السيرة الذاتية(Curriculum Vitae)

Name: Dr. Ahmed Salem F. Alenazi
Academic Degree: Ph.D.
Position: Assistant Professor
Affiliation: Department of Biology – College of Science – Northern Border University
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Personal Summary:

Assistant Professor in the Department of Biology at Northern Border University, specializing in plant ecology and evolution. Holds extensive academic and research experience in evolutionary botany, genomic data analysis, and the application of modern techniques to study environmental adaptations in plants. Distinguished by excellent academic performance and strong skills in organizing courses and supervising practical and laboratory teaching.

Academic Qualifications:

- **Ph.D.** in Plant Ecology and Evolution – University of Sheffield (2020–2024)
- **M.Sc.** in Evolutionary Biology – University of Kansas (2015–2017)
- **B.Sc.** in Science – Northern Border University (First Class Honors, 2006)

Academic and Administrative Experience:

- Assistant Professor, Department of Biology – College of Science – Northern Border University
- Supervisor, Department of Support Services, Scientific Research and Entrepreneurship Center
- Program Coordinator, Department of Biology

Research and Publications

1. Leaf anatomy explains the strength of C_4 activity within the grass species *Alloteropsis semialata*
2. Identifying genomic regions associated with C_4 photosynthetic activity and leaf anatomy in *Alloteropsis semialata*

:Memberships and Committees

- Member, Permanent Committee for the University's Annual Report and Indicators
- Member, Permanent Committee for Governance and Management of Strategic Planning Administration
- Member, Permanent Committee for International Rankings
- Member, Graduate Studies and Scientific Research Unit, College of Science
- Director, Scientific Research and Entrepreneurship Center
- Member, Professional Certification Support Initiative Committee
- Member, Biology Department Committees

Scientific, Research, and Practical Skills:

- Comparative genomic analysis using tools such as OrthoFinder and BUSCO
- Bioinformatics and environmental data analysis and handling genomic databases
- Collecting and analyzing environmental data related to plant adaptations
- Preparing research plans and implementing evolutionary plant projects
- Teamwork and collaboration within research and academic groups