

Ali Mohamed Ali Basha

Assoc. professor

EDUCATION

- **B.Sc. Degree in Civil Engineering May 2003**, Faculty of Engineering, Tanta University, Egypt.
- **M.Sc. degree in Irrigation and Hydraulics Engineering**, the Council of the Faculty of Engineering, Jan. 2010, KAFR Elshekh University, KAFR Elshekh, Egypt based on the successful defense of my thesis entitled: use of sheet piles to control the contaminant transport through the soil.
- **Ph.D. degree in the branch of Hydraulics Engineering**, the Council of the Faculty of Civil Engineering, Aug. 2014, Faculty of Engineering, Tanta University, Egypt based on the successful defense of My thesis entitled: Consolidation Mechanism of Vacuum Preloading Technique for Soft Ground Improvement
- **Associated Professor Degree in geotechnical engineering and foundation**, the Highest Council of Universities, Dec. 2019, Egypt.

ACADEMIC EXPERIENCE

- Demonstrator in structural engineering Department, Feb. 2005, Faculty of engineering, KAFR Elshekh University, Egypt.
- Assistant lecturer in structural engineering Department, May. 2010, Faculty of engineering, KAFR Elshekh University, Egypt
- Lecturer in structural engineering Department, Oct. 2014, Faculty of engineering, KAFR Elshekh University, Egypt
- ssociated professor in structural engineering Department, Dec. 2019, Faculty of engineering, KAFR Elshekh University, Egypt

PROFESSIONAL DEVELOPMENT

- Head of civil engineering department at the Faculty of Engineering, KAFR Elshekh University, from the academic year 2020/2021 until now.

TRAINING COURSES TO DEVELOP UNIVERSITY PERFORMANCE

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| • Professional ethics and morals | 12/27/2005 | 12/29/2005 |
| • Financial and legal aspects of university business | 4/5/2008 | 4/7/2008 |
| • International scientific publishing | 08/12/2007 | 10/12/2007 |
| • Examination systems and students' assessment | 04/22/2008 | 04/24/2008 |
| • Managing time and work pressure | 05/28/2005 | 05/30/2005 |
| • Scientific Research | 05/14/2005 | 05/16/2005 |

LIST OF RESEARCH

- Maher, T., Basha, A. M., Abo-Raya, M. M., & Zakaria, M. H. (2022). General deformation behavior of deep excavation support systems: A review. *Global Journal of Engineering and Technology Advances*, 10(01), 039-057.
- Basha, A. M. (2021). Post buckling behavior of slender piles partially embedded in sand soil under axial load. *KSCE Journal of Civil Engineering*, 25(3), 757-767.
- Shousha, M. A., Basha, A. M., El-enany, M. A., & Moghazy, H. M. (2020). Effect of using grouted vertical barrier on seepage characteristics under small hydraulic structures. *Alexandria Engineering Journal*, 59(1), 441-455.
- Hamoda, A., Basha, A., Fayed, S., & Sennah, K. (2019). Experimental and numerical assessment of reinforced concrete beams with disturbed depth. *International Journal of Concrete Structures and Materials*, 13(1), 1-28.