CURRICULUM VITAE

جامعة الأزهر
Al-Azhar University-Gaza

Dr Adnan M. Aish

Last Update:31/10/2017

PERSONAL DETAILS

Date Of Birth	3/10/1964	**Place Of Birth**	Gaza
Nationality	Palestinian		
Martial Status	maried	**Gender**	Male
Designation			
Department	Geology department		
Faculty	Science		
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ACADEMIC QUALIFICATIONS

(YEAR ,QUALIFICATION ,INSTITUTION ,TITLE)

2004	Doctoral Degree, PHD,Vrije University Brussels, Belgium (Hydrogeological Study and Artificial Recharge Modelling of the Gaza Coastal Aquifer Using GIS and MODFLOW)
2000	Master Degree, MSC,Vrije University Brussels, Belgium (Nitrate Pollution and Contaminant Transport to Groundwater Resources)
1991	Bachelor Degree, BSC,University of Zagreb - Croatian (Bachelor of Science in Mining Major in Geotechnics)

ADMINISTRATIVE DUTIES

(START_DATE - END_DATE , ROLE ,LEVEL)

2007 ,2007	Assistant Dean of Development and International Cooperation ,University
2007 ,2008	Head of Geology Department ,Department
2008 ,2009	Head of Quality Unit, Academic Affairs ,University
2009 ,2010	Head of Geology Department ,Department
2010 ,2015	Director, Institute of Water & Environment ,University

AREAS OF EXPERTISE

(AREA)

GIS , Groundwater Modeling , Hydrogeology , Water Quality ,

SELECTED PUBLICATIONS

- (Book \ Chapter in Book)

1 () . , ,

- Article in Academic Journal

1. Hossam A. Zaqoot, Adnan M. Aish, Hisham N. Wafi (2017) . Baseline Concentration of Heavy Metals in Fish Collected from Gaza Fishing Harbor in the Mediterranean Sea along Gaza Coast, Palestine, Turkish Journal of Fisheries and Aquatic Sciences ,17 () ,101-109. (ISI Cited Publication)
2. Salem S. Gharbiaa, Adnan Aish, Thaer Abushbak, Ghassan Qishawib, Izz Al- Shawab, Abdalkarim Gharbiac, Martina Zelenakovae, Laurence Gilla, Francesco Pillaa (2016) . Evaluation of wastewater post-treatment options for reuse purposes in the agricultural sector under rural development conditions,Journal of Water Process Engineering ,9 () ,111–122. (ISI Cited Publication)
3. Abdalkarim S. Gharbia, Salem S. Gharbia, Thaer Abushbak, Hisham Wafi, Adnan Aish, Martina Zelenakova, Francesco Pilla (2016) . Groundwater Quality Evaluation Using GIS Based Geostatistical Algorithms
,Journal of Geoscience and Environment Protection,4() , 89-103. (ISI Cited Publication)
4. Elmanama AbdelraoufA., Hartemann Philippe, Elnabris Kamal J., Ayesh Adnan, Afifi Samir, Elfara Fatma, Aljubb Alaa R. (2016) . Antimicrobial resistance of Staphylococcus aureus, fecal streptococci, Enterobacteriaceae and Pseudomonas aeruginosa isolated from the coastal water of the Gaza strip-Palestine,THE INTERNATIONAL ARABIC JOURNAL OF ANTIMICROBIAL AGENTS,6 () ,1-13. (ISI Cited Publication)
5. Adnan M. Aish , HossamA. Zaqoot, Samaher M. Abdeljawad (2015) . Artificial neural network approach for predicting reverse osmosis
desalination plants performance in the Gaza Strip
,Desalination,367 () ,240–247. (ISI Cited Publication)
6. Gharbia S., Aish A., Pilla F., and Gharbia A., (2015) . Projection of future climate by multi-model median approach under GIS environment along the Gaza Strip, Palestine.,Journal of Environment and Earth Science,,Vol.5,(No.3,) ,pp 94-105.. (ISI Cited Publication)
7. Gharbia S., Aish A., and Pilla F., (2015) . Impacts of climate change on a spatially distributed water balance in the Gaza Strip, Palestine,Journal of Environment and Earth Science,Vol.5,.(No.4,) , pp 76-92. (ISI Cited Publication)
8. Gharbia S., Aish A., and Pilla F., (2015) . Modelling potential impacts of climate change on groundwater of the Gaza coastal aquifer from ensemble of global climate model projections. ,Civil and Environmental Research,,Vol.7,(No.2,) ,pp 44-61.. (ISI Cited Publication)
9. Aish A., Abushbak Th., and El-Nakhala M., (2014) . Investigation of the fate of MSW leachate in different soil types using soil column method.,Journal of Environment and Earth Science,,Vol.4,(No.4,) ,pp 72-80. (ISI Cited Publication)
10. Aish A., Abushbak Th., and El-Nakhala M., (2014) . Characterizations of municipal solid waste leachate using column experiments – under semi-arid conditions.,Journal of Natural Sciences Research,,Vol.4,(No.9,) ,pp 50-55.. (ISI Cited Publication)
11. Aish A., (2014) . Estimation of water balance components in the Gaza Strip with GIS based WetSpass model.,Civil and Environmental Research,,Vol.6,(No.11,) , pp 77-85.. (ISI Cited Publication)
12. Bashir A., and Aish A., (2013) . Bacteriological quality evaluation of bottled water sold in the Gaza Strip, Palestine.,International Water Technology Journal,,Vol. 3(No. 1,) ,pp 13-21. (ISI Cited Publication)
13. Aish A., (2013) . Drinking water quality assessment of the Middle Governorate in the Gaza Strip, Palestine.,Water Resources and Industry,,Volume 4,() ,pp 13–20.. (ISI Cited Publication)
14. Zaineldeen U., and Aish A., (2012) . Geology, geomorphology and hydrology of the Wadi Gaza catchment, Gaza Strip, Palestine. ,Journal of African Earth Sciences,,volume 76,() ,pp 1-7. (ISI Cited Publication)
15. Hamada M., Aish A., and Shahwan M., (2011) . Potential of phosphorus pollution in the soil of the northern Gaza Strip, Palestine.,Agrivita,,volume 33(No. 3,) ,pp 298-307. (ISI Cited Publication)

16 Aish A., (2010) . Simulation of groundwater mound resulting from proposed artificial recharge of treated sewage effluent. Cass study-Gaza waste water treatment plant, Palestine.,Geologia Croatia,,63(1) ,pp53-59.. (ISI Cited Publication)

17 Aish A., Batelaan O., and De Smedt F., (2009) . Distributed recharge estimation for groundwater modeling using WetSpass Model, case study - Gaza Strip, Palestine.,Arabian Journal for Science and Engineering,35(No.1B) ,pp 154-163.. (ISI Cited Publication)

18 Aish, A., Volume 20, Earth Science Series, (2006) . Potential application of rainwater harvesting in the Gaza Strip.,Middle East Research Center, Ain Shams University, Earth Science Series,,() ,pp 20-28. (ISI Cited Publication)

19 Samaher M. Abdeljawad, Hossam A. Zaqoot and Adnan M. Aish (2016) . Evaluation of Small and Large Scale Reverse Osmosis Desalination Plants Performance in the Gaza Strip During 2013 ,Nature Environment and Pollution Technology.,15 () ,693-699. (ISI Cited Publication)

- Proceedings

1 Adnan Aish Yosor Al-Atrash , Mazen AbuQamar (2017) . The impact of climate change on child health-in Gaza strip, Palestine,1ST International Conference On Climate Change Palestine,8-9 May,Ramallah,146 -152. (ISI Cited Publication)

2 Abushbak TH. H., and Aish A., (2009) . Water quality improvement in sandy soil during soil aquifer treatment.,2nd International Conference: Water Values and Rights,Ramallah,, pp 5:684-695.. (ISI Cited Publication)

3 Aish A., (2006) . Hydrogeological study and artificial recharge modeling of the Gaza coastal aquifer.,6th international conference on the geology of the Middle East,,Al-Ain, United Arab Emirate, March, 20-23,,. (ISI Cited Publication)

TEACHING

(LEVEL ,COURSE)

First Degree

* Water quality
* Water Resources Management
* Hydrogeology
* GIS
* Groundwater Modeling
* Well Drilling and Operation

Post Graduate

* Groundwater modeling and GIS
* Applied Hydrology