

UMAR AFTAB ABBASI

Ph.D. Natural Science (Forest Ecology)

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Personal Details

DOB: May 12th, 1987

Marital Status: Married

Nationality: Pakistan

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House # 3, Street # 2, Block
C, Soan Garden Islamabad,
Pakistan.

Academic Qualification

Ph.D. Natural Science

School of Ecological and
Environmental Sciences

East China Normal

University Shanghai 200241,
China.

Area of Expertise

- Forest structure and Functions
- Community Ecology
- Plant Physiology
- Plants Hydraulic Mechanism
- Plant Nursery and Decomposition Experiments
- GIS and RS mapping
- Research and Analysis

Personal Summary

Dedicated, compassionate, hardworking ecologist with experience in forest management, monitoring and evaluation. Enthusiastic to excel in research, teaching and projects related to practical implications of forest related product and services. I am interested in forest ecology and management practices, assembly process, strata-dependent diversity patterns, and importance of plant functional traits in relation to changing environment.

Experience

- ❖ **Assistant Professor at University of Agriculture Faisalabad** (Aug 2024 till date)
Department of Forestry and Range management.
 - ❖ **Visiting Lecturer, PMAS- Arid Agriculture University** (Feb 2024 till July 2024)
Department of Forestry and Range management.
 - ❖ **Monitoring & Evaluation Officer at ALIF Networks** (Sept 2023 till July 2024)
Research, Monitoring & Evaluation, Compliance.
 - ❖ **Postdoc Researcher at Hebei University, China** (Sept 2021 till Aug 2023)
Topic: Biological, structural and functional responses of forests to environmental change factors.
 - ❖ **Relationship Manager at The Bank of Punjab:** (June 2014 till Aug 2016)
The primary responsibilities were: Agriculture products and services marketing, Agriculture credits, proposal writing and processing portfolio of 03 BOP branches, MIS management, Loan recoveries and litigation of Agriculture Credit Department (ACD), Rawalpindi Hub.
 - ❖ **Research fellow at NARC, Pakistan:** (Apr 2013 - May 2014)
Mainly involved in different research activities at Rangeland Research Institute (RRI), National Agricultural Research Centre (NARC) Islamabad
 - ❖ **Intern under Punjab youth Internship Program (PYIP):** (Jan - Mar 2013)
For 3 months in Government High School (teaching science subjects)
 - ❖ **Research intern under National Internship Program:** (Apr 2011 - Mar 2012)
Have successfully completed one year internship in Ministry of Food Security and Research, and Ministry of Science and Technology.
- ### Skills
- Well-presented and Articulate.
 - Research Projects Proposals.
 - Survey, Monitoring and Evaluation.
 - R Language, Origin, Minitab, Sigma plot, Stat Info (for statistical analysis).
 - GIS software basics (ArcGIS, Erdas and QGIS)
 - Microsoft Office (word, excel, power point)

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| <p>Language Skills</p> <p>Proficient in</p> <ul style="list-style-type: none"> - English - Urdu - Chinese Mandarin (Basic) | <p>Professional Courses/Trainings/Seminars/Webinars & Workshops</p> <ul style="list-style-type: none"> ▪ Attended online professional development webinar series "Leveling The Playing Field in Higher Education" organized by Center for Learning and Teaching (CLT), Forman Christian College, Lahore. From 7 – 16th April , 2025. ▪ Delivered lecture in an international webinar on “The role of forests in mitigating climate change through nature-based solutions” organized by University of Guilan, Iran. January 2022. ▪ Organizer of International workshop on “Plant functional traits in Island Ecosystem”, held in November 2018, East China Normal University, Shanghai China. ▪ Attended National Forest Inventory (NFI) for REDD+ training program held by Ministry of Climate Change Islamabad in 2015. ▪ Participated in 2 weeks training on Carbon Stock Assessment and REDD+ held at Pakistan Forest Institute Peshawar in 2014. ▪ Attended meeting of CRP-1.1 Project at International Center for Agricultural Research in Dry Areas (ICARDA) Country Office, National Agricultural and Research Center (NARC), Islamabad in 2013. ▪ Organized World Environment Day at NARC Islamabad in 2013. ▪ Organized World Biodiversity Day held at Pakistan Museum of Natural History Islamabad in 2013. ▪ Organized Consultative workshop on ICIMOD-HICAP Understanding the Drivers of Ecosystem Changes in Upper Indus Basin held at NARC Islamabad in 2013. |
| <p>Hobbies</p> <ul style="list-style-type: none"> ▪ Naturalist ▪ Travelling ▪ Green activist ▪ Swimming ▪ Hiking | <p>Publications</p> <p>Published articles:</p> <ul style="list-style-type: none"> ▪ Abbasi, U.A & Ali, A. (2024) Factors affecting coarse above- and below-ground carbon stocks and annualized accumulation rates in China’s plantations. Catena (IF 5.4). ▪ Abbasi, U.A., Gilani, H., Hussain, K. & Ali. A. (2023). Increasing stand stature weakens the positive effects of tree richness and structural imbalance on aboveground biomass in temperate forests: the stand stature hypothesis. Forest Ecology and Management (IF 3.7). ▪ Abbasi, U.A., Mattsson. E., Nansanka. S.P. & Ali, A. (2022) Biological, structural and functional responses of tropical forests to environmental factors. Biological Conservation (IF 4.9). ▪ Abbasi, U.A., Mattsson. E., Nansanka. S.P. & Ali, A. (2022) Species α-diversity promotes but β-diversity restricts aboveground biomass in tropical forests, depending on stand structure and environmental factors. Journal of Forestry Research (IF 3.4). ▪ Abbasi, U.A., You, W-H & Yan, E-R. (2021) Correlations between leaf economics, hydraulic, and shade-tolerance traits among co-occurring individual trees. Acta Oecologica – International Journal of Ecology (IF 1.3). ▪ Habib, M., Hashmi, M & Abbasi, U.A (2015) Proficient physiognomies and herbage of blue panic grass (<i>Panicum antidotale</i>) at variable clipping intensities. Basic Research Journal of Agricultural Science and Review. ▪ Hashmi, M., Habib, M & Abbasi, U.A & Tariq, R.S (2015) Assessment of Carbon Stocks and Biodiversity in Karore Forest, Rawalpindi-North, Pakistan. European Academic Research. ▪ Abbasi, U.A., Khaliq, A & Azhar, S (2013) Rawal Watershed Management, Pakistan. Lambert Publications (Book). ISBN 978-3659485169 ▪ Azhar, S., Abbasi, U.A & Azhar, K (2013) Communal Range Management in Pakistan. Lambert Publications (Book). ISBN 978-3659479229 |