



CURRICULUM VITAE

Name: **Abdul-Wali Ahmed AL-KHULAIIDI** (Associate Professor)

Specialisation: Plant geography, Flora, Vegetation mapping and land use analysis.

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<https://scholar.google.com/citations?user=22LuIeMAAAAJ&hl=en>

My Facebook group: <https://www.facebook.com/groups/florayemen>

EMPLOYMENT HISTORY التاريخ الوظيفي

From / to	2013 - present
Employer	Al Baha university, Saudi Arabia
Positions held	Biology department, Faculty of Science and Arts
From / to	2007 - 2013
Employer	Taiz University, Yemen
Positions held	Faculties of Science and Education
From / to	1999- present
Employer	Centre for Middle Eastern Plants, Edinburgh, UK
Positions held	Member of Centre for Middle Eastern Plants
From / to	1985 - 2007
Employer	Agricultural Research and Extension Authority (AREA), Taiz
Positions held	Researcher on Flora, plant ecology and plant geography,

EDUCATION مراحل التعليم الجامعي

- Sep 2006 **University of Edinburgh, Edinburgh, U.K.**
PhD in Environmental and human determinates of vegetation distribution in the Hadhramaut region, Yemen
- Sep 1989 ITC Enschede, the **Netherlands**
MSc Rural & Land Ecology Survey, (Thesis on a Comparative Vegetation Survey of four Physiographic regions in the Yemen Arab Republic) (1989).
- July 1983 University of Alexandria, **Egypt**
BSc in Agricultural Soil Sciences, University of Alexandria, Egypt. (1983)

PUBLICATIONS AND BOOKS الدراسات والكتب

1. New records and addition to the flora of **Saudi Arabia**, mainly from **Faifa** Governorate, Jazan Region. Journal of King Saud University - Science, **2022**
2. New record and addition to the flora of Yemen *Cleome glaucescens* DC (Cleomaceae) . *International Journal of Botany Studies*. Volume 7, Issue 8, 2022, Page No. 1-4. **2022**
3. Comparative phytochemical composition, oleuropein quantification, antioxidant and cytotoxic properties of *Olea europaea* L. leaves. Natural Product Research. Aug. **2022**.
4. Antibacterial Activity of Some Medicinal Plants in **Al Baha** Region, **Saudi Arabia**, Against Carcinogenic Bacteria Related to Gastrointestinal Cancers. Journal of Gastrointestinal Cancer. Jan. **2022**
5. Phytochemical components, antioxidant and anticancer activity of 18 major medicinal plants in **Albaha** region, **Saudi Arabia**. Biocatalysis and Agricultural Biotechnology, (**2021**)
6. Natural plant species inventory of hotspot areas in Arabian Peninsula: Southwest Al-Baha region **Saudi Arabia**. Saudi Journal of Biological Sciences 28 (2021) 1962–1965
7. Preliminary evaluation of the status of *Aloe dhufarensis* Lavranos (Asphodelaceae juss.) in the Arabian Peninsula. Electronic journal of university of Aaden for basic and applied sciences. **2021**/3/31.
8. *Erigeron canadensis* L. (Asteraceae: Astereae). A New Record to the Flora of the Arabian Peninsula Journal of the North for Basic and Applied Sciences (JNBAS), (**2021**/1442 H), Vol. (6), Issue (1), 30-46
9. A new record of generic vascular plant for the flora of **Saudi Arabia**- *Aspilia kotschyi* (Asteraceae). Saudi Journal of Biological Sciences. 5 January **2021**
10. Molecular characterization of endangered endemic plant *Aloe pseudorubroviolacea* using chloroplast *matK* and plastid *rbcL* gene. Volume 28, Issue 1, January **2021**, Pages 1123-1127
11. Mapping Asia plants- Current status on floristic information in Southwest Asia. Global Ecology and Conservation Volume 24, December **2020**, e01257
12. *Umbilicus tropaeolifolius* Boiss (Crassulaceae) a new record to the flora of the Arabian Peninsula. Int. J. Adv. Res. 8(09), 945-949 (**2020**)
13. Natural plant species inventory of the important plant areas in Arabian Peninsula: bani omar, taiz governorate, republic of yemen. EJUA-BA Vol. 1 No. 3 (2020)
14. Clonal Diversity, Cultivar Traits, Geographic Dispersal, and the Ethnotaxonomy of Cultivated Qat (*Catha edulis*, Celastraceae). August **2020**. Economic Botany. 74(3), 2020, pp. 273–291
15. Identification, characterization and mapping of honey bee flora of Al-Baha region of Saudi Arabia. J. Environ. Biol., 41, 613-622 (2020).
16. The Contribution of land uses in determining the vegetation structure and species composition in high altitude areas of Al Baha south west Saudi Arabia. Applied Ecology and Environmental Sciences, 2020, Vol. 8, No. 1, 12-20
17. Environmental distribution of medicinal plants in AlBaha region, Saudi Arabia. Life Science Journal 16(9):95-102 (2019)
18. Plants of Sabkha Ecosystems of the Arabian Peninsula. In: Gul B., Böer B., Khan M., Clüsener-Godt M., Hameed A. (eds) Sabkha Ecosystems. Tasks for Vegetation Science, vol 49. Springer, Cham (2019)

19. Ultra high performance liquid chromatography-electrospray ionization-mass spectroscopy quantification, xanthine oxidase inhibitory, and antioxidant activity profile of some medicinal plants from Albaha Region (2019)
20. Effects of elevation gradients and soil components on the vegetation density and species diversity of Alabna escarpment, southwestern Saudi Arabia. *Acta Ecologica Sinica* (2019).
21. Main vegetation types of the Wadi Rijaf , Jabal Bura' protected area, Yemen, *Albaha University Journal of Basic and Applied Sciences*, 2(1), 21 -31., 2018
22. Inventory of most rare and endangered plant species in Albaha region, Saudi Arabia. *Ijbpas*, April, (2018), 7(4): 443-460
23. SPECIES COMPOSITION AND FLORISTIC DIVERSITY OF WEST TAIZ, YEMEN. *IJBPAS*, April, 2018, 7(4): 461-479
24. Preliminary analysing of plant diversity of high altitude area of Albaha region, Saudi Arabia. *Int. J. Adv. Res.* 6(2), 412-426 (2018)
25. Ethnopharmacological Survey of Medicinal Plants in Albaha Region, Saudi Arabia. (2017) *Pharmacognosy Research* | Published by Wolters Kluwer – Medknow
26. Paleorelicts or archaeophytes: Enigmatic trees in the Middle East. *Journal of Arid Environments* 137 (2017) 69 -82
27. Phylogeography of the wild and cultivated stimulant plant qat (*Catha edulis*, Celastraceae) in areas of historical cultivation. *AMERICAN JOURNAL OF BOTANY*. APRIL 2017 , VOLUME 104
28. Trees of AlBaha region and surrounding areas (A book in Arabic), The Saudi Arabian Ministry of Environment Water and Agriculture (MEWA) and Food an Agricultural Organization (FAO), Riyadh, Saudi Arabia: 2016.
29. Main vegetation types and plant species diversity along an altitudinal gradient of AlBaha region, Saudi Arabia. (2016), *Saudi Journal of Biological Sciences*.
30. VEGETATION COVER OF THE NORTHERN PART OF AL MAHARA (BLOCK 29), YEMEN. *Bull. Fac. Appl. Sci. (BFAS)*, Taiz Univ., 4-5, 20-48, 2012/2013.
31. The vegetation cover of Oil Search Site, blocks 3 and 7, Shabwa, Yemen Published in Aug 2, 2013 - N 7. 1. Volume 17. No . 2 , University of Aden, Yemen
32. Natural protected areas of Yemen, the study of Wadi Annah protected area using GIS. *International Journal for Environment & Global Climate Change*. ISSN 2310-6743. page 25, Vol2, Issue 2, 2014
33. The Vegetation of Wadi Annah, Ibb Governorate, Yemen. 22 May 2014, *Journal of Art college University of Taiz*. 22(4).
34. Flora of Ibb Governorate, (uses & Distribution) .Social Fund for Development (SFD), Sana, 2013.
35. Flora of Yemen. Sustainable Natural Resources management project (SBRMP) 11 and EPA, Sana'a, July 2013.
36. *Important plant areas in the Arabian Peninsula. Edinburgh Journal of Botany* 67 (1):25-35 (2010).
37. Arabia's last forests under threat II: Remaining fragments of unique valley forest in southwest Arabia. *Edinburgh Journal of Botany* 66 (2):263-281 (2009).
38. *Ceropegia foliosa* Bruyns rediscovered; *Asklepios* 103: 23 - 24 (2008)
39. Arabia's last forests under threat: Plant biodiversity and conservation in the valley forest of Jabal Bura (Yemen). *Edinburgh Journal of Botany* 65 (1):113-135 (2008).

40. Nesocrambe, a new genus of Cruciferae (Brassicaceae) from Soqatra. Willdenowia Bd. 32, H. 1 pp. 61-67. (Aug. 19, 2002)
41. Vegetation study of Degradation Mountain at Taiz, Yemen. Journal of Education, Bagdad. 1999.
42. Plants of Dhamar and surrounding areas (1999). Obadi, Sana'a.
43. Flora of Taiz and surrounding areas. 2nd int. sci. conf., (1997), Cairo, Egypt
44. Trees and shrubs of Yemen, (in Arabic), FAO, MAWR and Forestry project (GCP/YEM/ 015 / SW1), Obadi, Sana'a, 1997.
45. Medicinal and Aromatic plants of Yemen, (in Arabic), Obadi, Sana'a, Yemen, (1996),
46. Studies on the flora of Yemen, on the flora of Tihama plain, Feddes Repertorium 104 (1993) 3-4, 259-265, Berlin, (1993),
47. The Flora of Dhamar and Surrounding areas, Yemen, Fragg, flo. Geobot. 38(1): 141-152, (1993)
48. Vegetation of Yemen, (Western Part), DHV Amersfoort, The Netherlands, (1990),
49. Studies on the Genus Acacia Mill. In Yemen. Bull. Faculty of Sci. Univ. Egypt, (1990),
50. The Herbarium collection at the RLIP, update of present collection, RLIP Communication 37. Agricultural Research Authority, Dhamar, Yemen and DHV Consulting Engineers, Amersfoort, The Netherlands, (1989),
51. Physical Geography of the Yemen Arab Republic, ITC, Enschede, The Netherlands. (1989),
52. Acacia of the Yemen Arab Republic, ITC, Enschede, The Netherlands. (1989),
53. Common Plant Species of Dhamar montane plains, RLIP Communication 12. Agricultural Research Authority, Dhamar, Yemen and DHV Consulting Engineers, Amersfoort, The Netherlands. (1987)
54. Present collection and development of the Herbarium at RLIP. Communication 5. Agricultural Research Authority, Dhamar, Yemen and DHV Consulting Engineers, Amersfoort, The Netherlands. (1985).

CONSULTANTS AND KEY EXPERIENCE الاستشارات والخبرات

November 2013	Consultant in studying the environmental impact on Vegetation of an area located on block 53 Hadhramaut plateau; for DOVE Energy.
2006 - 2013	Surveying the Flora and the Vegetation of the Southern Uplands of Yemen, AREA, Taiz.
June-Dec. 2013	Collaboration with Royal Botanic Garden Edinburgh (RBGE) on studying the Middle Eastern Plants and Red list data of Yemen
October-Nov. 2013	Collaboration with Colorado State University, USA on testing the origin dispersal and cultivation of Catha edulis (Qat) in Yemen
March-May 2012	Consultant in preparation the national report on the state of genetic resources of forest and woodlands of Yemen. FAO , Sana'a, 2012
Nov-Dec. 2011	Consultant in preparation Gap Analysis of natural plant biodiversity of Yemen for Sustainable Natural Resource Management Project (SNRMP) 11 and EPA .

2010	Consultant in preparation 4th National Biodiversity Country Report of Yemen for EPA, UNEP and UNDP .
5-20 Jan 2010	Consulting to Al Thureya consultant and GTZ for studying and evaluating <i>Moringa oleifera</i> species in Tihama and Shabwa areas.
7-17 Sep 2009	Consultant to OMV oilfields in Shabwa (Block 3 and 7) for studying the environmental Impact on vegetation.
January 2009	Consultant in Surveying the vegetation and the rangeland of Adale' Governorate for Adhale' Rural Development Project, Yemen
October 2008	Consultant in preparation country report proposal for the Second Report on Plant Genetic Resources for Food and Agriculture of Yemen (FAO)
February 2008	Consultant in preparation Atlas Flora of Ibb for Social Funds for Development (SFD), Yemen
January 2008	Consultant in preparation country report proposal for Integrated Natural Resources Management to Combat Desertification in West Asia (AREA)
October 2007	Consultant to OMV oilfields in Hadhramaut and Shabwa for studying the environmental Impact on vegetation.
2005	Consultant in studying the environmental impact on Vegetation of Wadi Edim in Wadi Hadhramaut; for DOVE Energy.
July – October 2004	Consultant to PAM (Yemen) and RWI Ltd (UK) for conducting vegetation survey and mapping of Jabal Bura' Protected area and for training and attending workshops.
2003	Consultant in conducting vegetation survey and mapping of Jabal Bura; protected area for MAP
2002	Consultant in studying the environmental impact on Vegetation of an area located in Wadi Hadhramaut; for DOVE Energy.
Sep - Dec 2001	Consultant to Synergy on EIA of DNO oilfields in Hadhramaut for studying the environmental Impact on vegetation.
Jul - Oct 1999	Consultant in Land Cover and Vegetation Mapping of Yemen for (WB/GCP);
Sep 1998 - Feb 1999	Member of Darwin Vegetation study team of Soqatra (UNDP/EPA); and member of team for Preparing Terrestrial Biodiversity Strategies of Yemen (UNDP , Yemen) - including work in J. Bura';
Aug 1997 - Jun 1999	Consultant on Watershed Management Plan for Wadi Rimaa, Dhamar. For Land & Water Conservation Project, (FAO);
1999 - 2003	Establishing and maintaining the Botanic Garden of Taiz
Jan 1996 - Jul 1997	Member of Monitoring and Evaluation team for Innovation Development for Agriculture Sector (IDAS);
Feb 1996 - Apr 1997	Participating in Conservation and Propagation of Range Pasture and Forage Plant Genetic Resources;
1996	Consultant in studying the Vegetation of three catchment areas located in Dhamar and Hajjah provinces, for Land & Water Conservation Project, Sana'a;
1995	Consultant in preparation country report proposal for the International Technical Conference on Plant Genetic Resources;
1993	Consultant in vegetation survey of Kuhlan Affar area (east Hajjah), (IDRC / ICARDA);

- 1992 Member of the Appraisal Team of **IDAS** project, open orientation phase, Sana'a;
- 1992 Arabic translation of the technical manual of the Woodland Resources Classification of Yemen, for Land & Water Conservation Project, Sana'a and HTS.
- 1992 - 2003 Establishing and maintaining the national herbaria in Dhamar and Taiz.

STUDIES AND TECHNICAL REPORTS **دراسات وتقارير فنية**

1. Ecological Vegetation Survey of three areas located southern Tihama, Yemen, (in Arabic). Technical report of 1990/91, AREA, regional Station, Southern Uplands, Taiz, Yemen,
2. Main grazing systems Carrying in Taiz area, (in Arabic). Technical report of 1991/92, AREA, regional Station, Southern Uplands, Taiz, Yemen,
3. Weeds from Taiz area, (in Arabic). Technical report of 1991/92, AREA, regional station, Southern uplands, Taiz, Yemen,
4. Evaluation of Introduced trees and shrubs in 4 experimental areas in southern uplands, (in Arabic). Technical report of 1992/93, AREA, regional station, Southern uplands, Taiz, Yemen,
5. Main vegetation communities of Taiz and surrounding areas, the first workshop on Plant Genetic Resources, Taiz, Yemen, IPGRI (1993),
6. Vegetation survey of Kuhlan Affar area, (east Hajjah), Yemen, including a land Ecological Vegetation map. IDRC/ICARDA, (1993),
7. Main Trees and Shrubs of Taiz and surrounding areas, (description, distribution & local uses), (in Arabic). Technical report of 1994/95, AREA, regional Station, Southern Uplands, Taiz, Yemen,
8. Natural and Protection areas of Yemen, Ministry of Agriculture and water resources, **DGFDS**. Project FAO/GCP/YEM/015/SWI, (1996),
9. Forest and Range Resources Degradation and Desertification, Ministry of Agriculture and water resources, DGFDS. Project **FAO/GCP/YEM/015/SWI**, (1996),
10. A vegetation survey of wadi Rimaa catchment areas . Land and water conservation project (Forestry component) **UTF/ YEM / 023** . Sana'a , Yemen 1996 .
11. A vegetation survey of Wadi Sharis catchment areas . Land and water conservation project (Forestry component) **UTF / YEM / 023**. Sana'a , Yemen **1996** .
12. Vegetation types of the upper Wadi Rusyan catchments area , Taiz , with a map scale 1: 50000 , Natural & Water Resources Authority, **UND/DSMS - YEM 93/ 010 - Dar EL - Yemen Taiz , Yemen , 1997** .
13. Vegetation survey and mapping of J. Bura' protected area. Sustainable Environmental Management Programme, Sana'a, July-September **2002**.
14. Vegetation survey of wadi Annah protected area, Ibb. Social Fund for Development (**SFD**), Ibb, **2011**.
15. The national report on the state of genetic resources of forest and woodlands of Yemen. **FAO**, Sana'a, **2012**.

WORKSHOPS AND CONFERENCES ورش ومؤتمرات

1. Third International Rangeland Congress, New Delhi, India, 1988
2. A workshop on Desertification in Yemen, Ministry of Agriculture and Water Resources (MAWR), **Sana'a**, 1990
3. A workshop on Plant Genetic Resources, AREA, Taiz, 2-14/12/1993
4. Forth International Conference and Program for Plant Genetic Resources, Sub-Regional Meeting for West and Central Asia, **Karaj, Iran** (9-12/10/1995)
5. A workshop on Natural Conference to Compact Desertification, MAWR, **Sana'a** 3-8/11/1996
6. A workshop on Biodiversity and Protected areas of Yemen, MAWR,EPC, 5-9/3/1996, Sana'a,
7. First International Scientific Symposium on Soqotra Island, Aden, (24-28/3/1996),
8. A workshop on Communication and Forestry Extension for the Near east and North Africa, Sana'a, 19-24/7/1997
9. The third Arabic Medicinal plants Conference, May 1999, University of **Dhamar**, Yemen.
10. The International Conference On Desertification Control in the Arid Region (May 12-15, **2007**), **Kuwait**.
11. The International Congress on Documenting, Analysing and Managing Biodiversity in the Middle East **Amman, Jordan**, 20-23 October **2008**.
12. A workshop on the use of herbs in Yemen healing practice. Halle, University **Germany**, 25 to 26 Sep **2009**.
13. The international Conference on for Middle Eastern Studies (WOCMES) as part of the panel 'Important Areas for Biodiversity in the Middle East, Monday 19th June **2010**,
- 14. World Congress for Middle Eastern Studies, July 19th - 24th 2010, Barcelona, Spain**
15. Sub regional workshop on the Eastern Afro Mountane Biodiversity hot spot, 28-29 July **2011**, Amman, **Jordan**.
16. Regional Conference on sustainable development between 16 to 18 Dec. 2012, Taiz, Yemen.
17. National workshop as trainer on monitoring and evaluation of protected areas, between 22 and 24 Dec. **2012**, Al Hudeydah, Yemen.
18. Attending a workshop on Renovation of the national strategy for biodiversity, 30-31 October 2013, EPA, Sanaa, Yemen.

ACADEMIC WORK اعمال اكااديمية

October 2009	External supervisor for 2 MSc students in Aden University
February 2010	External supervisor for MSc student in Aden University
April 2010	Second supervisor for MSc student Sanaa university
June 2010	Second supervisor for PhD student in Taiz/Sanaa university

VOCATIONAL TRAINING تدريبات

May - Jul 1997	A training workshop on Participatory Research Methods and Procedures, IDAS, Taiz.;
	A training course on Agro-climatic Analysis in Semi-Arid areas, WMO/ ICARDA.;

- Jan - Oct 1989 A training course on conservation and management of natural range land in the Arab countries, Morocco.;
- Mar- April 1986 A training course on conservation and management of natural range land in the Arab countries, Syria.

Technical Experiences الخبرات الفنية

Identification of the Arabia plant species

Surveying and analyzing the vegetation and the flora

Arc-GIS , ERDAS Imagine and remote sensing experiences

Vegetation and land use mapping