



Curriculum Vitae (CV)

Name: Assistant Professor Dr. Siraj Muhammed Abdulla Goran

Current Position: Head of Environmental Science and Health Department, College of Science, Salahaddin University, Ministry of Higher Education and Scientific Research, Erbil, Kurdistan Region, Iraq

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Marital Status: Married, and I have 4 kids (3 girls and 1 boy).



Address: New Zanco village- House No. 51C, Erbil City

Date of birth: 1st July 1976

Place of Birth : Dewanya-Qadsia

Native Language: Kurdish

Other Languages: English and Arabic

Computer skill: Very good

a. Professional Preparation and Certificates:

- 1) Salahaddin University, Erbil, Iraq, Biology Department, PhD in Water Pollution during 2014**



- 2) **Salahaddin University, Erbil, Iraq**, Biology Department, **M.Sc. in** Freshwater Ecology during **2006**
- 3) **Salahaddin University, Erbil, Iraq**, Biology Department, **B.S.** during **2004**
- 4) **Technical institute of Erbil**, Iraq (Erbil Polytechnique University), Community Health Department, **Diploma** in Community Health during **2000**
- 5) **Preparatory School**: Graduated from Shekh Mahmood Preparatory school-Erbil City during **1997**
- 6) **Secondary School**: Graduated from Zanist Secondary school-Erbil-Khabat District during **1991**.
- 7) **Primary School**: Graduated from Hanjerok Primary school-Erbil-Khabat District during **1988**.

b. Appointments and Jobs:

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| 2017 - Present | Head of Environmental Science and Health Department, College of Science, Salahaddin University, Erbil, Kurdistan Region of Iraq |
| 2017 | Assistant Professor at Environmental Science and Health Department, College of Science, Salahaddin University, Erbil, Kurdistan Region of Iraq |
| 2009 - 2017 | Lecturer at Environmental Science and Health Department, College of Science, Salahaddin University, Erbil, Kurdistan Region of Iraq |
| 2006 - 2009 | Assistant Lecturer at Biology Department, College of Science, Salahaddin University, Erbil, Kurdistan Region of Iraq (Postponed Services) |
| 2005 - 2007 | Officer at Interior Ministry of KRG-Erbil Asaesh Directorate. |
| 2003 - 2005 | Medical Assistant in Erbil Education Hospital at Ministry of |



Health, Erbil Teaching Hospital.

c. Publications:

1. Effect of different cadmium levels on growth and biochemical parameters of *Cyprinus carpio* fingerlings reared in a close system. Zanco Journal, Volume 31, Number 4, 2019
2. Using of Liptocitro as a growth promoter on common carp *Cyprinus carpio* L. 1758 reared in cage culture. Zanco Journal. 2016
3. Determination of Heavy Trace Metals in Different Fish Species from Derbendikhan Lake, Kurdistan Region of Iraq, Erbil Polytechnique Journal, Volume 7, No. 1 2017.
4. Water Quality and Physiological Parameters of Common Carp Fingerling Fed on Jerusalem artichoke Tubers. Erbil Polytechnique Journal, Volume 6, No. 3 2016.
5. Ecological Study On Dukan Lake With Particular References To Bioaccumulation Of Some Heavy Metals And PAHs In Fish And Gull Tissues – Sulaimani –Kurdistan Region Of Iraq 2014
6. Quality and Hygienic Status of the Main Sewage Channel of Koya Town/Erbil, Kurdistan Region-Iraq 2012
7. The Efficiency of Drinking Water Treatment Processes in Removing of some PAHs Compounds from Water In Erbil City-Iraq 2009
8. Evaluation Of Ifraz Water Treatment Plants Starting From Row Water To Storage Units In Erbil City of Iraq 2010
9. A Preliminary Study of Algae in Two Nearby Water Bodies in Suliamaniyah 2008.
10. Limnological study on Dilopa Spring and Kesnezan Impoundment. Hewlêr, Kurdistan Region of Iraq 2008
11. An Ecological Study on Water to Some Thermal Springs In Koya-Erbil Provence, Iraq 2010.
12. Limnology and Non-Diatom Phytoplankton Composition Of Dilope Spring And Kesnezan Impoundment, Hewler –Kurdistan Region Of Iraq



d. Synergistic activities

During last 3 years I get an approval for more than 200 000 000 IQD from Ministry of finance/Budget to buy advanced equipment's and instruments for Environmental Science and Health Department and these equipment's know exists only in our department for research such as X-Ray Fluorescent, Gas Chromatography -Mass Spectroscopy, Atomic Absorption Spectroscopy with Graphite Furnance, Flame Photometer etc...

Between 2011 and 2019, I participated and leaded more than 90 environmental impact assessment reports for international oil companies in Kurdistan Region such as Exxon mobile, Gazprom, Rosneft, Chevron, Taqa, Gaz Plus etc. in addition to preparation of a drought report on Kurdistan region of Iraq through UNOPS during 2012. Conducting and preparation of more than 13 papers. Participating in other projects with oil and gas Company as Team leader for Environmental consultancy.

e. Collaborators and other affiliations:

(i) Collaboration with Salahaddin University for conducting papers, MSc thesis and PhD dissertation. Collaboration with IUCN organization for Biodiversity survey, we are Member in IUCN Organization (International Union for Conservation of Nature), Collaboration with College of agriculture Sciences-department of fish resource and aquatic animals in researches and Collaborating with Ministry of Agriculture and Environmental Board of Kurdistan Region for Consulting.

(ii) Thesis advisors

My PhD Dissertation Supervised by: Assistant Professor Dr. **Dilshad Ganjo Ahmed Ganjo**, Doctorate of Fresh Water Ecology in Biology Department in College of Sciences-Salahaddin University.

Title of My Ph.D. Dissertation:

Ecological Study On Dukan Lake with Particular Reference To Bioaccumulation Of Some Heavy Metals and PAHs in Fish and Gull Tissues-Sulaimani, Kurdistan Region of Iraq



MSc Thesis Supervised by: Assistant Professor Dr. **Dilshad Ganjo Ahmed Ganjo**, Doctor of Fresh Water Ecology in Biology Department of College of Sciences. And Prof. **Dr. Bahram K. Maulood, Botanical Gardin of Erbil and Consultant for Kurdistan Region President.**

Title of My MSc. Thesis:

Limnology and non-diatom phytoplankton composition of Dilope spring and Kesnezan impoundment. Hewlêr, Kurdistan region of Iraq

(iii) Thesis supervision.

I supervised the following thesis (M.Sc.) during the last few years:

a-Water Quality Assessment for Greater Zab River and Bioaccumulation of Toxic Heavy Metals in Some Local Fish Species, Erbil, Kurdistan Region of Iraq, for Iman Sherzad Ali in Fish Resource Department-College of Agriculture-Salahaddin University, 2017.

b-Accumulation and Effects of Chromium and Cadmium in Tissues of Common Carp (*Cyprinus carpio* L.) Fingerlings Rearing in a Closed System, for Marwa Abdulkhaliq Yaseen in Environmental Science and Health Department-College of Science-Salahaddin University, 2019.

c-Bioremediation of oily wastewater by using of Bacteria (*Bacillus subtilus*), for Shahd Fuaad Hussein in Environmental Science and Health Department-College of Science-Salahaddin University. Not Discussed yet (In process).

f. I participated in the following training courses on the national and International levels:

No	Certificates	Place	Date	Degree	Status
1	ISO14001-2015 for Environmental Management System and ISO19011:2018 for Auditing Management System-International Auditing	BSI (British Standard Institute) Institute in Dubai to be International Auditing	2019	Pass	International



2	HSE training course	KAR Company	2019	Pass	National
3	HSE training course	TTOPCO Company	2018	Pass	International
4	Pollutant Modelling	Univ. of Freiberg-Germany	2015	Pass	International
5	English course	Univ. of Salahaddin Training Centre – Erbil (USTC)	2007	Pass	National
6	Methods of Instruction	Univ. of Salahaddin	2007	Excellent	National
7	Computer Efficiency	Univ. of Salahaddin, College of Science Education	2006	Pass	National
8	Scientific Efficiency	Univ. of Salahaddin, College of Science Education	2004	Pass	National
9	English Efficiency	Univ. of Salahaddin, College of Science Education	2004	Pass	National
10	PCR Training Course	College of Science / Biology Department	2003	Pass	National
11	Lab. of Haematology, Parasitology and Bacteriology	Central Laboratory at Erbil Educational Hospital	2003	Pass	National

g. Participation in the following activities, conferences, workshops and training courses:

1-Participating in a workshop for Upgrading Touristic Instructions in KRG during 2019.

2-Participating in a Upgrading of Instructions and Law of Ambient Air Quality and Noise for Environmental Board for Protection and Improvement of KRG during 2019.

3-Participation in a workshop on the Biodiversity of Kurdistan during March 2019 that arranged between UNDP and Environmental Board of Kurdistan.



- 4-Arranging and supervising a workshop on air pollution in Kurdistan during 15th April 2019 in collaboration with Environmental Board of Kurdistan
- 5-Participation in Biology and environment workshop at Knowledge University during 2019.
- 6-Participation in 1st Erbil Gas and Air Quality Measurement workshop at Arjaan Rotana Hotel during NOVEMBER 6, 2018 arranged by Gastronics Company.
- 7-Participation in ICAWAS conference on Biology at Cihan University during 2018.
- 8-Arranging and supervising Environmental date of Kurdistan during 16th April 2018.
- 9-Participation in a workshop on tourism in Kurdistan during 2018 arranged by Ministry of Municipality and Tourism Board of Kurdistan.
- 10-Participation in ICAWAS conference on Biological and environmental sciences at ISHIK University during 2018.
- 11-Arranging a workshop on the biological and environmental management in collaboration with Erbil International University during 17th April 2017.
- 12-Arranging and supervising Environmental date of Kurdistan during 16th April 2017.
- 13--Participation in ICAWAS conference on Biological and environmental sciences at ISHIK University during 2017
- 14-Participation in a workshop on Plastic Bottle minimization at Ministry of Municipality in collaboration with Environmental Board of Kurdistan during 5th June 2017.
- 15-Participation in a Conference on Biological Science during 2017, arranged by Salahaddin University.
- 16- Participation in Online database and their role in advancing scientific research in higher education during May 2017, conducted at Mathematic conference hall by Salahaddin University.
- 17- Participation in Bioinformatics (tools and applications) at Computer sciences and IT department hall during 2017
- 18-Arranging a workshop on the Ecology and Pollution in collaboration between Salahaddin university-Environmental Sciences Department and the Iraqi House for Competence during 15th April 2017.
- 19- A workshop on Radon Content in Bottled Water of Kurdistan Region Using Active and Passive Methods at Salahaddin-College of Science during 15th May 2017.
- 20-Environmental awareness for Teachers in Ministry of Education for 2 weeks at Environmental Board of Kurdistan during 2016.
- 21- A workshop on Re-Updating the Education program at Salahaddin University during 19th April 2016.
- 22-Workshop about the new syllabus and Subjects of Biology department branches



at Salahddin University during 18th April 2016.

23--Participation in a workshop on the Drought in Kurdistan during June 2011 that arranged between UNDP and KRG Directorates.

24-Participation in 2nd Conference on the Environment in Duhok during 2007.

25-Participation in the 1st Conference on the Environment in Erbil during 2006.

h-Membership in syndicates and organizations

No.	Membership Organization	Date of Membership	Status
1	International Union for Conservation of Nature (IUCN)	2019	International
2	Kurdistan Teachers Syndicate	2007	National
3	Kurdistan Biology Syndicate	2004	National