

## Curriculum Vitae



**Dr. Eng. Ragab Rabeiy**

**Associate Professor at**

**Faculty of Engineering, Assiut University, Egypt**

- Name:** - Ragab ElSayed Rabeiy ElSayed  
**Birthday:** - 18 – 9 - 1973  
**Address:** - Department of Mining and Metallurgical Engineering, Faculty of Engineering, Assiut University, Egypt  
**Citizenship:** - Egyptian  
**Language:** - Arabic (Mother language), English (very good), German (a little bit)  
**Email:** - [r\\_rabeiy@yahoo.com](mailto:r_rabeiy@yahoo.com) - [rrabeiy@aun.edu.eg](mailto:rrabeiy@aun.edu.eg)  
**Tel:** - 002-01125655581  
**Marital Status:** - Marriage and have four children

### Area of Specialization

- Environmental Engineering
- Air pollution and Noise pollution
- Environmental Impact Assessment
- Occupational Safety and Health
- Geographic Information System (GIS)

### Education:

- 2010** **Dr. Ing. (Doctorate of Engineering)**, German Degree From, Faculty of Energy and Management Science, Clausthal University of Technology, Germany.  
Dissertation, “*Spatial Modeling of Heavy Metal Pollution of Forest Soils in a Historical Mining Area Using Geostatistical Methods and Air Dispersion Modeling*”
- 2005** **Master of Science (M.Sc.)**  
Thesis, “*A Study on the Prediction and Control of Noise Levels in Mining and Industrial Plants*”
- 1998** **Bachelor of Engineering**  
Mining and Metallurgical Engineering Department, Assiut University, Egypt  
*Degree: Very good with honor degree*

## Positions:

- 2015 -2017** **Lecturer** at Mining and Metallurgy Dept., Faculty of Engineering, Assiut University, Egypt.
- 2012-2015** - **Lecturer at Safety Engineering Department**, Faculty of Technical Engineering, Huon, Libya.  
- Also, the Academic supervisor of the department.
- 2010-2012** -**Lecturer** at Mining and Metallurgy Dept., Faculty of Engineering, Assiut University, Egypt (Environmental Engineering).
- 2006-2010** **Ph.D. Student** in the Institute of Geotechnical Engineering and Surveying at Clausthal University of Technology, Clausthal-Zellerfeld, Germany
- 2005 – 2006** **Teacher Assistant** in Dept. of Mining and Metallurgical Engineering , Assiut University, Egypt
- 2000 – 2005** **Administrator** in Dept. of Mining and Metallurgical Engineering, Assiut University, Egypt

## **Courses Taught**

### ***Undergraduate:***

- Air Pollution and Control
- Environmental Engineering
- Occupational Safety and Health
- Physical Hazards
- Chemical Hazards
- Safety Limits and legislations
- Hydrology
- Safety Instrumentation
- Geographic Information Systems (GIS) (Introduction)
- Chemical Engineering
- Surveying ( leveling and topographic)

### ***Post Graduate***

- Pollution from Industrial Units and its Control
- Waste Management and Recycling
- Geographic Information Systems (GIS) (Advanced)
- Risk Assessment

## **Field Works**

### **Environmental Impact Assessment for:**

- Grinding wheat station, Assiut, 2017
- Old acid unit (H<sub>2</sub>SO<sub>4</sub> production) in Assiut fertilizer plant, 2017
- Poultry Feed Factory, AboTieg city, 2017

## Experience

- Assiut Fertilizer Plant, 2016
  - Chimney of the new Assiut Hospital, 2016
  - The Arab Contractors workshops, Assiut Site, 2015
  - Private Lead plant in Abo-Tieg Industrial Area, Assiut, 2015
  - Mining Company at Arab El-Awamer , 2015
  - The Arab Contractors workshops, Assiut Site, 2012
- Reviewer for the Journals:
1. *International Journal of Environmental Science and Technology*
  2. *Environmental Engineering and Management Journal, Romania*
  3. *Arabian Journal of Geosciences*
- Certified Safety Trainer from NASP ([www.naspweb.com](http://www.naspweb.com))
- Authority Trainer of OSHAcademy through EHS-Academy
- Trainer by NIOSH-Egypt, Upper Egypt sector (<http://www.niosh.gov.eg/>)
- Safety and Environmental Officer for the construction project of the new Assiut Barrage (ANDRITZ Hydro Co.)

## Supervision:

- Ph. D. "Assessment of Harmful Environmental Impacts of Assiut Fertilizer plant" Prepared by: *Thabet A. Mohamed, NIOSH, Assiut. Finished on 2013*
- Ph. D. "Study of Noise Pollution and Control Resulting from the Beet Sugar Factories" (**current**)
- M. Sc. "Spatial modeling to select the most suitable sites for the desalination plants using GIS coast on the Red Sea Coast " (**current**)
- M. Sc. "Study the Environmental Impacts of Neighborhood Activities on the Wild Animals of Wadi El-Assiut Protectorate" (**current**)
- M. Sc. "Study the Groundwater Quality for Drinking and Irrigation at El-Farafra Oasis, Western Desert of Egypt" (**current**)
- M. Sc. " Assessment of Chemical, and Physical hazards on Occupational Health in Assiut Petroleum Company " **Current**

## Undergraduate Projects:

- 2015 "Assessment of Harmful Gases within Oil Production companies, case study in El-Harouge petroleum Company, Libya
- 2014 "Fire Risk Assessment and design of protection Building System"
- 2012 "A study on the Environmental Impacts Due to Traffic Noise Pollution in Assiut City"

## Publications

**Rabey, R. E.;** Mohamed, M. A-k and Gomma, W. A. “**Study on the Noise Prediction in Mining and Industrial Plants**”, Ass. Univ. Bull. Environ. Res. Vol. 7, No. 2, pp. 77-89, October 2004.

**Rabey, R. E.;** Mohamed, M. A-k and Gomma, W. A. “**A Study on The Noise Pollution in Assiut Cement Company (CEMEX)**”, Minia International Conference “Towards a Safe and Clean Environment”, TSCE’05, 15-18 April 2005, Minia Univ., Minia, Egypt.

**Rabey, R.,** Busch, W., Knospe, S., and Schmotz, W., 2010, “**Geostatistical Investigation of Forest Soil Contamination from Mining and Smelting Activities in Goslar District (Middle Germany)**”, Environmental Engineering and Sustainability Edited by Michael Theophanides and Theophile Theophanides, ISBN: 978-960-6672-97-2, published by ATINER, Greece.

Mohamed T., A., Mohamed M. Abuei-, **Rabey, R.,** Gandour M., A., 2012, “**Distribution of Heavy Metals in an Agricultural Area Around a Fertilizer Plant Near Assiut City**” Egyptian Sugar Journal, Vol.5, June, Pp., 47-55.

Thabet A. Mohamed, **Ragab Rabey,** Mohamed Abuel–Kassem Mohamed, Mahmoud A. Gandourc “**Environmental Impact Assessment of Heavy Metal Pollution in Soil from Assiut Fertilizer Plant, Egypt**”, International Conference on: “New Role for the World Sugar Economy in a Changed Political and Economic Environment”, 10-13 November 2012, Aswan, Egypt.

Thabet A. Mohamed, Mohamed Abuel-Kassem Mohamed, **Ragab Rabey,** Mahmoud A. Ghandour, ” **A Study of Heavy Metals in the Dust Fall around Assiut Fertilizer Plant**”, *Journal of Environmental Protection*, 2013, 4, pp1488-1494

Thabet A. Mohamed, Mohamed Abuel – Kassem Mohamed, **Ragab Rabey,** Mahmoud A. Ghandour “**Application of Pollution Indices for Evaluation of Heavy Metals in Soil Close to Phosphate Fertilizer Plant, Assiut, Egypt**”, Assiut University Bulletin for Environmental Researches, *Vol. 17 No. 1, March 2014*

M.R. El.Tahlawi, M.A. Mohamed, G.Y. Boghdadi, **R.E. Rabey** and H.A. Saleem (2014)., **Groundwater Quality Assessment to Estimate its Suitability for Different Uses in Assiut Governorate, Egypt.**, International Journal of Recent Technology and Engineering (IJRTE), 3(5).

**Ragab Rabey,** "Assessment and Modeling Of Groundwater Quality Using WQI And GIS In Upper Egypt Area", Third International Environmental Forum, Environmental Pollution: Problem and Solution (TUEF), Tanta University, Egypt, 12-14 July 2016.

**Ragab Rabey,** Mohamed Abuel – Kassem Mohamed "Assessment of Traffic Noise at Junctions Streets and Passengers Stops in Assiut City, Egypt" The 3<sup>rd</sup> International Conference for Environmental Studies, South

Valley University, Egypt, 16-18 August 2016

**Rabeiy, R. E. (2017). Assessment and modeling of groundwater quality using WQI and GIS in Upper Egypt area. *Environmental Science and Pollution Research*, 1-10. doi:10.1007/s11356-017-8617-1**

**Ragab Rabeiy and Thabet Ali Mohamed, " Evaluation of Indoor Heat Stress on Workers of Bakeries at Assiut City, Egypt" presented in Workshop on Indoor Air Quality in Hot Arid Climate, Holding in Kuwait institute for scientific research, 3 - 4 April 2017**

**Rabeiy, R. E., ElTahlawi, M. R., & Boghdady, G. Y. Occupational Health Hazards in the Sukari Gold Mine, Egypt. *Journal of African Earth Sciences*. doi:https://doi.org/10.1016/j.jafrearsci.2017.04.023**

**Current studies**

- Estimation of atmospheric stability and mixing height for dispersion modelling parameters
- Air dispersion modeling of SO<sub>2</sub> and NO<sub>x</sub> from fertilizer plant

**Future studies:**

- A study of Occupational hazards and environmental issues of Sugar Industry.
- Assessment of occupational hazards and environmental effects of anode industrial
- Air dispersion modeling for the Egypt Anode plant

**References**

1- Professor Mohamed F. Yassin,  
Professor of Environmental Engineering and Research Scientist  
Environmental Pollution and Climate Program, Environment & Life Sciences  
Center Kuwait Institute for Scientific Research (KISR)  
P.O. Box 24885, 13109 Safat, Kuwait  
Tel: + (965)-2495-6260 (Work)  
***E-mail: [mfyassin@kISR.edu.kw](mailto:mfyassin@kISR.edu.kw)***

2- Prof. Mohamed Abo-Elkassem Mohamed (Dean of Faculty of Engineering,  
Assiut University, Egypt)  
Professor of Environmental Engineering Faculty of Engineering, Assiut University,  
EGYPT  
Cell: +21009771075  
Tel: +288241-1238  
***Email: [mohamabu@aun.edu.eg](mailto:mohamabu@aun.edu.eg)***