

Circumance Vita

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PERSONAL INFORMATION:

Name: Abdulfatah Faraj Aboufayed
Date of birth: 25/12/1961
Nationality: Libyan
Address: Department of soil and water
Faculty of Agriculture
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Tripoli - Libya
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EDUCATION:

- 1- Secondary school certificate, Scientific departement from Gharian Secondary School in the study year 1978/1979.
- 2- BSc degree in soil and water science in February 1984 with average grade of good, from Soil and Water Dept -Faculty of Agriculture- University of Tripoli.
- 3- MSc degree in soil and water science in 21/10/1991 with average grade of very good, from University of Tripoli. Master's thesis title, Study relation of Libyan soils properties to its erodiability factor.
- 4- PhD degree in Environmental resources management in 2007 from University College Dublin – National university of Ireland .Doctor Philosophy thesis title, Nutrient content in surface and subsurface water flow in limestone.
- 5- Pass the post graduate course in research method organized by the department of statistics University college- National university of Ireland Dublin during 2003/2004 academic year.
- 6- Got the European computer driving license in 2007 from Irish computer society center.

EMPLOYMENT:

- 1- Engineer in general water drilling company from 1984 – 1986 in Tripoli-Libya.
 - 2- Post graduate student in Soil and Water Dept Faculty of Agriculture University of Tripoli. from 1987 - 1991 in Tripoli-Libya.
 - 3- University staff member in Faculty of dry agriculture Eljabell Algerbee University from 1992- 1999 in Zentan-Libya.
 - 4- The head of Dry farming Departement and Head of the faculty staff members union in Faculty of dry agriculture Eljabell Algerbee University from 1992- 1999 in Zentan-Libya.
 - 5- The head of Dry farming Departement and in Faculty of dry agriculture Eljabell Algerbee University from 1992- 1999 in Zentan-Libya.
 - 6- University staff member in Soil and Water Dept- Faculty of Agriculture- University of Tripoli. from 1999 up to date in Tripoli-Libya
 - 7- Post graduate student in Biology and Environment school University College Dublin – National university of Ireland from 2002-2007 in Dublin-Ireland.
- Current position:** Associate professor in Soil and Water department Faculty of agriculture. University of Tripoli.

WORKS AND CHIEVEMENTS:

1-Study relation between some Libyan soil properties and it's soil erodability factor (K), and an equation had been derived to estimate soil erodability factor (K) upon soil properties ($K=-1.0+0.02(vfs)+0.06(fs)+0.1(P)$), ($r=0.91$) 1990.

2-Awarded the First sequence in the scientific research field of the great culture competition over all of the Libya organized by general public committee of culture and media in 1991.

3-Awarded the Forth sequence in the scientific environmental research competition organized by Libyan general environment organization in 1997.

4-Established Soil water erosion station in dry agriculture faculty research station in Zentan in 1995.

5-Evaluate soil erodibility factor by wind for some of Libyan soil in the western zone area of Libya 1996.

6-I had Developed a procedure for estimation of infiltration rates to identified the profile features influenced them 2005 published in Libyan Agriculture Journal As Aboufayed method in measuring infiltration rate to identified the profile features influenced them .

7- Member of scientific national project for climate change study in Libya.

8-Member of scientific council, World Academy of Science , Engineering and Technology.

9-Completing the survey form about Condition of Grasslands Speices used in the Worlds Pasture and Grasslands Systems made by the International Grassland Congress Sydney, Australia.2013.

10- Invented a method for production of fresh water from air, registered as patent in the Industrial Research Center, Tripoli, Libya. 2013.

11- I'm interested in climate change studies and I had prepared a paper in Climate change Indicators in the western region of Libya.

12- Organizer member for Libyan Inventors Association. Tripoli - Libya.

PUBLISHED RESEARCHES:

1-Aboufayed, A.F(1998) Relation of Libyan soils properties to its erodiability factor. Published journal, Arab universities journal of applied science- Libya.vol.1.no.3;40-51.

2- Aboufayed, A.F(1998) Estimation of erodibility factor for some types of Libyan soils using Whischmeier equation {1978}. Accepted to published in the scientific Agriculture Research journal. Name of publisher: Agriculture research center, Libya

3- Aboufayed, A.F(2002) Measurement of the rate of soil erosion by water for three types of Libyan soils. Published in the Environmental journal (2007). no:9;32-37.

4- Aboufayed, A.F(2006) water preservation in the Libyan western zone area between modern and heritage Water and Life journal. no;3;13-15.

5- Aboufayed, A.F., and G,W.Smillie (2006) Nutrient content of surface and subsurface water flow in limestone soil. Agricultural research forum, P;20.

6- Aboufayed, A.F.(2013) ; Organic matter content in the western zone soil of Libya. University Journalof Eljabell Algherbee University.

- 7-**Aboufayed, A.F.(2012) Overland water flow origin and frequency of occurrence and it's Nutrient content. Published by World Academy Of Science, Engineering And Technology. 64;858-871.
- 8-** Aboufayed, A.F.(2012) Nutrient content of Irish rainfall Published in Journal of environmental science and engineering (2012).651-655.
- 9-** Aboufayed, A.F.(2013) Soil moisture content in HillField side slope. Published by World Academy Of Science, Engineering And Technology. 75;1405-1409.
- 10-**Aboufayed, A.F.(2012)Anion content in surface and subsurface water flow rainfall Published in Journal of environmental science and engineering(2013).142-145.
- 11-** Aboufayed, A.F.(2012).Organic Matter content in some of Libyan soil in the westernzone of Libya . Published in University Journal issued by AL-Jabel AL-Gharbi University,1;367-386.
- 12-** Aboufayed, A.F.(2013). Measuring of surface runoff and amount of eroded soil from soil erosion station for two rain fall seasons. Published by World Academy Of Science, Engineering And Technology84;570-573.
- 13-** Aboufayed, A.F.(2013). Impact of oil in soil permeability of water. Published in Al-Ostaath Journal, issued by syndicate of academic staff-University of Tripoli. 5;182-195.
- 14-** Aboufayed, A.F.(2014). Rainfall and Runoff in the westernzone of Libya As Climate Change Indicators. Published by Geotunissia Journal, 2014;1-8.
- 15-** Aboufayed, A.F.(2015). Past, present and future of water in Libya. Published in AL-jameai Journal, issued by General syndicate of the members univrirsity faculty. 21;115.128.
- 16-** Aboufayed, A.F.(2014). Aboufayed method in measuring infiltration rate to identified the profile features influenced them . published in Libyan Agriculture Journal. V,19; No,(1-2);1.9.
- 17-** Aboufayed, A.F.(2016) Leaching of Nitrate from grass land Field in Ireland published in 10th International Rangeland Congress Proceeding Book. Batasford-Canada.16-22 July 2016; Pp 460-461. Organized by a number of related International organization.
- 18-**Aboufayed, A.F(2017) Water potential in HillField side slope in Ireland Published in Journal of Chemical, Environmental and Biological Engineering13-8 :(1)1 ;2017 <http://www.sciencepublishinggroup.com/j/jcebe>
doi: 10.11648/j.jcebe.20170101.12
- 19-** Aboufayed, A.F.(2018) Aboufayed equations for evaluation of some Libyan soil erodibility factor. Journal of Pure & Applied Sciences. JOPAS Vol.17; No.1; Pp 469-477.

PUBLISHED BOOKS:

1- Aboufayed, Abdulfatah. (2019) Book title; Nutrient content of surface and subsurface water flows in grassland in Ireland published by Lambert Academic Publishing Company.

UNPUBLISHED RESEARCHES:

- 1- Determination of the Infiltration rate Using Sprinkler infiltrometer 1984.
- 2- Aboufayed method for simulation of rain fall under laboratory condition 1991.
- 3- Leaching Of Nutrient From Soil columns 2005.

CONFERENCES AND FORUMS PARTICIPATION:

1- Arabic water security Forum. Tripoli, 1993, Libya. Title of research: Water preservation and rainfall harvesting in the arid and semiarid regions in Arabic world. Organized by Libyan agriculture engineering Union Corporation with The Arab Center for the studies of arid zones and dry lands.

2-Arabic food security Forum. Beirut, 1994, Lebanon. Title of research: Agriculture production development in Libya. Organized by Arabic Agricultural Engineering union.

3- Arabic Forum about Technical and economic facility to protect surface and ground water Resources Tripoli, 1999. Libya. Title of research: Water preservation in the western zone of Libya between modern & heritage Arab organization for agricultural development.

4- Participate XX International grassland Congress- a Global Resource. University College Dublin. Dublin – Ireland 26th June- 1st July, 2005.

5- Agricultural research forum in Tullamore-Ireland 2006 Title of research: Nutrient content of surface and subsurface water flow in limestone soil. organized by a number of related Irish societies.

6-International Grassland congress Mongolia China 2008 research title; P & N content of surface and subsurface water flow in limestone soil. organized by a number of related International organization.

7-International conference on land and water degradation Processes and management “COMLAND 2009” Magd berg, Germany. From 7th to 12th September 2009 research title; Nutrient content in Irish rain water. organized by a number of related International organization.

8- International conference on land and water degradation Processes and management “Hydrology Conference 2010” San Diego, USA. From 11th to 13th October 2010 research title; Anion content in surface and subsurface water flow in grassland.

9-International congress Geotunis 2010. Tunisia 29 Nov/3 Dec2010. Research title; Organic matter content in the western zone soil of Libya.

10-1st International Symposium Med Mag Oliva 2012, Monastir – Tunisia 19 -23 February 2012. Research title: Impact of olives oil trees in soil permeability.

11- International conference on Biological and Environmental Science, and Engineering will be held in Venice, Italy during 11-13 April 2012. Research title: Overland water flow origin and frequency of occurrence and its Nutrient content.

12- International conference on Biosystems and agricultural engineering held in Madrid, Spain during 28-29 March, 2013. Research title: Soil moisture content in HillField side slope.

13- National water conference held in Tripoli, Libya during 22-24 October 2013. Two Research papers. First research paper title: Water in Libya past, present and future prediction. The second paper title: Estimate aridity index for some Libyan area in the western zone.

14- International conference on Biological and Environmental Science, and Engineering held in Istanbul, Turkey during 5-6 December 2013. Research title: Measuring of surface runoff and amount of eroded soil from soil erosion station for two rain fall seasons.

15- 8th edition of the international congress GEOTUNIS 2014 held in Hammamet, Tunisia, during 2-6 April 2014. Research title: Rainfall and Runoff in the western region of Libya As Climate change Indicators.

16- 10th International Rangeland Congress. Batasford- Canada. 16-22 July 2016 research title; Leaching of Nitrate from grass land Field in Ireland. Pp 460-461. Organized by a number of related International organization.

17- First International conference on Science and Technology. Libya. 12-14. Feb- 2018 research title; Aboufayed equations for evaluation of some Libyan soil erodibility factor. Organized by Sebha University. Sebha- Libya.

18- Second INTERNATIONAL SCIENTIFIC Conference Applied Geomorphometry, GIS and Remote Sensing in Earth Sciences and Environment HOTEL MONROE Beirut / Lebanon 24 - 27 April 2018 research title; Water potential in HillField side slope in Ireland.

19- Third Food Security Forum. Libya. 14-16 Oct- 2019 research title; TEMPERATURE AS CLIMATE CHANGE INDICATORS AND CROP WATER REQUIREMENT IN THE WESTERN REGION OF LIBYA. Organized by University of Tripoli. Tripoli - Libya.

REFEREES.

Dr. George Smillie PhD Supervisor University college Dublin, Dublin-Ireland.

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Dr. Rajab M El-Asswad. MSc Degree Supervisor Soil and water Dept Faculty of agriculture Al-Fateh University Tripoli-Libya.

Dr. K. A., Suleiman. Soil and water Dept Faculty of agriculture Al-Fateh University Tripoli-Libya.