

Curriculum Vitae

Personal Details:

Full name: Sirwa Anwar Qadir

Surname: Qadir

Academic standing: Lecturer

Date & place-of birth: 29th of May 1977 Erbil, Iraq

Marital status: married

Home address: new Zanko Village -Erbil, Iraq

Email/ sirwa.qadir@su.edu.krd

Google scholar profile:

https://scholar.google.com/citations?user=_c7a-BcAAAAJ&hl=en&authuser=2

Salahaddin University Profile :

<https://academics.su.edu.krd/sirwa.qadir>

Researchgate profile :

https://www.researchgate.net/profile/Sirwa_Qadir

LinkedIn :

<https://www.linkedin.com/in/sirwa-qadir-257150101/>

Educational Profile

- (2017) Awarded Ph.D. in Plant Physiology split-site inter ship Ph.D. (Universiti Teknologi Malaysia- University of Salahaddin)
- (2006) M.Sc. in Plant Physiology, Dept. of Biology, College of Education, University of Salahaddin - Erbil, Iraq.
- (1999) Awarded B.Sc. in Biology, Dept. of Biology, College of Science, University of Salahaddin - Erbil, Iraq.
- (1995) Baccalaureate, Science Branch, Ronakey Secondary School, Erbil, Iraq.

Language:	Mother language	Fair	Good	Very good
Kurdish	√			
Arabic				√
English				√
Others				

COMPUTER SKILLS

- Microsoft word
- Microsoft excel
- Microsoft power point
- Internet explorer
- IBM SPSS

Area of Specializations:

Plant Physiology, Stress Physiology, Plant Biotechnology, Plant Molecular Biology

Training Courses & Conferences:

- 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- 27th INTERNATIONAL SCIENTIFIC-EXPERT CONGRESS OF AGRICULTURE AND FOOD INDUSTRY/ Uludagh University Bursa /Turkey. 26th to 28th SEPTEMBER-2016.
- 4- Exhibitor for Salahaddin University for “UTM STUDY ABROAD FAIR 2016” (SAF 2016) on 6th March to 7th March-2016.
- 5- ELSEVEVIER AUTHOR WORKSHOP 2016: HOW TO GET PUBLISHED. 18th February 2016.
- 6- “BASIC TECHNIQUES IN PLANT TISSUE CULTURE AND TECHNOLOGY WORK SHOP 2015” 21st -22nd December-2015 at Faculty of Bioscience and Medical Engineering/ Universiti Teknologi Malaysia/ Johour Barouh/ Malaysia.
- 7- Teaching Method training/ Presidency of Salahaddin University on 16th September to 5th October-2006.
- 8- Computer training (M.S Word, Excel & Power point). Agriculture College. 10th to 30th October-2001.

Professional Experience:

- From 2000 to 2003 I worked as Lab assistant at Botany and entomology Lab.
- From 2003 to 2006 I was M.Sc. student at Biology Dept. / Education College.
- Since 2006 Lecturer till 2008 at Plant Protection Dept., College of Agriculture, University of Salahaddin – Erbil, Iraq.
- from 2008 till 2016 Lecturer at Department of Horticulture, College of Agriculture, University of Salahaddin – Erbil, Iraq.
- From 2017 to 2018; Part time Lecturer at Education College, Biology Dept., Ishik University- Erbil- Iraq
- Currently I work as a full time Lecturer at Department of Forestry, College of Agricultural Engineering Sciences, Salahaddin University- Erbil, Iraq.

Description of Main Duties & Responsibilities:

1. Teaching the following courses for undergraduate students:
 - Principles of Plant Physiology
 - Forest Trees Physiology
 - Plant Anatomy
 - Research Methods
 - Forest Biotechnology
 - Nurseries and Tree Propagation
 - Design of Experiment and Analysis.
 - Statistics.
2. Teaching the following advanced courses for M.SC students:
 - Advanced Trees Physiology
 - Data Analysis
 - Plant stress physiology
3. Member in the Scientific Council in Forestry Dept. - Agriculture College.
1. I'm responsible of Quality Assurance of Forestry Department. As well as I membered the Quality Assurance committee of the college of Agricultural Engineering Sciences.
4. Co-supervising an M.Sc student under the proposal title “Genetic Variability and Divergence of Oak Forest Species in Kurdistan Region”
5. Teacher Adviser on the research graduation of the 4th class' students.
6. Statistically analyzing and evaluating the data of Graduation research of the fourth class students.
7. Supervising the practical part for the students guiding them to use following instruments:
 - PH- metrer
 - EC- meter
 - Oven

- Autoclave
 - Spectrophotometer
 - Flame photometer
8. Performing PCR techniques:
 - Genomic extraction
 - DNA amplification using the Thermo cycler
 - Gel electrophoresis documentation
 9. Handling the tissue culture techniques:
 - Callus induction
 - MS media preparation and Plant regeneration.
 - Inducing stress agent PEG to the MS media.
 10. Chromatography and Hi Performance Liquid Chromatography (HPLC) analyses for plant hormone determination.

List of publications:

- Qadir, S. (2019). Wheat Grains Germination and Seedling Growth Performance under Drought Condition. *Basrah Journal of Agricultural Sciences*, 31(2), 44-52.
[Retrieved from http://bjas.bajas.edu.iq/index.php/BajoAgSc/article/view/99](http://bjas.bajas.edu.iq/index.php/BajoAgSc/article/view/99)
- Qadir, S.A., 2019. ABSCISIC ACID ACCUMULATION AND PHYSIOLOGICAL INDICES IN RESPONSES TO DROUGHT STRESS IN WHEAT GENOTYPES. *Iraqi Journal of Agricultural Science*, 50(2), pp.705-712.
https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=ABSCISIC+ACID+ACCUMULATION+AND+PHYSIOLOGICAL+INDICES+IN+RESPONSES+TO+DROUGHT+STRESS+IN+WHEAT+GENOTYPES&btnG=
- Qadir, S. A., Khursheed, M. Q., & Huyop, F. Z. (2017). Drought Tolerance and Genetic Diversity among Selected Wheat Cultivars. *ZANCO Journal of Pure and Applied Science*, 29 (3); 110-117.
<http://zancojournals.su.edu.krd/index.php/JPAS/article/view/893>
- Qadir, S. A., Khursheed, M. Q., & Huyop, F. Z. (2016). In vitro culture characters of some Bread wheat genotypes under Drought stress condition. *Journal of Agricultural Faculty of Uludag University*, 30, Number (Special Issue); 11-16.
https://www.researchgate.net/profile/Mohammed_Qader_Khursheed2/publication/313970176_In_vitro_culture_characters_of_some_Bread_wheat_genotypes

[under Drought stress condition/links/58b05f8e92851cf7ae8ba5d5/In-vitro-culture-characters-of-some-Bread-wheat-genotypes-under-Drought-stress-condition.pdf](#)

- Qadir, S. A., Khursheed, M. Q., & Huyop, F. Z. (2016). Effect of Drought Stress on Morphology, Growth and Yield of Six Bread Wheat (*Triticum aestivum* L.) Cultivars. *ZANCO Journal of Pure and Applied Sciences*, 28(3), 37-48.
<http://zancojournals.su.edu.krd/index.php/JPAS/article/view/906>
- Karim, S.A., Qadir, S.A. and Sabr, H.A., 2020. Study some of morphological and physiological traits of Kurrajong *Brachychiton populneus* (Schott & Endl.) seedlings planted under water stress conditions. *Basrah J. Agric. Sci.*, 33(1), pp.213-220.
<http://bjas.bajas.edu.iq/index.php/bjas/article/view/186>

Book Chapter:

Qadir, S. A., Khursheed, M. Q. (2016). Molecular Characterization of Bread Wheat Cultivar for Drought Tolerance using RAPD. Huyop F. Z. *Plant Biotechnology “Sustainable Solution for the Future”*. Universiti Teknologi Malaysia.