



Sami Zaki mohamed sami

Researcher

<p>PERSONAL INFORMATION</p>	<p>Full Name: Affiliations: Address: Mobile No.: E-mail: Important links:</p>	<p>Sami Zaki Mohamed Sami Researcher 10, Safwat Mansour St., Cleopatra Hamamat, Alexandria, Egypt +201001516711 eng.sami87@gmail.com https://www.researchgate.net/profile/Sami_Mohamed2</p>
<p>EDUCATION</p>	<p>PhD Soil and Water Science, Soil and Water Science Department, Faculty of Agriculture, Alexandria University, February, 2014 –March. 2019. Thesis title: <i>Assessment of Land Resources for Sustainable Coastal Integrated Planning in Al-Alamain – Ras El-Hekma Area.</i></p> <p>MSc Integrated Planning For Rural Development and Environmental Management, The Mediterranean Agronomic Institute of Zaragoza, Spain, 4 October 2010 – 29 July 2012.</p> <p>Diploma project: <i>Integrated Plan of the Rural Development in Area under the influence of OPEL Spain” 2011.</i> Thesis title: <i>Spatial and Temporal Comparison of Different Vegetation Indices and Satellite Datasets In the Iberian Peninsula: SPOT –NDVI and MODIS –NDVI and –EVI.</i></p> <p>B.Sc. Soil and Water Science, Soil and Water Science Department, Faculty of Agriculture, Alexandria University, Egypt. September 2004 –June 2008 <input checked="" type="checkbox"/> Young Master Program online course on Preventive Environmental Strategies ahead of the Global Environmental Youth Convention, Organized by International Institute for Industrial Environmental Economics "IIIEE" at Lund University, Sweden and Bibliotheca Alexandrina, Sep. 2005 – Sep. 2006.</p>	
<p>ACTIVITIES</p>	<p>Scientific Activities</p> <ul style="list-style-type: none"> • Researcher and GIS analyst in the Impact of Climate Change on Olive Production in Egypt Project, Organized by Soil and Water Science Department, Faculty of Agriculture, Alexandria University and FAO, Jan. 2019 – Nov. 2019. 	

	<ul style="list-style-type: none"> • Researcher in the PHC 2017 Imhotep Mareotis – Study of Biodegradation of Organic Pollutants According to The Sediment Redox Potential of Mariout Lake Project – Science and Technology Development Fund (STDF) joint project between Egypt and France, 2017 – 2018. • Researcher in the Environmental Assessment of Drainage Water Quality Used for Irrigation Project: A case study of Bahr El-Baqar Agriculture lands, Organized by the Arid Lands Cultivation Research institute (ALCRI) and the Integrated Water and Land Management and Ecosystems Program, International Center for Agriculture Research in The Dry Areas (ICARDA), 2017. • Team member in the Geographic Distribution of Breast Cancer in Alexandria project, Organized by Alexandria University, 2015. • Team member in the Baseline measurement study on: Geomorphology, Soil Description, Geology, Hydrology, Climatic conditions, and History of Earthquakes, in El-Seyouf site, Alexandria Governorate and Damanhour site, Behira Governorate for the Development of a new Electrical power plant, 2015. • Team member of the project "Assessment of Potential Climate Change Impact on Nile Delta and Developing Adaptation Strategies" project, 2010 - 2011. • GIS and Land Resources Management Expert in the Costal & Regional Development in the North Cost, Ras El-Hekma October, 2009 - 2010.
	<p>Admirative Activities N/A</p>
	<p>Extra-curriculum Activities</p> <ul style="list-style-type: none"> • Head of judging panel of the National Science and Engineering Fair “Blastoff”, 2016, 2017, 2018, 2019 and 2020. Organized by the Ministry of Education, Nile University and the Egyptian Japanese University (EJUST), Egypt. • Jury member in the International Science and Engineering Fair (Intel ISEF) Cairo round, February 2017, organized by Ministry of Education, Ministry of Youth & Sports, Bibliotheca Alexandrina and USAID. • Jury member in the International Biology Olympiad, 2016, Hanoi, Vietnam. The Egyptian team collected BRONZE medal, and 2019, Szeged, Hungary. • Head of juries and technical committee of the Egyptian Biology Olympiad, 2015 and 2016, Organized by Ideas Gym, Ministry of Education and Nile University. • Judging committee member in the National Science and Engineering Fair “Blastoff”, 2015. Organized by the Ministry of Education, Nile University, Egypt. • Lecturer of scientific researches concepts, methods and planning for mentors and teachers in the Exploratory Centers and Cities of Science and Technology.

	<ul style="list-style-type: none"> • Lecturer of scientific researches concepts, methods and planning for high schools students in the Exploratory Centers and Cities of Science and Technology. • Jury and Observer in the International Biology Olympiad, 2015, Aarhus, Denmark. • Lecturer of GIS for Pest Control and Management in Muscat Municipality, Sultanat OMAN, 30 Sep – 18 Oct. 2013. • Teacher (Supervisor) in the Young Masters For Sustainable Development, Organized by the International Institute for Industrial Environmental Economics "IIIEE" at Lund University, Sweden and Bibliotheca Alexandrian, 2007 – 2009.
GRANTS & AWARDS	<p>Awards</p> <p>Second place "Runner-up" over the Arab countries for food and agriculture projects, 2007. The Arab Environmental Youth Convention, Organized by Bibliotheca Alexandrina.</p>
LIST OF PUBLICATIONS	<ul style="list-style-type: none"> • Elbana, M., Emran, M., Eman H. El-Gamal, Mohamed, S.Z., Rashad, M., 2020. Negative Impacts of Improper Long-Term Irrigation Using Treated Wastewater on Soil and Vegetation Performance: Case Study in Bahr El-Baqar Drain, Egypt. <i>EC Agriculture</i>, 6, pp.17-30. • Mohamed, S.Z., Bahnassy, M., Gaber, H. and Darwish, K.M., 2018. Comparative Study of Landform Mapping Using Terrain Attributes and Topographic Position Index (TPI): a Case Study in Al-Alamien–Ras El-Hekma Region, Egypt. <i>Alexandria Science Exchange Journal</i>, 39(OCTOBER-DECEMBER), pp.596-605. • Darwish, K.M., Rashad, M., Mohamed, S.Z. and Gad, A., 2015. Spatial distribution analysis of soil variables for agronomic development in El-Omayed Area, North-Coastal of Egypt. <i>Environmental earth sciences</i>, 74(1), pp.889-901. • Osama Moharam, Sami Zaki, Lake Mariout Past, Present and Future, <i>LAP LAMPART academic publishing</i>, 2011. Print.