

PERSONAL INFORMATION



RANIA EL-SAYED ABD EL-BAKY EL-SAYED



35 Masjed El-Rahma st., Abu Youssef, El
Agamy, Alexandria, Egypt.



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Rania.abdelbaky@yahoo.com

rania_eng@kma.edu.eg

Sex Female | **Date of birth** 01/01/1983 | **Nationality** Egyptian

WORK EXPERIENCE

(2005-2006) Teaching Assistant

Faculty of Engineering, Alexandria University, Egypt

- Teaching at Irrigation Engineering and Hydraulics, Civil Engineering Department.

(2007-2012) Civil Engineer

Civil Engineer at Mimary Group Company

(2012-2019) Assistant Lecturer

Higher Institute of Engineering and Technology - King Mariout

Assistant Lecturer at Civil Engineering Department.

(2020- present) Lecturer

Higher Institute of Engineering and Technology - King Mariout

EDUCATION AND TRAINING

(2020) Doctor of Philosophy Degree (Ph.D.)

Alexandria University, Egypt.

Irrigation Engineering and Hydraulics , Civil Engineering Department

Thesis Title: " Integrated Modelling of Water Balance and Hydraulics of Lakes "

(2011) Master Degree (M.Sc.)

Alexandria University, Egypt.

Irrigation Engineering and Hydraulics , Civil Engineering Department.

Thesis Title: " Optimal Design of Composite Open Channels using Genetic Algorithms"

(2005) Bachelor Degree (B.Sc.)

Alexandria University, Egypt.

Civil Engineering Department.

LANGUAGE SKILLS

**MOTHER
TONGUE(S)**

Arabic

**OTHER
LANGUAGE(S)**

English

IELTS (Academic Certificate) score			
LISTENING	READING	SPEAKING	WRITING
5.5	5.5	5.5	5

PUBLICATIONS

2019	[1] Rania Abd-El-Baky, Mohamed Abd-El-Mooty. "Groundwater Hydraulics, Computing Groundwater Inflow/outflow at Lake Qarun, Egypt." Proceedings of the International Symposium on Managed Aquifer Recharge (May 2019). (ISMAR 10) in Madrid, Spain.
2020	[2] Rania Abd-El-Baky, Rawya Kansoh, Mohamed Abd-El-Mooty, "Computing the Water Budget Components for Lakes by Using Meteorological Data" Civil Engineering Journal , Vol. 6, No. 7, July, 2020.
2022	[3] Rania Abd-El-Baky ," <u>Regional Water Resources Management-Lake Qarun Restoration, Egypt</u> ".ERJ. Engineering Research Journal 45 (3), 413-420.
2023	[4] Rania Abd-El-Baky ," <u>Developed Computational Methodology for the Most Effective Design of Open Channel</u> ". Journal of Civil Engineering and Construction, 2023.
2025	[5] Rania Abd-El-Baky ," <u>Integrated Resource Management Policy of Wetland between Threat, Conservation, and Wise Use</u> ".ERJ. Engineering Research Journal ,2024.