

Curriculum Vitae

Abdulbari M. Billiad

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QUALIFICATIONS:

PhD Plant and soil science

September 2011

Department of Plant and Soil Sciences, School of Biological Sciences, University of Aberdeen; Aberdeen, UK, 2006 - 2011

M Sc. degree

January 1996

Department of Water and Soil Sciences, Faculty of Agriculture, Al - Fatah University, Tripoli, Libya, 1989 -1995

Research Project: The Application of the Modified Mitscherlich Equation for rain fed wheat production in semi-arid areas.

BSc degree

1984

Department of Soil and Water Sciences, Faculty of Agriculture, Al - Fatah University, Tripoli, Libya, 1981 – 1984

HND

1979

The Tripoli Intermediate School of Soil Sciences, Tripoli, Libya (*Distinction*) 1977 - 1979

WORKEXPERIENCE:

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| Associate Professor , Libyan Academy for Postgraduate Studies. | 2021 – Now |
| Associate Professor , Libyan Universities. Courses taught include Principles of Soil Science, Plant Irrigation, Plant Growth Environments, Fertilisation and Soil Fertility, Report Writing and Technical Communication. | 2015 – Now |
| Committee member and HR Manager , Janzour Municipality, Tripoli, Libya | 2014 – Now |

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| Assistant Professor , Libyan Universities. | 2012 – 2015 |
| Head of Quality Control , the High Institute of Agricultural Techniques, Tripoli, Libya | 2012 - 2013 |
| Senior Lecturer and Head of Soil Department the High Institute of Agricultural Techniques, Tripoli, Libya Courses taught: Principals of plant Sciences, Fertilizers and Soil Fertility, Plant-Soil Relationships. I also taught these courses in a number of other institutes in Libya on a part-time basis. | 2002 – 2005 |
| Member of Scientific Committee , Curriculum Review and Optimisation | 1995 - 2005 |
| Member of Scientific Committee , Curriculum Review and Optimisation | 2001 - 2003 |
| Lecturer The Institute of Agriculture, Tripoli, Libya. Courses taught: Soil Science | 1984 - 1989 |
| Assistant Lecturer The Institute of Agriculture, Tripoli, Libya. | 1979 - 1980 |

I can teach the following subjects: Technical Report Writing, Principles of Soil Science, Plant Nutrition, Soil Fertility, Plant Growing Media, General Botany, Fundamentals of Environmental Science.

TRAINING, Seminars and Conferences attended:

1. International Conference for Science and Technology, Tripoli, Libya 2020.
2. Workshop: Rapid Assessment of Urban Area Development, Tunis, Tunisia, 2018.
3. Organisational Development Strategy Framework for Councils, Hammamet, Tunisia, 2017.
4. Lecturer/Trainer: A series of Technical Report Writing training sessions, Tripoli, Libya, 2015.
5. Future Food Horizons Conference, Cairo, Egypt, 2011.
6. Saline Water Treatment and Uses, Tripoli, Libya, 2004.
7. Training Course: Use of Fertilizers, World Energy Council, Cairo, Egypt, July 2003.
8. Training Course: Uses of Biological Gas (Waste) in Agricultural Applications, Amman, Jordan, 2002.

COMMITTEES AND RESPONSIBILITIES:

1. Head of Department of Environmental and Social Sustainability (ESS), Al-Asima University, Tripoli, Libya, 2021.
2. Chair, Committee of Cooperation between Janzour Municipality and the German Corporation of Collaboration, Tripoli, Libya, 2018.
3. Committee Chair, Urban planning bottlenecks for Janzour Municipality, Tripoli, Libya, 2017 – Now.
4. Committee Chair, Damage Assessment and Documentation, Janzour Municipality, Tripoli, Libya, 2016 – Now.
5. Assigned by the Government of National Accord to assess the performance of the Libyan Academy, Tripoli, Libya, 2017.
6. Committee Chair, Performance Enhancement of the Education Sector in Janzour Municipality, Tripoli, Libya, 2016 – 2017.
7. Member of Janzour Municipality Local Council, responsible for the follow up of the Education Sector, Tripoli, Libya, 2014 - Now.
8. Committee Chair, Human Resources for Janzour Municipality, Tripoli, Libya, 2015 – Now.
9. Member, the Scientific Committee for High Institutes in Jafara Municipality, Tripoli, Libya, 1999 – 2003.
10. Committee Chair, Curriculum for Libyan High Institutes, in collaboration with the United Nations Organisation, Tripoli, Libya, 2001 – 2003.
11. Chair, The Scientific Committee for the High Institute of Agricultural Techniques, Tripoli, Libya, 1999 – 2003.
12. Coordinator, The Committee for the establishment of scientific curriculum for the Faculty of Agriculture, Jafara County, 1999 – 2000.
13. Routine analysis of 15,000 soil samples for the Man-Made River project, Sirte County, 1998.
14. Researcher, Soil analysis for samples from a 33,000-hectare area in Sirte County, 1996 – 1998.
15. Researcher, Agricultural Research Centre, Tripoli, Libya, 1988 – 1994.
16. Analysis of soil samples from Serte basin for the Man-Made River project.

Published Work:

- 1) *Tarhuni, M., Fouda, T. and A. Billaïd*, "Effect of reduced tillage system on Sorghum yield under Libyan conditions" 13th Conference of the Egyptian Society of Agricultural Engineering, 14 -15 Dec. 2005.
- 2) *Abdulbari Billaïd and Adulhafied Allafi*, 2014 "The Effect of pH on Phosphate Availability in Rhizosphere of Tomato genotypes in Alkali Soil" Journal of Academy for Basic and Applied Science(13):1: 2014
- 3) *Abdulbari M. Billaïd , Mohamed M. El-Tarhuni and Khalid M. Shaheen*, 2015 "Phosphorus

behavior in Different Textured Libyan Soils” Journal of Academy for Basic and Applied Science (14):1: 2015

- 4) *Khalid Shaheen and Billaid Abdulbari* 2014 “How does plant (calcium, Sodium and Magnesium) concentration respond to salinity, soil texture and Potassium supply?” Comprehensive Scientific Journal - the first volume
- 5) *Billaid, Abdulbari, and Khalid, M. Shaheen,* 2017 “Experimental Field Evaluation of Two Soil Phosphorus Tests and its relationship to Available Phosphorus in Western Libyan Region” Science and Engineering Journal 3 : 87 – 94
- 6) *Billaid, Abdulbari, and Khalid, M. Shaheen. , Mohamed, M. Tarhuni and Mohamed Jamal, Y. Wafa,* 2017 “ Strategies of Phosphorus Use Efficiency : Rhizosphere – pH Modification” Science and Engineering Journal 3 :95 - 102

MEMBERSHIPS AND INTERESTS:

- Member: The Libyan Plant and Soil Science Society
- Interests: Reading, especially about history and cultures; Travelling.

REFEREES:

1) Professor David Robinson

School of Biological Sciences, University of Aberdeen, Aberdeen AB24 3UU, Scotland
Tel (0)1224 273 662
<http://www.abdn.ac.uk/biologicalsci/staff/details/david.robinson>

2) Dr Mohammed Al-Tarhuni

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