

Asst. Prof. Dr. Hassan Hadi Alkarawi

Soil and Water Dept.

**Address:** (Technical College Al-Mussaib (TCM) /P.O.Box 20 ,  
Babylon,/ Al-Furat Al-Awsat Technical University, Iraq .)



### PERSONAL INFORMATION:

**Date of Birth:** 09.03.1971

**Place of Birth :** Babylon ,Iraq.

**Gender:** Male

**Nationality:** Iraqi

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### Work Experience & Other Experience

- Work in Al-Mussaib Technical Institute 1995-2006.
- Work in Technical College Al-Mussaib 2006-2019 as Academic Lecturer.
- Head of Soil and water Dept. Technical College Al-Mussaib 2017
- Visiting Professor in Institute for Biology and Environmental Sciences (IBU) Oldenburg University /Germany (2016 to now)
- Visiting Professor in Department of Agriculture, Food and Environment Catania University /Italy (2017 to now)
- Leadership experience: two years as captain of volleyball team.

### Education

- Carl von Ossietzky University of Oldenburg Institute for Biology and Environmental Sciences (Doctorate) 2015 Germany.
- Foundation of Technical Education / Technical College Al-Mussaib /IRAQ (MSc) in Plant Tissue Culture 2006.

### Professional Development

- **Professional Development**
  - Course: Mastering Data Analysis in Excel.
  - Training on laboratory techniques .
  - Course: introduction to R programming
  - Course: Resource acquisition and use by plants(winter semester
  - Course: Important concepts in ecology, evolution and biodiversity
  - Statistical Analysis With R Programming.
  - Course: Project Management for Natural Scientists October2014.

- □ Workshop: Good scientific practice.
- □ Workshop: Introduction to Probability and Data.
- □ Workshop: Introduction to Project Management Principles and Practices Specialization.
- □ Course: How to publish in peer-reviewed journals .2013.
- □ Course: Developing Data Products.
- □ Seminar GLM workshop in R program and statistic
- □ Workshop: Data Analysis and Statistical Inference

**Member of the following Scientific Societies:**

ESA. European Society of Agronomy  
INSAM. International Agrometeorological Society  
ICARDA. International Center for Agricultural Research in the Dry Areas

Takes part of several national and international projects.  
Since the beginning of my activity, research focus has been oriented to agronomy, agro meteorology and agro climatology and the promotion and development of applications to support agro-environment sector.

Develop decision support systems for dry areas . Climate change and variability has been studies, adaptation strategies, and impacts on the main crops of national interest. The concept of sustainability has been considered, using different indicators role of renewable energies to mitigate climate change.

**Key I.T Skills**

- Computer knowledge I'm proficient with Microsoft Office suite including Word, Excel, Power Point, and R program .

**Other Details**

**Languages :** English ,Deutsch ,and Arabic  
**Publons** Web of Science Researcher ID [AAG-4470-2019](https://orcid.org/0000-0002-0087-5566)  
**Orcid ID=** <https://orcid.org/0000-0002-0087-5566>  
**Research Gate** Hassan Alkarawi

**List of publication**

1-Hassan Hadi Alkarawi and I. Mordhi Radhi .2021.IMPACT OF FOLIAR APPLICATION OF SILICON ON SALINITY TOLERANCE OF TWO OLIVE (*Olea europaea* L.) CULTIVARS .*Agric Res J* 58 (2) : 240-251, April 2021.DOI No. 10.5958/2395-146X.2021.00036.3.

- 2-Hassan Hadi Alkarawi and Sana Qasim Hasan .2021. Influence of Foliar Application of Nano-Zinc and Iron Fertilizers on Growth and Yield of Bell Pepper (*Capsicum annuum* L.) Indian Journal of Ecology (2021) 48(4): 1115-1119.
- 3- Al-MeeKh, M.T.A., Alkarawi, H.H., Asi, S.L. and Abd Al-Ameer, H.K., 2020. Effect of Spraying Urea and Addition of Potassium on Growth Parameters of Local Citrus Seedling (L.) Grafted Citrus sinensis on Sour Orange Rootstock. *Indian Journal of Ecology*, 47(2), pp.351-356.
- 4- Hassan Hadi Al Karawi, Akram Abdul Kadhim, and Ali Saleh Hassoun .2019. Effect of Foliar Application of Amino Acid Drin and Applied Humic Acid to Soil for Seedlings of Roses (*Rosa* sp) *Journal of University of Babylon for Pure and Applied Sciences*, Vol.(27), No.(4).  
<https://www.iasj.net/iasj/article/175212>
- 5- Hassan Alkarawi and Sabaa Jawad Abdulkadim.2019. Effect of Foliar Application of Seaweed Extract and Zinc on Productivity of Dahlia hybrida cv. Albion”, *JOURNAL OF UNIVERSITY OF BABYLON for Pure and Applied Sciences*, JUBPAS, vol. 27, no. 2, pp. 269–276, Apr. 2019. DOI: <https://doi.org/10.29196/jubpas.v27i2.2180>
- 6- Hassan Hadi Alkarawi and Hameed Kadhim Abdulameer .2019. Effect of Mn and K humate on some vegetative and yield parameters of tomato plant *Lycopersicon esculentum* Mill grown in plastic house. *Ajman Journal of Studies and Research (AJSR)* , vol. 19, no. 1. 2019.
- 7- Hassan Alkarawi and Sabaa Jawad Abdulkadhim .2018. Effect of scion species and iron spray on growth of sour lemon and clementine mandarins seedlings budded on sour orange rootstock. *journal of kerbala university*, 2018, Volume 14, Issue 1, Pages 330-338
- 8- Hassan Alkarawi. 2018. Phytic Acid In Green Leaves . Book. Southwest German publisher for academic publications ISBN (978-620-2-32247-8).
- 9- Hassan Hadi Alkarawi and Hameed Kadhim Abdulameer .2018. Effect of manganese and potassium humate on some vegetative and yield parameters of tomato plant *lycopersicon esculentum* mill grown in plastic house. *JOURNAL OF UNIVERSITY OF BABYLON for Pure and Applied Sciences*, JUBPAS, vol. 26, no. 10, pp. 291–300, Dec. 2018.
- 10- Alkarawi, H.H., Al-Musaifer, M.A. and Zotz, G., 2018. Phytate in seeds of wild plants. *Flora*, 244, pp.15-18.
- 11- Hadi Alkarawi H & Zotz G. 2015. Phosphorus in non-productive environments . AoB Plants 6 Oxford University Press: plu048.
- 12- Hadi Alkarawi H & Zotz G. 2014. Phytic acid in green leaves of herbaceous plants – Temporal variation in situ and response to different N/P fertilizing regimes. AoB Plants 6: plu048.

13-Hadi Alkarawi H & Zotz G. 2014. Phytic acid in green leaves. *Plant Biology* 16: 697-701.

14-The effect of two types of potassium fertilization on growth And yield of tomato under controlled conditions. *Euphrates Journal of Agriculture Science (EJAS)* Vol. (2) No. (3) / 2010.

15-Study on the contamination for Alrifq company production (Ltd) in the light of the limited water used before and After production.2007 *Journal of Babylon university*.

16 -Salt Tolerant Test of Three Tomato(*Lycopersicon esculentum*.Mill) Cultivars by using In-Vitro Technique.2005-2006,Iraq.