

## A Mentor's Profile

MENTOR's commitment continues to be toward creating a page that is inclusive of and supports all people of South Africa, Africa in general, and beyond. With a target for mentoring 100 persons in Engineering, Business and Life around the continent, we see the transformative power when all young people at a more productive and hopeful world.

It is my intent to provide professional assistance to young professional (mentees) to achieving and demonstrating the levels of professional competency needed for professional growth.

Who am I:

I am also a professional civil engineer and registered mentor. My life journey is incarnates "from Cairo To Cape". I have been involved in the design, supervision, coordination and management of various types of strategic infrastructure projects. In the earlier part of his career, I have started my career as structural engineer for different consulting engineering firms. At young age I was awarded a commendation by the institute of Structural engineers, UK.

Throughout his experience and exposure to contract law and understanding of FIDIC Conditions of Contract, as well as quantification of the civil/infrastructure works, I have been able to administer different contracts agreements, contract documentations, tender evaluations, etc. In addition, I am an engineering forensic auditor working on investigating of corrupt practices in projects.

I have more than 29 years overall experience; specializing in civil engineering; in the planning, engineering design and construction monitoring of infrastructural projects. I have acquired the following degrees in due course of my career:

Doctorate of Civil Engineering (2012) – Civil Eng. - at the University of Johannesburg, South Africa

Master of Science Civil Engineering (2005) – Civil Eng. - at the Witwatersrand University – South Africa

Post Graduate Study Civil Engineering (1989) – Structures -at the Ain Shams University, Cairo, Egypt

Bachelor of Science Civil Engineering (1988)- Structures- at the Ain Shams University, Cairo, Egypt

Since 2015, I am the chairman of the Management and Institutional Affairs Division of the Water Institute of Southern Africa (WISA). His area of expertise, as his doctoral dissertation, is in Water and Infrastructure Economics; National and Institution Governance impact of Engineering Industry, and Management and Engineering efficiency determination using Fuzzy Logic and artificial intelligence and configuration and management of Public Private Partnership initiatives for Infrastructure Development.

I was lucky enough to spend most of my professional life working in Africa, the *Mystical Continent*. I was born in its North Eastern Corner (Egypt), married to a beautiful Berbarian lady from the Western

North Corner (Morocco), had half of my kids while working at its middle belt (West Africa) and the other half while residing at the bottom tip (South Africa).

I am a member of the following professional bodies:

- 🏠 Engineering Council of South Africa (ECSA)
- 🏠 South African Institution of Civil Engineering (SAICE,RSA)
- 🏠 Water Institute of Southern Africa (WISA, RSA)
- 🏠 Institute of Municipal Engineers of South Africa (IMESA).
- 🏠 American Society of Civil Engineers (ASCE)
- 🏠 American Water Works Association (AWWA, USA)
- 🏠 Association of Consulting Engineers of Egypt – FIDIC Member (Egypt)
- 🏠 Council for the Regulation of Engineer in Nigeria (COREN)
- 🏠 Nigerian Society of Engineers (NSE)
- 🏠 Association of Consulting Engineers of Nigeria – FIDIC Member
- 🏠 Cost Engineering Association of South Africa (CEASA,RSA)
- 🏠 Egyptian Syndicate of Engineers (ESE)
- 🏠 Institute Of Directors (IOD)
- 🏠 International Water Association (IWA, UK)
- 🏠 Associate Member Association Of Arbitrators (RSA)

You may like to know me more through these links:

- [http://www.myvirtualpaper.com/doc/brookepatrick/the\\_civil\\_engineering\\_contractor\\_september\\_2013/2013082701/82.html#82](http://www.myvirtualpaper.com/doc/brookepatrick/the_civil_engineering_contractor_september_2013/2013082701/82.html#82)
- <https://www.constructionnews.co.uk/home/20sep91-uk-1991-engineers-international-design-competition-results-announced/1708792.article>
- <http://www.opportunityonline.co.za/articles/water-17468.html>
- <https://www.cbn.co.za/manufacturing/water-management/escalating-prices-just-one-risk-of-water-scarcity-for-business>
- [https://issuu.com/glen.t/docs/imiesa\\_february\\_2017lr](https://issuu.com/glen.t/docs/imiesa_february_2017lr) pg 24-25
- <https://mg.co.za/article/2009-11-27-southern-cape-water-crisis-looms>
- [https://www.researchgate.net/publication/245098986\\_Field\\_application\\_of\\_a\\_finite-element\\_water-quality\\_model\\_to\\_a\\_coal\\_seam\\_with\\_UCG\\_burns](https://www.researchgate.net/publication/245098986_Field_application_of_a_finite-element_water-quality_model_to_a_coal_seam_with_UCG_burns)
- <https://www.engerati.com/sites/default/files/11h45%20Eldidy%20Wed%20Water.pdf>
- <http://wiredspace.wits.ac.za/bitstream/handle/10539/5325/MSc%20Research%20%E2%80%93%20Eldidy%202005.pdf?sequence=1>
- <https://www.linkedin.com/pulse/infrastructure-democracy-part-1-nezar-eldidy>
- <http://wiredspace.wits.ac.za/bitstream/handle/10539/5325/MSc%20Research%20%E2%80%93%20Eldidy%202005.pdf?sequence=1>
- <https://mg.co.za/article/2014-03-27-averting-water-load-shedding>
- <http://ascelibrary.org/doi/book/10.1061/9780784410363>

- <http://www.ewisa.co.za/misc/WISAConf/wisa2012/Abstracts.pdf>
- [http://archive.arabwaterweek.com/UploadFile/Presentations/242201335381En1\\_%20Nezar%20Aldidy.pdf](http://archive.arabwaterweek.com/UploadFile/Presentations/242201335381En1_%20Nezar%20Aldidy.pdf)
- <http://www.genesis-analytics.com/uploads/Water-Sanitation-Article.pdf>
- [https://c.ymcdn.com/sites/www.iodsa.co.za/resource/collection/4B905E82-99EB-48B1-BCDA-F63F37069065/loDSA\\_SDF\\_Water\\_Scarcity\\_Report.pdf](https://c.ymcdn.com/sites/www.iodsa.co.za/resource/collection/4B905E82-99EB-48B1-BCDA-F63F37069065/loDSA_SDF_Water_Scarcity_Report.pdf)
- [https://ujcontent.uj.ac.za/vital/access/manager/Repository/uj:7361;jsessionid=C031DBA9BF53813FA052DFAD6B13E877?f0=sm\\_creator%3A%22Eldidy%2C+Nezar+Abdelfattah+Mohamed%22](https://ujcontent.uj.ac.za/vital/access/manager/Repository/uj:7361;jsessionid=C031DBA9BF53813FA052DFAD6B13E877?f0=sm_creator%3A%22Eldidy%2C+Nezar+Abdelfattah+Mohamed%22)
- <http://www.terrapinn.com/exhibition/water-africa/speakers.stm>
- <http://www.sancold.org.za/index.php/activities/icold-and-sancold>
- [http://www.zhvillimiurban.gov.al/files/pages\\_files/SHOQERI\\_QE\\_DISPONOJNE\\_LICENCE\\_TE\\_VLEFSHME\\_PER\\_STUDIM\\_E\\_PROJEKTIM\\_NE\\_NDERTIM\\_perditesim\\_Maj\\_2015.pdf](http://www.zhvillimiurban.gov.al/files/pages_files/SHOQERI_QE_DISPONOJNE_LICENCE_TE_VLEFSHME_PER_STUDIM_E_PROJEKTIM_NE_NDERTIM_perditesim_Maj_2015.pdf)
- <http://www.swslc-yemen.com.ye/info/Arab%20Water%20Week%202013%20conference%20proceedings.pdf>
- <http://www.pdftelechargers.com/gratuite/using-fuzzy-logic>
- [http://worldwatercongress.org/wp-content/uploads/2016/09/WWCE2016\\_Brisbane\\_Delegate\\_List\\_300816.pdf](http://worldwatercongress.org/wp-content/uploads/2016/09/WWCE2016_Brisbane_Delegate_List_300816.pdf)
- <http://booksreadingathome.com/downloads/public-private-partnerships-in-a-changing-environment.pdf>
- [http://www.myvirtualpaper.com/doc/brookepatrick/the\\_civil\\_engineering\\_contractor\\_september\\_2013/2013082701/82.html#82](http://www.myvirtualpaper.com/doc/brookepatrick/the_civil_engineering_contractor_september_2013/2013082701/82.html#82)