

# Yahia M. S. Ali

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 <https://scholar.google.com/citations?user=gSfrFgMAAAAJ&hl=en>



## Summary

Yahia M. S. Ali is a lecturer at the Department of Civil Engineering, Assiut University, Egypt.

I received my bachelor's and master's degree in civil engineering from Assiut University. Now, I am getting my PhD degree from the School of Civil Engineering, Southeast University, China. My area of academic research is structural engineering, particularly in large-scale experimental investigation and numerical simulation of RC elements under static or fatigue loading in addition to strengthening of RC structures.

## Experience

 **PHD Researcher**

**Southeast University**

**Sep 2019 - Present**

 **Assistant Lecturer at Civil Engineering Department**

**Assiut University**

**Nov 2016 - Present**

 **Demonstrator at Civil Engineering Department**

**Assiut University**

**Oct 2012 – Oct 2016**



## Civil Engineer

Assuit university

Oct 2012 - Present (10 years 8 months)

### Education



**Southeast University**

Doctor of Philosophy, Civil Engineering

2019 - 2023



**Assiut University**

Master's Degree, Civil Engineering

2012 - 2016



**Assiut University**

Bachelor's Degree, Civil Engineering

2007 - 2012

### Publications


- 1- Ali, Y. M. S., X. Wang, S. Liu, and Z. Wu. 2023. "Behavior of Concrete Bridge Deck Slabs Reinforced with BFRP and Steel Bars" *ACI Structural Journal*, V. 120, No. 5. <https://doi.org/10.14359/51738840>.
- 2- Ali Y. M. S., Wang X, Abdelaleem T, Liu S, Wu Z. 2023. "Numerical study on the structural performance of the continuous concrete slabs reinforced with hybrid BFRP/steel bars." *Structural Concrete*. 2023. <https://doi.org/101002/suco.202201079>.
- 3- Ali, Y. M. S., T. Abdelaleem, H. M. Diab, and M. M. M. Rashwan. 2023. "Effect of Silica Fume on the Behavior of Lightweight RC Beams Made from Crushed Clay Bricks." *AI Civ. Eng.*, 2 (3). Springer Nature Singapore. <https://doi.org/10.2139/ssrn.4127939>.
- 4- Mahmoud M.R., Wang, X , Altayeb, M., Al-Shami H.A., Ali, Y. M. and Moussa A.M., 2024 Experimental and Numerical Study of the Flexural Behaviour of Semi-precast Slab Reinforced with Prestressed FRP Bars. *Structures* (Accepted 5 days ago)
- 5- Altayeb, M., Wang, X., Mahmoud, M.R., Ali, Y.M., Al-Shami, H.A. and Jiang, K., 2024. AI Agents for UHPC experimental design: High strength and low cost with fewer experimental trials. *Construction and Building Materials*, 416, p.135206..

- 6- Liu, S., Wang, X., Ali, Y.M., Su, C. and Wu, Z., 2023. Flexural Performance and Design of Concrete Beams Reinforced with BFRP and Steel Bars. *Journal of Composites for Construction*, 27(6), p.04023062.
- 7- Liu, S., Wang, X., Ali, Y.M., Huang, H., Zhou, J. and Wu, Z., 2023. Experimental study on eccentric compression behavior of slender rectangular concrete columns reinforced with steel and BFRP bars. *Engineering Structures*, 293, p.116626.
- 8- Ali, Y. M. S., X. Wang, L. Ding, S. Liu, and Z. Wu. 2023. “Experimental and numerical investigations of the effects of various tensile reinforcement types on the structural behavior of concrete bridge deck slabs.” *Eng. Struct.*, 285. Elsevier Ltd.  
<https://doi.org/10.1016/j.engstruct.2023.116036>.
- 9- Liu, S., X. Wang, Y. M. S. Ali, C. Su, and Z. Wu. 2022. “Flexural behavior and design of under-reinforced concrete beams with BFRP and steel bars.” *Eng. Struct.*, 263. Elsevier Ltd. <https://doi.org/10.1016/j.engstruct.2022.114386>.
- 10- Rashwan, M. M. M., H. M. A. Diab, and Y. M. S. A. El-fattah. 2016. “IMPROVING OF LIGHTWEIGHT SELF- CURING CONCRETE PROPERTIES Mohammed.” *J. Eng. Sci. Assiut Univ. Fac. Eng.*, 44 (3): 259–271.

## **Skills**

**Civil Engineering • Engineering • Abaqus • SAP2000 • Revit • AutoCAD • Microsoft Office • SketchUp • Adobe Photoshop • Adobe Premiere Pro**

## **Honors & Awards**

 **Best presenter** - International Conference on Civil and Urban Engineering (ICCUE)

**Sep 2022**

 **Scientific research person of the year** - Southeast University

**Feb 2022**

 **Scientific research person of the year** - Southeast University

**Feb 2021**