

Curriculum Vitae

Dr. Khairi M. Alamari, Ph.D.

Professor of Water Treatment Sciences: ((Bioremediation))

Personal Data:

Name	Khairi Mohamed Milad Alamari
Marital status	Married
Date of birth	17/4/1974
Place of birth	Tripoli - Libya
Nationality	Libyan
Language	Russian – English – Arabic (mother lang.)

Contact Data:

Telephone:	- 00218913501215 Libya - 00218925429784 Libya
Email:	Khkh742000@yahoo.com Khlamari@gmail.com Khairi.alamari@academy.edu.ly
Office Address:	Soil and Water Department, Faculty of veterinary medicine and Agriculture Sciences, Zawia University, Libya. Libyan Academic, Environmental and Engineering Science Dep.
Home Address:	Altell Street, Tripoli – Libya.

Computer Skills:

Word Processing	MS-Office of Word for Windows, Advanced Excel, 2016
Graphics:	MathCAD 2001, Maple 7.0, Mat LAB 6.5, ODE, and Power Point (4.0),
Statistical Package:	SPSS and SAS (Statistical Analysis Systems) , Mini Tab Software
Communication:	Internet Explorer and Netscape Navigator, etc.

Academic Data:

Academic Degrees:

- * *Doctor of philosophy Ph.D in Technology science - January, 21, 2005. Moscow State University of Service.*
- * *M.Sc. Degree of Master in Science of Engineering, Moscow State University of Environment Engineering - June, 26, 2001.*
- * *B.Sc. Degree in agricultural science, Tripoli Al Fateh University - June, 09, 1998.*

Academic Positions

- **Dean of Basic School Science, Libyan Academy,2017,(current position).*
- **Head of Department of Environmental Science and Engineering, Libyan Academy,2014-2017. (previous position)*
- **Head of Department of soil and water Faculty of Vet. Medicine and Agriculture sciences, Zawia University – Libya, from 2006-2014 . (previous position)*
- **Assistant Professor in the Department of soil and water, Faculty of Vet. Medicine and Agriculture sciences, Zawia University – Libya, from: 1/3/2010 .*
- **Lecturer in the Department of soil and water,1/3/2006 Faculty of Vet. Medicine and Agriculture sciences, Zawia University - Libya.*
- **Researcher in Biotechnology Research Centre, Environmental protection, Waste water Treatment, Libya. 2005- 2006.*

Teaching Courses:

- *Teaching of several courses for the undergraduate and postgraduate students in department of natural resources, institute of water affairs (el-Agaylat) and institute of integrative professions (Tripoli - Libya): { Solid wastes treatment – waste water treatment – drinking water treatment operations – biological treatment of waste water "secondary treatment- Solid Waste Management}.*
- *Member in the committee of courses preparing for association of technical and*

technological institutes in cooperation with UNISCO: { primary and secondary waste water treatments I & II – developed treatment " 3rd treatment " - working of waste units – biological treatment of waste water II }.

- *Teaching of courses undergraduate students in department of of Soil and Water, Faculty of Veterinary and Agriculture Sciences, Al- Zawia University – Libya: { Hydrology of valleys and torrents - Kinds of water pollution – water basic sciences –applied hydrology – Environment basic science - research projects preparation}.*

Training courses & Work- shops:

- *International Seminar on (use of unconventional water in urban water management); 24 – 26 February, 2014 – Muscat – Sultanate of OMAN.*
- *UV-vis Recording spectrophotometer.*
- *TOC-5000A Total Organic Carbon analyzer.*
- *Flame Photometer.*
- *Arabic mother tongue.*
- *Russian language certificate .*
- *English courses .*
- *workshop on building the strategic plan and the completion of the process of self-study, libya- Zawia, 22 – 25 /4 /2012*

1-Khairi M. Alamari, *The use of cluster method statistical analysis to study the quality of drinking water in the Soak Algoma area. In press. the third conference of sustainable Agricultural Development, 12- 14 November2007. Agricultural Faculty-Fayoum University- Egypt.*

2-Khairi M. Alamari, & Laheeb Gameel *Biological corrosion of water pipelines from wells of Awaneen area, Libya ,In press. Fayoum Journal of Agricultural Research and Development, Vol.23, No. 2, july,2009, Agricultural Faculty-Fayoum University - Egypt.*

3-Khairi M. Alamari, *Designing the industrial wastewater treatment plant resulting from the Metallic painting factory. In press. The 9TH Gulf Water Conference "Water Sustainability in the GCC Countries" 22-25 March 2010, Muscat, Sultanate of Oman.*

6-Khairi M. Alamari, & Lokashof E. A. 2004; *semi chemical the equations microbiological kinetic. Conclusion and substantiation of the equation of inhibition high concentration of a substratum.*

7-Khairi M. Alamari, & Lokashof E. A. 2003; *Mathematical models of process of biological sewage treatment of the enterprises of service.*

A-The analysis of assumptions of the equation μ_{max}

B-Criterion a choice of the kinetic equation.

8-Khairi M. Alamari, & Kamal Marzok, *Evaluation of Reverse Osmosis Technique in water desalination in some regions of Libyan Tripoli city, Jordan, May 13-17/ 2012. The Annual International Water Conference.*

"Water Resources and Water Security in Middle East and the Mediterranean Region"

9-Khairi M. Alamari, Mohamed M. Ziyania: *Migration of Acetaldehyde and formaldehyde from PET into plain water bottles. Vol.34,2013. Alexandria Science Exchange Journal.*

10 -Khairi M. Alamari, *MSc Thesis 2001; some problems arising in the mathematical modeling of methanogens anaerobic processes when treating the drainage from municipal utilities;*

11-Khairi M .Alamari, *Ph.D Thesis, 2005; the kinetic mathematical model of biotransformation of organic substances in the municipal sewage water.*

12-Khairi M. Alamari, & Another, *Quality of Water Produced from Seawater Desalination plants in Zuarah, Zawia, Zliten Regions. Volume (2) 2015, ISSN: 2314-7997. Journal of Soil & Water Sciences; Suez Canal University.*

13-Khairi M. Alamari & Another, *Evaluation of the Quality of Ground Water for Drinking and Irrigation at Sidielsayeh Garbage Dump, Tripoli, Libya. Volume 3*

- (1) 2017, *Journal of Soil & Water Sciences*; Suez Canal University, 2017.
- 14-Khairi M. Alamari**, and Another, *Effect of water contamination with nitrate on chemical properties and Productive quantity of goats milk in Western of Libya*. Vol 6, Issue1. *International Journal of environmental & Water*, November, 26-29, 2017, Istanbul , Turkey, 2017.
- 15- Khairi M. Alamari**, *Evaluation of the Quality of Ground Water for Drinking and Irrigation at Sidielsayeh Garbage Dump, Tripoli, Libya*. The 3rd Arab Water Conference, Kuwait, May 2-3/2018.
- 16- Khairi M. Alamari.**, *Evolution of Groundwater for Drinking Purpose in Sorman City -Libya Using Water Quality Index.*, Vol, 1 No, 2 Dec, 2019., *Libyan Journal of Ecological Environmental Sciences Technology*.
- 17- Khairi M. Alamari.**, *Using Water Quality Index to Assess Groundwater Quality in Al-Nawhi Al-Arbaa Area in Libya.*, Vol, 4 No, 2 Dec, 2018., *Libyan Journal of Ecological Environmental Sciences Technology. Journal of Marine Sciences and Environmental Techniques*.
- 18- Khairi M. Alamari.**, *Biosorption of Cd (II) by Biomass of Dried Sargassum baccularia in Aquatic solution. International Journals of Sciences and High Technologies* .Vol. 27 No. 1 Junio 2021, pp.299-308. <http://ijpsat.ijsh-journals.org>.
- 19-khairi M. Alamari**, *Evaluation of Groundwater for Irrigation Purpose in Al-Heira Agricultural Project in Libya Using Meireles Model (WQIM)*. 20th International Conference on Water Resources and Environmental 10-14/11/2022 in Antalya, Turkey. *International Journal of Environmental and water*, <http://ijew.ewdr.org>.
- 20- khairi M. Alamari**, *Evaluation of Groundwater for Irrigation Purpose in Al-Heira Agricultural Project in Libya Using Meireles Model (WQIM)*. 20th International Conference on Water Resources and Environmental 10-14/11/2022, in Antalya, Turkey. *International Journal of Environmental and water*, <http://ijew.ewdr.org>.
- 21- khairi M. Alamari**, *Evaluation of the Performance and Effectiveness of Australian Laurels Extract in Removing Heavy Metals from Aqueous Solutions. The First Scientific Conference on Digital Agriculture in Libya*. P211-225 , 5-7 March 2023.
- 22- khairi M. Alamari**, *The Quality of Groundwater and the Potential Environmental Impacts of its Use for Irrigation n the Asbihha Area. The First Scientific Conference on Digital Agriculture in Libya*. P172-197, 5-7 March 2023.

23- khairi M. Alamari, *Assessment of the Chemical and Bacteriological Quality of Ground water in the Area Surrounding the Wastewater Pond in the Al-Hadba Agricultural Project. The First Scientific Conference on Digital Agriculture in Libya. P172-197, 5-7 March 2023.*

24- khairi M. Alamari, *Evaluation of Groundwater quality Using the Canadian Index and Weighted Index in the Ain Zara region – Libya. Vol. 13 No.1 December2024.*

Judgment of Scientific Theses::

No	Title of the thesis	Scientific degree	University	Approval Date of University
1	Study and efficiently evaluate the quality of irrigation water Azizia area	Master of science (M.Sc)	Tripoli (al-fath) Tripoli)	5 - 6 – 2012
2	Tracking chemical and biological contamination in the groundwater in the area surrounding the plant sewage treatment plateau green – Tripoli.	Master of science (M.Sc)	Tripoli (al-fatah Previousl	14 - 2 – 2013
3	Quality Assessment of drinking water station Soussse for seawater desalination in Libya.	Master of science (M.Sc)	Al –Bayda (Omar-al-almukhtar university)	9 - 6 -2013
4	Treatment of petroleum drilling mud containing heavy metals by using stabilization/solidification technique.	Master of science (M.Sc)	Libyan Academic of Postgraduate studys, Janzour-Tripoli	12-12-2013

Other Activities:

1- *taught a number of decisions for students stage bachelor department of soil and water
The quality of water pollution – the principles of the life sciences- Applied hydraulics – the
principles of ecology.*

2- *taught a number of decisions Center in high water affairs such as:*

Sewage treatment – the treatment of drinking water- to address biological sewage.

** Participated in the preparation and curriculum development center for high
water affairs – and Member of study syllabus committee for higher Technical
Institutes in Libya in collaboration with UNSCO.*

** Preparing the study syllabus in collaboration between both sides (8-13/7/2006).*

** Preparing the study syllabus in collaboration with study syllabus committee for:
(wastewater treatment plants 1,2 and secondary treatment - biological treatment).*

3- *Certification in the Construction of the strategic plan and the completion of the
process of self-study.*