

# Academic Curriculum Vitae



## Personal Information:

Full Name: Ako Hussein Mahmood

Academic Title: Assistant professor

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Mobile: 09647504908145



## Education:

- **2016 Ph.D.** of Environmental Science:
  - Doctor of Philosophy in management of the invasive plant. Faculty of Science, Federation University, Victoria, Australia.
- **2007 M.Sc.**
  - Master of Rangeland Management in Plant production Department, Salahaddin University-Erbil, Iraq Kurdistan region.
- **2001 B.Sc.**
  - Bachelor of Science in Plant Science, Salahaddin University-Erbil, Iraq Kurdistan region
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## Employment:

- From 2002 to 2004 I worked as Lab assistant at Plant production department and participated with practical lectures.
- From 2004 to 2007 I was M.Sc. student at plant production Dept. / Agriculture College.
- Since 2007 Lecturer till 2011 at Plant Protection Dept., College of Agriculture, University of Salahaddin – Erbil, Iraq.
- From 2011 till 2016, I awarded to study PhD in Australia .
- From 2017 until 2019 I worked as a Head of Forestry Department

- Currently I work as a full time Assistant professor at Department of Forestry, College of Agricultural Engineering Sciences, Salahaddin University- Erbil, Iraq.

## Qualifications

- **Language qualifications**
- Due to I studied abroad during five years in Australia so I can speak English language fluently, I have official international English Language Certificate.
- I speak Arabic and Kurdish as well.
- **Professional qualifications:**
  1. STATISTICS AND STATISTICAL DATA ANALYSIS USING SPSS AND GRAPHPAD PRISM/ Department of Mathematics College of Science, Salahaddin University- Erbil- Iraq /. 10th to 14th March- 2019.
  2. LEARNING MANAGEMENT SYSTEM- MOODLE/ research center, Salahaddin University- Erbil, Iraq. 27th to 31st March 2019.
  3. Teaching Method training/ Presidency of Salahaddin University 2007.
  4. Training course on: Monitoring and Implementing Drought Mitigation in Iraq on 27 – 29- March 2022.

## Teaching experience:

- Teaching the following courses for undergraduate students:
- **Forest Policy**
- **Forest Ecology and Management**
- **Rangeland management-**
- **Ecology and Meteorological stations**
- **Forage crops**
- **Academic skills**
- **Forest Grazing Management**

Teaching the following advanced courses for M.SC students:

- **Advanced Silvopature**
- **Advanced Forest policy**
- **Advanced Forest Protection**

## Research and publications

1. Mahmood, A. H. (2016). *Investigations into the ecology and management of the invasive plant Galenia pubescens within the native temperate grasslands of Victoria, Australia* (Doctoral dissertation, Federation University Australia).

2. Mahmood, A. H., Florentine, S. K., Chauhan, B. S., McLaren, D. A., Palmer, G. C., & Wright, W. (2016). Influence of various environmental factors on seed germination and seedling emergence of a noxious environmental weed: green galenia (*Galenia pubescens*). *Weed Science*, 64(3), 486-494.
3. Mahmood, A. H., Florentine, S. K., Fernando, N., Palmer, G., McLaren, D., & Sillitoe, J. (2016). Investigations into the effects of elevated carbon dioxide and drought on the growth and physiology of carpet weed (*Galenia pubescens* Eckl. & Zeyh.) Perth. In *WA: Twentieth Australian Weeds Conference* (pp. 1-4).
4. Mahmood, A. H., Florentine, S., Graz, F. P., Turville, C., Palmer, G., Sillitoe, J., & McLaren, D. (2018). Comparison of techniques to control the aggressive environmental invasive species *Galenia pubescens* in a degraded grassland reserve, Victoria, Australia. *PloS one*, 13(11), e0203653.
5. Weller, S., Florentine, S., Chauhan, B. S., **Mahmood, A.**, & Florentine, A. (2019). Effects of various ecological factors on the germination of two crop and pasture weed species, *Vulpia bromoides* and *Vulpia myuros*. *New Zealand Plant Protection*, 72, 135-146.
6. Mahmood, A. H. (2019). Investigation on the Allelopathic Impact of Blanket Weed (*Galenia secunda*) as a Distributed Invasive Weed in Some Natural Grasslands. *Zanco Journal of Pure and Applied Sciences*, 31(s4), 83-89.
7. Mahmood, A. H. (2022). Effects of Some Environmental Factors on Seed Germination and Seedling Growth of *Heliotropium europaeum* L. *Journal Of Kirkuk University For Agricultural Sciences*, 13 (3), 361-378.
8. Karzan R. H. and Ako H. **Mahmood**. (2022). Influence of watering periods and organic fertilizer on seedling growth and development of two species of oak tree; *Quercus aegilops* and *Quercus libani*. *Zanco Journal of Pure and Applied Sciences*, ZJPAS (2022) , 34(6);135-142.
9. Sherzad O. Hamad, **Ako H. Mahmood** & Narin S. Ali. (2023). Germination and Early Growth of *Brachychiton populneus*(Schott & Endl.) in Response to Different Shade Percentages and Sowing Depths. *ZJPAS* (2023) , 35(1);68-77.

## **Conferences and courses attended**

1. Fifth Victorian Weeds Conference- in Geelong, Australia. 13th-15th May 2014.
2. Annual Research Conference, Federation University, Mt Helen Campus, Ballarat, Victoria, Australia, Thursday 6 November, 2014.
3. 6th Biennial Conference “Celebrating 50 Years of Invasive Species Management in Victoria – Our Past, Present and Future’ Goldfields, Creswick, Victoria, Australia, 7th-9th June, 2016.
4. AGM Seminar 2015 “ Invasive species from woodlands to waves in Western Port” Gippsland, Victoria, Australia, March 18th – 19th 2015.
5. Startig From Scratch “ Native Grass Direct Seeding Forum, Workshop, Melbourne, Victoria, Australia, 10th of November 2014.
6. International Conference on Green & Sustainable Chemistry, 3rd -6th April, Berlin, Germany 2016.
7. 20th Australian Weeds Conference, 11th – 15th September, Perth, Western Australia, 2016.
8. Ecological Society of Australia Annual Conference, 29th November to 3rd December, Adelaide, South Australia, 2015.
9. The 6th one-day Biodiversity Across the Borders Conference, Federation University, Ballarat, Victoria, Australia, 12th June , 2015.
10. Training course about (Statistics and Statistical Data Analysis with SPSS, GraphPad Prism) held in March 10-14, 2019 in Erbil, Kurdistan Region of Iraq at Department of Mathematics, College of Science , Salahaddin University-Erbil.
11. First International Conference of Agri Science 2019 , Salahaddin University-Erbil College Of Agriculture Engineering Sciences 6<sup>th</sup> – 7<sup>th</sup> Nov. 2019

## **Professional Social Network Accounts:**

- <https://www.researchgate.net/profile/Ako-Mahmood>
- <https://scholar.google.com/citations?hl=en&user=gZRIBaUAAAAJ>
- <https://www.facebook.com/aso.husian>
- <https://www.linkedin.com/in/ako-mahmood-09012bb1/>
- <https://twitter.com/akomahmood4>
- <https://orcid.org/my-orcid?orcid=0000-0003-1772-5393>
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