

## the biography

### **Professor Dr. Abdul Hafeez Abdul Rahman Musa Al-Hassi**

Former Dean of the College of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University

#### **Personal data:**

**Full name:** Abdul Hafeez Abdul Rahman Musa Al-Hassi

**Date of birth:** 19126 AD.

**Address:** Department of Natural Resources - Faculty of Natural Resources and Environmental Sciences -

Omar Al-Mukhtar University - Al-Bayda - Libya.

**Academic Degree:** Professor (Prof.Dr)

**Telephone Number:** 0169941929

**e-mail:** [boeda\\_5@yahoo.com](mailto:boeda_5@yahoo.com) **General Specialization:**

**Soil and Water Minor Specialization:** Water

**Resources Academic Qualifications:**

- **Doctor of Philosophy in Aridity and Water – 6002 – Faculty of Agriculture – Alexandria University – Arab Republic of Egypt.**
- **Master's Degree in Opinions and Water - 9111 - Faculty of Agriculture - Alexandria University - Arab Republic of Egypt**
- **Bachelor's degree in Agricultural Sciences (Deduction from 1st and 2nd year) 9199 – Faculty of Agriculture – University of Garyounis – Libya.**

#### **Employment history:**

-**Soil and Water Engineer, Agrarian Reclamation Authority, Jabal Al Akhdar, Libya, during the period from 9199/1/9 to 9199/96/99.**

-**Head of the Technical Department at the Shahat Agriculture Office9199/96/92- and up to 9191/1/2.**

-**Head of the Shahat Agriculture Office9191/1/9-to 9116/1/9).**

-**Teaching assistant**

Department of Natural Resources - Faculty of Agriculture - Omar Al-Mukhtar University - Al-Bayda - Libya during the period from 1/6/1916 to 1/66/1911 AD.

-**Assistant Muharib**

Department of Natural Resources - College of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University - Al-Bayda - Libya during the period from 1999/62/9111 to 1999/6002/6006 AD.



### -Confused

Department of Natural Resources - College of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University - Al-Bayda

- Libya during the period from 2/99/2002 to 2/6/2001.

### -assistant professor

Department of Natural Resources - College of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University - Al-Bayda - Libya

during the period from 02/09/2001 AD to 02/20/2009 AD.

### -Associate Professor

Department of Natural Resources - College of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University - Al-Bayda - Libya

during the period from 2/9/2012 to 2/20/2012.

### -Mr

Department of Natural Resources - College of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University - Al-Bayda - Libya during the

period from 2/9/1962 AD until now.

### Scientific missions:

9 - Director of the Graduate Studies Office - College of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University

- Al-Bayda - Libya, during the period from 9/90/6009 to 9/69/6099.

6- Member of the Scientific Committee for Faculty Affairs at Omar Al-Mukhtar University from 9/9/2006 until the end of 6/9/2004.

2- Dean of the Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University - Al-Bayda - Libya during the period from 1999/62/6099 to 1966/6066.

### Other tasks:

9 - Agricultural expert at the Green Mountain Court during the period.

6 - Coordinator of Agriculture, Animal Wealth and Marine Affairs at the Local Council of Shahat

District during the period from 9/9/1969 to 1962/6099.

**2 - Focal point between Libya and the Regional Activity Centre for Specially Protected Areas (RAC/SPA) And affiliated with the United Nations Environment Programme (UNEP).**

### Scientific organizations and associations

9- Member of the Euro-Arab Organization for Environmental, Water and Desert Research.

**The Euro-Arab Organization for Environment, Water and Desert Researches (EWDR).**

6- Member of the Libyan Environment Association.

2- Member of the Arab Countries Water Utilities Association (ACWUA) - Member of the Scientific Committee of the Second Conference "Environmental Protection and Water Quality Conservation" ASAAF to Promote

Agricultural Production and Trust for Food Security and Sustainable Development" in the period from 94-99-90-6096,

Antalya - Türkiye.

**9- Member of the Editorial Board of the International Journal of Environment and Water.**

### **International Journal of Environment and Water**

2- Chairman of the Scientific Committee of the Second Scientific Conference on Environment and Sustainable Development in Arid and Semi-Arid Regions

During the period from 99-92 January 6094 AD - Ajdabiya - Libya. 2- Founding member

(Al-Zaytouna Foundation for Environment and Scientific Development).

9- Chairman of the Scientific Committee of the Third Scientific Conference on Environment and Sustainable Development in Arid and Semi-Arid Regions

During the period from June 2-9, 1969 AD - Ajdabiya - Libya.

1- Chairman of the Scientific Committee of the Fourth Scientific Conference on Environment and Sustainable Development in Arid and Semi-Arid Regions

During the period from November 60-66, 1962 AD - Ajdabiya - Libya.

**90- Member of the Editorial Board of the Journal of Science, Environment and Engineering.**

### **Journal of Environmental Science and Engineering**

99- Member of the Editorial Board of Yaman Al-Joudah Journal for Scientific Research, Yaman Al-Joudah Center in the Eastern Province

From Libya

96- Member of the Scientific Advisory Board of the Journal of Marine Sciences and Environmental Technologies, Asmariya University

**Islamic, Libya.**

92- Member of the Scientific Committee of the First Scientific Conference on Environment and Development of Desert Communities held in the city of

The infidels in the period from 64-62 September 6092.

94- Member of the Scientific Committee of the Occupational Safety, Health and Environmental Protection Conference, December 92-96

**6092. Bright Star University.**

99- Chairman of the Scientific Committee of the Fifth Scientific Conference on Environment and Sustainable Development in Arid and Semi-arid Areas

Dry during the period from 64-69 September 6099 AD - Ajdabiya - Libya.

92- Member of the Scientific Committee of the Third Scientific Conference on Oil and Gas, from 90-99 February

6091. University of Ajdabiya.

92- Chairman of the symposium (The limits of the maritime economic zone in the Eastern Mediterranean and oil and gas issues) May 69

6060 Omar Al-Mukhtar University, Al-Bayda.

99-Member of the Advisory Committee of the Libyan Journal of Environmental Science and Technology.

91-Chairman of the Scientific Committee of the Eleventh International Water Conference, May 6-9, 1969, Diyala University, Iraq. 60-Member of the Scientific Committee of the First International Conference on Renewable and Sustainable Energies, October 1990-1996.

6069. Faculty of Engineering, Omar Al-Mukhtar University, Al-Bayda. 69-Member of the Advisory

Committee of the Silphium Journal of Science and Technology. 66-Member of the Advisory Committee of

the Yaman Quality Center in the Eastern Region. 62-Member of the Postgraduate Studies Committee at

the Ministry of Education in the Interim Government. 64-Member of the General Scout Movement and

former leader of the Shahat Scout Troop and Regiment. 69-Deputy Dean of the Faculty Members at Omar

Al-Mukhtar University.

**62- Member of the Scientific Committee of the National Water and Sanitation Program Workshop"reality  
And the Challenges. Tripoli, July 1992-1996.**

62- Editor-in-Chief of the refereed scientific journal Sousse, Higher Institute of Science and Technology - Sousse.

## **Awards**

Scientific Excellence Shield at the International Conference on Geomatics of the Middle East and North Africa, Yarmouk University, Jordan, 2009. Euro-Arab Organization for Environmental, Water and Desert Research (EWDR).

## **Research areas:**

- Supervising many graduation research projects in the field of water resources, water harvesting, soil and environmental pollution for undergraduate students.
- Supervising and participating in master's theses for students at the Faculty of Natural Resources and Environmental Sciences, Omar Al-Mukhtar University, Al-Bayda, Libya.
- Internal and external examiner for some master's theses in Libyan universities.
- Evaluator of research for the promotion of academic degrees for some faculty members in Libyan universities.
- **Publishing many scientific articles on water, environment and health on some websites.**

## **Scientific activities:**

### **Conferences, seminars, workshops and scientific visits:**

9- Symposium on Agricultural Development Prospects in Siwa Oasis.

Faculty of Agriculture (Saba Pasha) - Alexandria University - Arab Republic of Egypt 1991 - 1960 May 1919 AD.

6- The Arab Conference on Land and Water Management as a Sustainable Agricultural Development. College of Faculty of Agriculture - Mansoura University - Arab Republic of Egypt during the period from 90 to 99 April 2002 AD.

2- The Eighth International Conference on Natural Resources in Africa on Sustainable Development of Natural Resources in African Countries

Nile Basin. Institute of African Research and Studies, Cairo University, Arab Republic of Egypt, May 1996-1999.

4 - The Second Minya Conference on Agricultural and Environmental Sciences (Agriculture and Development Prospects) from 64-66 March 6090 - Minya University - Arab Republic of Egypt.

9- The First Conference on Plant Protection Sciences, October 90-96, 6090 - Omar Al-Mukhtar University - Al-Bayda - Libya.

2- The First Scientific Conference on Petroleum Resources and Industries, from October 2002 to 2009, 2009 - Advanced Center for Technical Capacity Building - Brega - Libya.

2- The scientific forum on the sidelines of the Libya International Exhibition for Agriculture, Food and Fisheries during the period 2-90 / May / 6096 AD, Tripoli - Libya.

**9- The First International Water Conference "Water Resources and Water Security in the Middle East and Mediterranean Basin" from 1992-1996, May 60-96, University of Jordan, Jordan.**

**1- The International Conference on Water Resources "Water Resources in the Green Mountain: Reality and Prospects" from 2-9 June 1996 AD – Faculty of Natural Resources – Omar Al-Mukhtar University – Libya.**

**90- Visiting some British universities within the framework of cooperation between the Ministry of Higher Education and the British Cultural Center during the period from 90 to 99 March 6096 AD.**

**99- The first workshop on the vegetation cover of the Green Mountain under the slogan "Reality and Challenges" during the period from 99 to 92 September 6096 AD, Al-Marj - Libya.**

**96- The International Conference on Geomatics in the Middle East and North Africa, Yarmouk University, from 9-6/4/96, Jordan.**

**92- The Second Renewable Energy Symposium, during the period from 62-69 October 6092 AD - Tobruk - Libya**

**94- The National Water Conference, during the period from 9-2 November 1962 AD - Tripoli - Libya.**

**15- The workshop held by the Food and Agriculture Organization (FAO) (Land and Water Days for the Near East and North Africa) in Jordan on 1996-1999/60/99.**

**92- The Second Scientific Conference on Environment and Sustainable Development in Arid and Semi-Arid Regions, during the period from 99-92 January 6094 AD - Ajdabiya - Libya.**

**92- The International Scientific Forum on Water Management and Desertification, from 62-69 November 6094, Istanbul, Türkiye.**

**99- The Third Scientific Conference on Environment and Sustainable Development in Arid and Semi-Arid Regions, during the period from 2-9 June 1999 AD - Ajdabiya - Libya.**

**91- Workshop held by the Activity Center for Specially Protected Areas on marine reserves in Tunisia from 91-92 November 6099.**

**60- The Second Environment Conference in Zliten, from 99 to 92 December 1999.**

**69- The First Scientific Conference on Engineering and Environmental Sciences at Tobruk University, from 69-62 September 6092 AD.**

**66- The Fourth Scientific Conference on Environment and Sustainable Development in Arid and Semi-Arid Regions, during the period from 60-66 November 1962 AD - Ajdabiya - Libya.**

**62- The First Scientific Conference on Environmental Protection and Sustainable Development in Areas Adjacent to Oil Fields, during the period from 62-69 May 6092 AD - Higher Institute of Energy Affairs, Ajkhara - Libya.**

42- The First Scientific Conference on the Environment and Development of Desert Communities, held in the city of Kufra, from 42-42 September 2012.

42- Training course in the field of "Technical Monitoring and Evaluation of Civil Society Organizations' Projects" from 9-00 October 4102, Tripoli.

42- Training course in the field of "Strategic Planning for Civil Society Organizations' Projects" from October 2-4, 2014. Tripoli.

42- The Scientific Conference on the Environment (Environmental Problems and Investment Opportunities) held in Benghazi from October 2-9, 2012.

42- Training course in the field of "Communication Techniques and Tools for Civil Society Organizations Projects" during the period from 41-09 November 4102. Shahat.

49- Occupational Safety, Health and Environmental Protection Conference, December 1-4, 2014. Najm University Bright sparkle.

11- Scientific Research and Sustainable Development Conference, from 12-14 December 2014, Benghazi.

10- A course on preparing auditors according to quality assurance and accreditation standards. The National Center for Quality Assurance and Accreditation. Educational and training institutions. June 4-2, 140 AD.

14- The First International Conference on Renewable and Sustainable Energies, from 01-01 October 2014 - College of Engineering, Omar Al-Mukhtar University.

11- The Third Conference on Agricultural Economics. November 11-14, 1940, Tripoli

12- The Sixteenth Geographical Conference, March 0-1, 1444. Tobruk University.

12- Workshop on "Using Big Data Analytics in Environmental Protection and Achieving Sustainable Development Goals" Sustainable Development "ESCWA Cairo March 1-2, 1411 AD.

12- The Scientific Conference on Water Resources and Water Security in Libya from 02-02 May 1441 Tripoli, Libya.

12- The Fourth Conference on Environmental Sciences as a member of the Scientific Committee of the Conference, Wadi Al-Shati University, December 2014-2015.

12- Conference on Basic Sciences and their Applications as a member of the Scientific Committee of the Conference held at Al-Asmariya Islamic University In the city of Zliten, under the slogan "Quality Knowledge for Sustainable Development." February 4142.

19- Workshop on the National Water and Sanitation Program: "Reality and Challenges." Tripoli, July 2-2, 2014.

**University teaching:**

Teaching the following courses at the undergraduate and graduate levels:

<b>Undergraduate courses F</b>	
Environmental Hydrology	wastewater treatment
The relationship between soil, water, and plants	Methods of measuring pollutants
Fundamentals of Soil Science	water resources
groundwater	Field training
<b>Courses for the undergraduate stage Hey</b>	
Environmental Ecology - Solid Waste Management - Soil and Water Analysis - Water Resources in Libya Research Methods - Water Harvesting	

**Published**

- . 2000 **A. Moussa**Nasseem, M.G.; HA Zeid, MA Hussein and-1  
Evaluation of water resources in Siwa Oasis, Egypt for agricultural uses. J.  
Adv. Agric. Res. Vol. 5, No. 2:1303 – 1317.
- .2008. The effects of **AA Moussa**Maher G. Nasseem; Magda A. Hussein and-2  
calcareous soil. International meeting on soil fertility, land management and  
leaching fraction on the growth and chemical composition of corn grown in  
irrigation water salinity, potassium nitrate fertilization, proline foliar application  
agroclimatology. 29 October-1 November 2008, Kusadasi, Turkey.
- Abdelhafid A. Moussa**Ramadan A, Alhendawi, Younis A, Alhendawi and-3  
Conference of Natural Resources in Africa.11-12 May 2009. African Institute  
2009. Problems of World's Fresh Water Scarcity. The Second international  
Research and Studies - Cairo University. Egypt.
- .2010.Evaluation of the impact of untreated wastewater on-4- **Abdelhafid A. Moussa**  
The properties of soil and vegetation in the city of El-Bieda – Libya. Minia 2nd  
Conf. Agric. Environ. Sc. Minia University. Egypt.
2012. Assessing two **Abdelhafid .A. Moussa**;Omar A. Mohamed-5  
Resources and water security in the Middle East and Mediterranean Regio  
Jabal Al-Akhdar region, Libya. Annual International Conference Water  
systems of runoff water harvesting in steep slopes and eroded areas in Al -  
During the period of 13-17-May-2012. University of Jordan. Jordan.

**6 -Ibrahim, HusseinAnd Abdul Hafeez Musa**2002. The possibility of optimal exploitation of renewable energy resources in North Africa. The Second International Conference on Natural Resources in Africa on Sustainable Development of Natural Resources in the Nile Basin Countries. 11-12 May 2002. Institute of African Research and Studies. Cairo University, Egypt.

**7 -Al-Hindawi, Ramadan and Younis Al-HindawiAnd Abdul Hafeez Musa.**2002. Water Scarcity in Libya. The Second International Conference on Natural Resources in Africa on Sustainable Development of Natural Resources in the Nile Basin Countries. 11-12 May 2002. Institute of African Research and Studies. Cairo University, Egypt.

**8 - Musa, Abdul Hafeez**And Salma Suleiman.2010. Water Resources Assessment and Development in Libya. Issue 1. Institute of African Research and Studies. Cairo University, Egypt.

**9 - Musa, Abdul Hafeez**Ali Al-Naimi, Abu Ajila Al-Zintani and Mohammed Khalifa.2012. Trends in rainfall and their impact on water resources in the Green Mountain region of Libya. The First Water Conference, entitled "Water Resources and Water Security in the Middle East and Mediterranean Basin," University of Jordan, 13-17 May 2012. Jordan.

**90 -Khalifa, Muhammad AliAnd Abdel Hafeez Musa. 6096.**Evaluation of the efficiency of two water harvesting systems In the sloping areas exposed to erosion in the Green Mountain in Libya, the first water conference was held under the title "Water Resources and Water Security in the Middle East and Mediterranean Basin." The conference was held at the University of Jordan from May 13-17, 2012. Jordan.

**91-Obaidat, Abdul Salam, Abdul Salam Al-MuthannaAnd Abdul Hafeez Musa.** 2013. Assessment of groundwater quality and its environmental impacts in the Wadi Atba area, southwest Libya. "International Conference on Geomatics of the Middle East and North Africa," Yarmouk University. 8-12 April 2013, Jordan.

**96-Al-Hamri, Abdul KarimAnd Abdel Hafeez Musa.**2014. Evaluation of groundwater quality and its suitability for irrigation purposes for some wells in the Wasita and Al-Haniya regions, Libya.

International Journal of planning, urban and sustainable development ISSN  
2052-3408- Vol. 3, Issue 2, 2014.

.2015. REDUCTION IN **A. Mossa**Yousef F. Abdalrahman and Abdelhafid  
**-92** MANAGEMENT AND LAND USE IN LIBYA ALJABAL ALAKHDAR  
SENSITIVITY OF LAND DESERTIFICATION THROUGH LAND  
REGION.

**94-Saad, Alaa Fathy andAbdul Hafeez Musa.**2015. Evaluation of drinking water quality at the Sousse seawater desalination plant in Libya. International Peer-reviewed Journal of Geographical Sciences Publications, Volume 4, Issue 11.

**99- Saad, Alaa Fathy andAbdul Hafeez Musa.** 2015. Evaluation of heavy metals in drinking water in Al-Bayda City, Libya. The Second Environment Conference, Zliten, December 15-17, 2015.

**92-Abdul Mutalib, GabrielAnd Abdel Hafeez Musa**2016. The effect of the mixing process on the quality of drinking water in

Al Marj City, The Fourth Scientific Conference on Environment and Sustainable Development in Arid and Semi-Arid Regions, November 20-22, 2016 - Ajdabiya - Libya.

**92-Abdul Hafeez, Musa**Nasser Mohammed Al-Maslati, on Khalifa Abdul Salam Al-Sakran,2016. Harvest

Water as a means of achieving sustainable development and combating desertification in the Green Mountain region of Libya. The Fourth Scientific Conference on Environment and Sustainable Development in Arid and Semi-Arid Regions will be held from November 20-22, 2016 in Ajdabiya, Libya.

**99-Abdul Hafeez, Musa**and others.2016. Hydrochemical and microbiological study of some water wells

Al-Jawfiya city of Ajdabiya, Libya, the Fourth Scientific Conference on Environment and Sustainable Development in Arid and Semi-Arid Regions, during the period from 20-22 November 2016 - Ajdabiya - Libya.

**91-Abdul Hafeez, Musa**And Hamida Miloud.2017. Effect of irrigation with water of different salinities on plant growth

Arabian peas *Bituminaria bituminosa var-bituminosa* journal of Science, Environment and Engineering.

**60-Abdul Hafeez, Musa**2017. Environmental Impact Assessment of the Oil Industry. The First Scientific Conference on Environmental Protection.

Sustainable development in areas adjacent to oil fields. Higher Institute of Energy Affairs, Ajkhara, Libya. May 21-23.

**69-Abdul Hafeez, Musa**Salah Bouaouina and Younes Ahwij. 2017. Qualitative and quantitative assessment of groundwater.

In the Kufra region, the first scientific conference on the environment and development of desert communities was held in the city of Kufra from September 24-26.

**66-Abdul Hafeez, Musa**And Alaa Ibrahim.2017. Groundwater Quality Assessment for Irrigation in the Dariana Area - Libya,

The Scientific Conference on the Environment held in Benghazi from October 12-17. **62-Abdul Hafeez, Musa.** 2017.

Integrated Water Resources Management: A Challenge for Sustainable Development in Libya.

Scientific Research and Sustainable Development Conference, December 25-27, 2017, Benghazi. **64-Abdul Mutalib, GabrielAnd**

**Abdel Hafeez Musa**2018. Obstacles to the implementation of integrated water resources management.

In the Marj area, the Fifth Scientific Conference on Environment and Sustainable Development in Arid and Semi-Arid Regions will be held from July 23-25, 2018 - Ajdabiya - Libya.

**69-Abdul Hafeez, Musa**Magdy Saleh and Tayeb Al-Farjani. 2021. Integrated Water Resources Management

Achieving sustainable agricultural development and food security in Libya. The Third Agricultural Economics Conference, held in Benghazi from November 22-23.

**62-Habib Fadlallah AbazaAnd Abdel Hafeez Musa**2023. Study of the qualitative characteristics of groundwater.

And its agricultural uses in the Al-Wasita region of the Green Mountain, Libya. The Scientific Conference on Water Resources and Water Security in Libya, May 15-17, 2023, Tripoli, Libya.

## **Supervised master's theses**

**9-Assessment of groundwater quality and its environmental impacts in the Wadi Atba area, southwest Libya** Abdulsalam Mohammed Saleh Obaidat - College of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University. Assistant Supervisor.

**6-Evaluation of drinking water quality at the Sousse seawater desalination plant**  
Alaa Fathy Saad - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.  
Senior Supervisor

### **2-Studies on integrated control of tomato leaf miner On farms Tuta absoluta Organic to reduce pesticide pollution.**

Ahlam Saad Aqoub - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University. Assistant Supervisor

**4-Response of alfalfa seedlings (Hamida Mahmoud Miloud - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University. Principal Supervisor (Bituminaria bituminosa Var. bituminosa) and Arabian pea (Medicago arborea)**

**9-Evaluation of groundwater quality and its suitability for domestic and agricultural purposes in the Wasita area in Jabal Green in Libya.**  
Habib Fadlallah Yusef Abaza - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University. Senior Supervisor.

### **2-Effect of irrigation water mixed with treated wastewater on maize plant growth and its content of Nutrients.**

Munir Ibrahim Al-Haram - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.  
Senior Supervisor

### **2-Effect of wastewater and soil texture on growth and nutrient content of watercress leaves Food**

Asmaa Idris Mansour - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.  
Senior Supervisor

### **9-Heavy metal-resistant bacteria in selected industrial and agricultural areas in the mountain Green and Benghazi.**

Zahra Abdel Mawla Hussein - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.  
Assistant Supervisor

### **1-The effect of irrigation with treated wastewater on the prevalence of parasites in plants lettuce.**

Zakia Khalifa Omar Al-Marhoun - College of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.

### **90- Qualitative and quantitative assessment of groundwater in the Kufra region.**

Younis Abdel-Ati Younis - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.  
Senior Supervisor

11- Study of non-conventional water resources in the city of Derna and evaluation of their quality.

(Case study: Derna seawater desalination plant)

Nasser Abdel Hamid Bouzaheb - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.

Senior Supervisor

12- Evaluation of seawater intrusion into groundwater in the city of Derna

Younis Mohammed Jabry L - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.

Senior Supervisor

## **Master's theses discussed**

**9-**Study and evaluation of the quality of some eyes produced in the Green Mountain region.

Abdul Azim Saeed Ali - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.

**6-**Hydrochemical study to assess the water quality of the Jaghub Depression in the southern part - northeastern Libya Fathi

Idris Mustafa - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.

**2-**Bioaccumulation of some heavy metals in the sewage-discharged snail in the Shahat region

Al-Bayda in the Green Mountain - Libya

Fathi Faraj Abdullah - Department of Environmental Sciences and Engineering, Libyan Academy, Benghazi Branch.

**4-**Quantitative estimation of some heavy metals in the meat and organs of slaughtered cows, goats, sheep and camels

In the Green Mountain region - Libya. 2010

Basma Abdel Karim Abridan - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.

**9-**Environmental impacts of Al-Fatih Cement Factory dust (Derna) on the surrounding environment.2010. Hamza

Haroun Al-Jarah - Faculty of Arts - Department of Geography - University of Benghazi.

**2-**The role of algae in purifying wastewater at Al-Ghariqa station in Al-Bayda city, Libya

Reem Mohammed Al-Shuaib Mohammed Al-Saifat - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.

**2-**Assessment of pollution of some components of the ecosystem around the Zawiya oil refinery.2012. Amal Mohammed

Madi - Faculty of Engineering and Technology / Brak Department of Environmental Sciences - Sebha University.

**9-**Study of plant diversity in Wadi Derna, northeastern Libya.2012 Fatima Badr Abu

Aziza - Faculty of Science, Department of Botany - University of Benghazi.

**1-**Response of different plant receptors to furanone.2012.

Rehab Ibrahim Ahmida Ahmed - Faculty of Science - Department of Botany - University of Benghazi.

**90-** Effect of different concentrations of seawater on the growth of wheat and tomato plants. 2012. Iman Naeem Abdel

Razek - Faculty of Science - Department of Botany - University of Benghazi.

**99-**The possibility of investing in transferring the waters of the Man-Made River to the Tanmelu-Balta area in southern Shada Green Mountain.2013

Mohamed Farag Awad Abbas - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.

**96-**The effect of organic fertilizer (compost) on soil properties and plant growth in barley and beans Maryam Muftah Al-Arafi - Faculty of Science - Department of Botany - University of Benghazi. 2013.

**92-**The effect of salinity on five Libyan wheat varieties during germination and early growth stage And compare the protein content of each variety. 2014

Maryam Muftah Abu Bakr Al-Wafi - Faculty of Science - Department of Botany - University of Benghazi.

**94-**Removing the effect of waterlogging on wheat plants with Pseudomonas bacteria or using ascorbic acid.2014 Amira Khairallah

Mohammed - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.

**99-**Estimation of some heavy elements and hydrocarbons in some algae species as an indicator of pollution in Some beaches of the Green Mountain region - Libya. 2014.

Abeer Mohamed Taher - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University

**92-**Use of leeches of the Limnatus nolitica species collected from fresh spring water in some mountainous areas Green (Libya), and its use as a biological indicator of water pollution. 2015.

Fatima Shaaban Ali Al-Mabrouk - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.

**92-**Ecological study of the Phoenician juniper plant *Juniperus phoenicea* in the Green Mountain area. 2015.

Maryam Majeed Al-Amrouni - Faculty of Science - Department of Botany - University of Benghazi.

**99-**Phytotoxicity evaluation of sludge fertilizer produced from Tobruk wastewater treatment plant.2016. Najwa Ayyad Al-Arafi.

Faculty of Science - Department of Botany - University of Benghazi.

**91-**Risk assessment of some heavy metals on tomato plants.2016. Hanan Ali Al-

Awjali. Faculty of Science - Department of Botany - University of Benghazi.

**60-** Study of heavy metal pollution (lead and cadmium) in leafy vegetable crops in the Green Mountain region, 2017.

Dalal Abdullah Abdelali - College of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.

**69**Environmental Impact Assessment in Light of Engineering Specifications for Oil Refining at Tobruk Refinery 2018.

Shukri Saqr Abdel Salam. Libyan Academy, Benghazi.

**66-** The allelopathic effect of castor oil plant on the germination and growth of seedlings of some local plants 2012. Salmeen

Mohammed Yousef Dandash - College of Engineering and Technology/Barak Al-Shati, Department of Environmental Sciences.

**62-** A hydrochemical and microbial study of some selected springs emanating from the most important water-bearing layers in different eras in the Green Mountain region, 2012.

Asmaa Ashour Rajab Al-Qadi, Faculty of Natural Resources and Environmental Sciences, Omar Al-Mukhtar University.

**64-**Using marine and bottom sediments as an indicator of the environmental condition of the study area (Talmitha-Tokrah) On the eastern coast of Libya. 2012.

Nasreen Idris Mohammed - Faculty of Natural Resources and Environmental Sciences - Omar Al-Mukhtar University.

**69-**Evaluation of the suitability of groundwater for drinking and irrigation purposes in the Marawah-Al Jabal Al Akhdar area.

Amina Taher Ali Al-Mabrouk. 2020.

**62-** Assessment of the nutrient enrichment status of Wadi Al-Hamsa, east of Derna city. 2022. Saleh Mohammed

Jaballah. Faculty of Natural Resources and Environmental Sciences, Omar Al-Mukhtar University.

**69-**Spatial and morphometric analysis and hydrological modeling to estimate the runoff depth of a watershed

Wadi Al-Mamluh - Northeast of Jabal Al-Akhdar - Libya using the SCS-CN Method in conjunction with GIS and 2023 RS data. Ibtisam Mohammed Al-Kateb, Agriculture - Omar Al-Mukhtar University.

**61-**Quality Evaluation of Commercial Desalination Plants and Bottled Water in Benghazi and its Suburbs - Faculty of Engineering

At the University of Benghazi. 2024. Mohammed Hussein Saleh - Faculty of Engineering, University of Benghazi.

**20-**Evaluation of the water quality of some natural springs in the Green Mountain region using the Water Quality Index

Abdul Salam Mohammed Omar Amharab - Libyan Academy - Benghazi Branch. WQI