

CURRICULUM VITA

Ali Ahmed El-kebir



1. *Personal data*

Full name : Ali Ahmed El-kebir
Date & Place of birth : 25/8/1956 Libya
Marital Status : Married
Nationality : Libyan
Mailing Address : Civil Engineering Department, Faculty of Engineering, Tripoli University, Tripoli – Libya.
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2. *Education*

1991 (Ph.D), “Application of Cross-flow Membrane Filtration for Biomass Retention in Aeration Tanks”, Newcastle Upon Tyne University, Newcastle Upon Tyne, England.

1986 (M.Sc.), Mathematical Modeling of Waste Stabilization Ponds”, Newcastle Upon Tyne University, Newcastle Upon Tyne, England.

1980 (B.Sc), (First Professional Degree in Civil Engineering) Civil Engineering Department, Tripoli University, Tripoli, Libya.

3. *Professional Experience*

3.1 *Academic Status*

Present : Associate Professor in Civil Engineering Department, Tripoli University, Tripoli - Libya.

Teaching Undergraduate and Postgraduate Courses in Environmental Engineering.

3.2 *Experience Administrative*

1992 – 1996 Dean of the Faculty of Engineering Al- Jabale El- Garbi University. Jado

1997–2000 General Manger of Technical Affair Department, the Authority for the Utilization of the Jabal Al- Hasouna – Jefara Water Systems of the Great Man – Made River Project, Phase II.

2014- 2016 Head of Water and Environmental Engineering Division in Civil Engineering Department at Tripoli University.

2016- 2018: Head of Postgraduate Division of Civil Engineering Department at Tripoli University (*No. of postgraduate in this department are more than 190 students*)

4. Consultant Experience

1991 – 1997 Part time consultant, Technical Center for Environmental Protection, Tripoli – Libya.

2000-2003 Part time consultant, General Company of Water and Wastewater, Tripoli – Libya

2004- 2006 Member of a Steering Committee of National Program of Water supply & Sewerage systems Project in Libya, responsible for setting design criteria and guidelines, General Peoples Committee for Planning.

2005 - 2006 Privet Consultant to ECOU for “ Evaluation of existing water and wastewater systems of Fezzan region”, Report presented to the Engineering Consulting Office for Utilities (ECOU) as part of study requirement for 3rd Generation Planning Project of Fezzan region (2000- 2025), Tripoli- Libya, 2006.

2006 – 2008 Privet Consultant to ROAU for “ Evaluation of existing water and wastewater systems of Elkhlej region” , Report presented to the Consulting and Research Office - Alfateh University (ROAU) as part of study requirement for 3rd Generation Planning Project of Elkhlej region (2000- 2025) , Tripoli- Libya, 2008

2004- 2008 Part time consultant, The General Peoples Committee For Truism, Technical and Planning Guidelines for Truism investors were developed , Tripoli – Libya.

2005- 2009 Part time consultant, The authority for Implementation of Housing and Utilities Projects (HIB) , Tripoli – Libya.

2007- 2009 Member of a Steering Committee for Infrastructure Design Revision of Small and Large Libyan Settlements, Project between Housing Infrastructure Board (HIB) and Consulting and Research Office - Tripoli University, Tripoli- Libya.

2009- 2010 Member of a Technical Steering Committee for Review and Evaluate the Proposed Solid Waste Management Master Plans for Libya, A memorandums of understanding concluded between the Ministry of Utilities (previously called The General People's Committee for Utilities) and International Companies specialized in this activity.

20012- 20014 Part time consultant, to the Ministry of Housing and Utilities and member of Steering Committee revising and setting guidelines for Master Plan for Tripoli, and Bengazi Infrastructure Utilities

2003 – 2018 Designing many water and wastewater systems for many cities in Libya such as (WAZEN City, Ain-Algzala City (2003), and Al-Americia City, and El- Maamura City in Ejfara Shabiah (2004) and at Beer Alganme City in Ezawia Shabiah, (2004). Design of Water Supply Transportation Systems for Sabha city (2012). Design of Water Supply Transportation Systems for six cities in Jabal Nufusa (Yfran, Alryayna, Alzntan, Arujban, Jado, Alrhybat) (2016). Design of many

plumping systems for different types of buildings. Design of Sabha sewer force main (2018) UNDP sponsored project.

2018- 2019 Senior consultant at Alkasba Engineering Consultant Company participated in preparing a technical report on "Assessment of Libya's Water Supply Institutions" a project owned by the UNICEF and executed by Alkasba Engineering Consultant Company, Tripoli - Libya

5. Publications

A. El-kebir, "Applications of Crossflow Membrane Filtration for Retention of high biomass in Activated sludge treatment", Paper Presents in Conference on Environmental Protection, Sabha – Libya 1990.

Ali, M. K., El-kebir, A. A., " Environmental Effect on Coastal Low – Rise RC Building and Repair Techniques" International Exhibition and Conference for Building and Construction, Arabian Group for Development (AGD), Cairo Egypt, June, 1999.

S. Crawhurst, A. A. El-kebir, "Environmental Impact study of Rehabilitation of the Old City of Ghadames", Report presented to the Office of Project Services of United Nations, UNDP- Tripoli- Libya, December 2000.

G. El-Arbash, A. El Rabti, A. El-kabir and M. K. Elghuel, "Water Supply Situation and National Water Strategy for Libya", Paper presented in 22nd Arabic Engineers Conference, Tunis, Tunisia, 17- 19April 2001.

bufayed and A. A. ELkebir " Municipal Water Management practices in Libya", L ETAT Des Ressources en Enu Au MANGHREB EN 2009, UNESCO office in Rabat Cluster office for the MAGHREB, Edite par GEB- ENviroment.com, Publie au MOROC, ISBN: 978-9954-8068-3-0

A.bufayed and A. A. ELkebir " Municipal Wastewater Management practices in Libya", L ETAT Des Ressources en Enu Au MANGHREB EN 2009, UNESCO office in Rabat Cluster office for the MAGHREB, Edite par GEB- Enviroment.com, Publie au MOROC, ISBN: 978-9954-8068-3-0

A ELkebir, Elgdafi M. D. and Abdelmoti K.," Wastewater Treatment in Libya: Status and Challenges", Paper Presented in Workshop on Appropriate Technologies for Wastewater Treatment in Libya, Tripoli – Libya, 28-29 July 2010 .

A. Elkebir, R. Shugman, and M. AIGledi, "Solid Waste Management in the City of Tripoli, Libya" Workshop on Libya Reconstruction, a Future Vision, Tajoura, Libya, Jan. 2012

El-Gendy, T. A. Abd El-Razek, A.A. Elkebir and A. Mahdawe "Physico-Chemical Treatment of Liquid Waste from Inorganic Laboratories" J. Environmental Sci., Institute of Environmental studies and Research- Ain Shams University, Caro- Egypt. Jun. 2014.

A.A. bufayed and A.A. Elkebir " Energy Potential of Municipal Solid Waste Generated in the Greater Tripoli Region, Libya", international Institute of Engineers, Dubai, May 22- 23, 2015.

A.A. bufayed and A.A. Elkebir, M. A. Alsusi & Y. Gadah " Water Reuse for Green Areas in Tripoli –Libya" Paper Presented in National Water Conference , Tripoli – Libya, 2015.

W. Hwaidi and A. A. Elkebir, "Produced Water Management in Gialo 59E Field", Paper Presented in ICCPGE Conference , Al- Mergib University , Alkhoms – Libya, 2016.

Salah H. A. Saleh, Mohamed Alsharif, Ali Ahmed Elkebir, and Edawi Wheida, "Preliminary Estimation of Spatial and Temporal Synchronization of Water Demands in the City of Tripoli", Modern Environmental Science and Engineering (ISSN 2333-2581) , January 2020, Volume 6, No. 1, pp. 173-179

M. Alsaad, A.A. bufayed and A.A. Elkebir, "Estimation of Emergency Water Storage Capacity for the Metropolitan Area of Tripoli in 2030", Paper presented in the Paper presented in the Journal of engineering Research, University of Tripoli, Tripoli – Libya , Sep. 1- 12, 2020. .

Ali ElKebir, Mosadek AlSaid, Dunia Badi, and Alaa Hammouda, " Potable Water Storage Capacity evaluation In The Meteropolitan Area of ", Paper presented in the Journal of engineering Research, University of Tripoli, Tripoli – Libya , Sep. 15- 22, 2020.

6. Training & Workshops

Attend Regional Training Course on Practical Control of Eutrophication of lakes and Reservoirs Organized by UNEP, Nairobi, Kenya, 11-22 October 1993.

Participate in First Regional Workshop of climate Impact and Response strategies network of Africa, Organized Jointly by UNEP and the African Center for Meteorological Application for Development, 11-14 July 1995, Niamey, Niger.

Participate in regional workshop on water utility partnership (WUP) in Africa, A project on performance indicator and benchmarking organized by World Bank institute (WBI) and the union of African water suppliers (UAWS), 10 – 11 January 2002, Tunis, Tunisia

Participate in local workshop on IEMA Approved Advanced Environmental Management Systems (EMS) Auditor course for both Quality and Environmental Professionals, organized by BSI management Systems, 12- 16 March 2006. Soosa-Libya.

Participate in workshop on Integrated Water Resources Management, IWRM, organized by Arab Administrative Development Organization, 12-15 July 2010, Casablanca – Morocco.

7. Languages

Arabic, English – Reading / Writing / Speaking / Good.

8. Professional Fields Interest

Water Resource Management, Water and Wastewater Treatment Technologies, Environmental Impacts Assessment, Environmental Management Systems, Integrated Solid Waste Management, Training and institution building capacity .