecture 307). Fujian Agriculture and Forestry University, Fuzhou, Fujian, China (2016)
- Carbon and nitrogen cycling in the forest water cycle. TianJiabing lab building 215, Fujian Agriculture and Forestry University, Fuzhou, Fujian, China (2016)

- VISUAL, a new method for analysis of plant vascular development. Boxue lecture hall, Fujian Agriculture and Forestry University, Fuzhou, Fujian, China (2016)
- The effects of forest land-use on water resources. Fujian Agriculture and Forestry University, Fuzhou, Fujian, China (2016)

- The 1st international Symposium on Horticulture Biology Haxia Institute of Science and Technology. Fujian Agriculture and Forestry University, Fuzhou, Fujian, China (2017)
- Forest Silviculture and Cultivation training in Sanming, Fujian P.R. China (2017)
- Greenhouse Horticulture: Current Status and Future Prospects. Organized by the Department of Horticulture, MNS University of Agriculture, Multan, Pakistan on June 29 (2021)

RESEARCH AND FUNDING EXPERIENCE

- Institution: Fujian Agriculture and Forestry University, China
- Innovation and Industrialization Project of Advanced Generations of Chinese Fir in Fujian Forestry Department. Science and Technology Major Project of Fujian Province, China (2018NZ0001-1).