

Dr. Alaa Hasan Fahmi

Department Rapporteur – Managing editor of Diyala
Agricultural Sciences Journal – Lecturer



Education

B. Sc. in Soil Sciences
B. Sc. in Education of English Language
M.S. in Soil Sciences – Soil Chemistry and Organic Matter
Ph.D. in Soil Sciences – Environmental Soil Chemistry

Work Experience

2007- Going on

University of Diyala – College of Agriculture – Assistant Professor

Presentations

Publications

- Magnetization Improved Fine Particle Biochar Adsorption of Lead
AH Fahmi, AW Samsuri, D Singh
Soil and Sediment Contamination: An International Journal 31 (5), 633-654 2022
- Removal of heavy metals from wastewater using low-cost biochar prepared from jackfruit seed waste
M Khadem, A Husni Ibrahim, I Mokashi, A Hasan Fahmi, S Noeman Taqui, ...
Biomass Conversion and Biorefinery, 1-10 3 2022
- Effect of planting density, foliar spraying and overlapping system on the growth and productivity using soilless culture system
AA Obaid, NH Khalil, HH Al-Alawy, AH Fahmi
Journal of the Saudi Society of Agricultural Sciences 2 2022
- Estimate Salinity of Soils, Some Nutrients Solubility and Their Spatial Distribution in Baqubah City-Diyala-Iraq Using Remote Sensing And GIS
AH Fahmi, BR Bader, A bahjat Khalaf
Review of International Geographical Education Online 11 (12), 973-985 2021
- Potassium availability in soil amended with organic matter and phosphorous fertiliser under water stress during maize (Zea mays L) growth
BR Bader, SK Taban, AH Fahmi, MA Abood, GJ Hamdi
Journal of the Saudi Society of Agricultural Sciences 20 (6), 390-394 13 2021
- Assessment of Ground Water Suitability for Different Purpose in Some Wells Diyala
AH Aswad, MA Rashed, LE Mahdi, MT Al-Dainey, AH Fahmi
Annals of the Romanian Society for Cell Biology, 577-585 2021
- Assessment Of Pollution And Heavy Metals Hazards In Kirkuk City
MA Ahmed, U.A., Fahmi, A.H., Abood, M.A., Najemalden
International Journal of Agricultural and Statistical Sciences 17, pp. 967–975 2021
- Particle size and rate of biochar affected the phytoavailability of Cd and Pb by mustard plants grown in contaminated soils
AW Samsuri, AH Fahmi, H Jol, S Daljit
International journal of phytoremediation 22 (6), 567-577 8 2020
- Interaction effect of potassium fertilizer, humic acid and irrigation intervals on growth and yield of wheat
AH Fahmi, MO Sallume, AH Aswad, AL Abdulrahman, GJ Hamdi, ...
Res. Crops 21 (1), 31-35 3 2020

Address

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College of Agriculture-
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Resources

Email

alaahfahmi@uodiyala.edu.iq
alaaalamiri2006@yahoo.com

Google scholar

<https://scholar.google.com/citations?user=1LhzFMAAAAJ>

Scopus link

<https://www.scopus.com/authorid/detail.uri?authorid=57204791327>

- Biodegradation of pesticides in soil amended with different organic matters
FM Suhail, AH Fahmi
Indian Journal of Ecology 47 (4), 1003-1008 1 2020
- Effect of planting date and spraying of humic acid in the growth traits and active compounds of Fenugreek (*Trigonella foenum-graecum* L)
HA Majid, HA Salim, AH Fahmi
IOP Conference Series: Earth and Environmental Science 388 (1), 012048 2 2019
- Adsorption, Leaching And Bioavailability Of Cadmium And Lead In Aqueous Solution And Contaminated Soils Amended With Modified Biochar
AH Fahmi
UPM 2019
Bioavailability and leaching of Cd and Pb from contaminated soil amended with different sizes of biochar
AH Fahmi, AW Samsuri, H Jol, D Singh
Royal Society open science 5 (11), 181328 35 2018
- Physical modification of biochar to expose the inner pores and their functional groups to enhance lead adsorption. RSC Adv 8: 38270–38280
AH Fahmi, A Samsuri, H Jol, D Singh 5 2018
- Physical modification of biochar to expose the inner pores and their functional groups to enhance lead adsorption
AH Fahmi, H Jol, D Singh
RSC advances 8 (67), 38270-38280 48 2018
- The impact of gypsiferous and calcareous soils on decomposition of different organic materials
AAAH FAHMI
Diyala Agricultural Sciences Journal 5 (2), 133-143 1 2013
- Quality effect of organic fertilizers on some soil properties, growth and yield of garlic (*Allium Sativum* L)
MA Abood, AA Jasim, AH Fahmi, TK Badawi
International Journal of Agricultural Science and Research 3 (5), 25-32 6 2013
- The Effect Of Interaction Between Azotobacter Chroococcum Bacteria Inoculation, Nitrogen Fertilizer And Sulfur On Growth And Yield Of Tomato
FM Suhal, GAA Al-Rawi, AH Fahmi
Egyptian Journal of Agricultural Sciences 63 (2), 217-225 2012
- Effect of soil gypsum content on decomposition of different organic materials and humic acids formation and the effect of that on status and behaviour of potassium
AH FAHMI
Tikrit University - College of Agriculture 2011. Fahmi, et al., 2020.

Professional Memberships

Publishing Workshop

Universiti Putra Malaysia

Elsevier

17 July, 2018

Seminar on research best practice: skill versus tools

Universiti Putra Malaysia

iGroup Asia pacific

29 September, 2015

Safety talk : mitigation chemical risk in laboratories and the good laboratory practices

Universiti Putra Malaysia

Faculty of science/ Universiti Putra Malaysia

2 August, 2017

Tree planting ceremony 2016

Universiti Putra Malaysia

Putra sarjana school of graduate studies

in cooperation with
Mitsubishi corporation
19 March, 2016

Honors and Awards

Acknowledgment letter – Ministry of Higher Education and Scientific Research

Acknowledgment letter – Ministry of Agriculture

Acknowledgment letter – University of Diyala

Acknowledgment letter – College of Agriculture

University Shield - 2014

Other Skills

Proficient in Microsoft Word, Excel, PowerPoint, SAS (statistical program)