

# **Basic Information :**

Name :	Hosam Elhegazy	
Title :	Lecturer	



Hosam Elhegazy received his PhD (2020) from the Department of Civil Engineering (Structural Engineering) at Ain Shams University, Cairo, Egypt. He is currently an Assistant Professor at the Department of Structural Engineering and Construction Management, Faculty of Engineering and Technology at Future University in Egypt (FUE). His research interests include the fields of structural systems, construction management, life-cycle assessment, green buildings, value engineering, productivity, projects' performance, project control, cost estimation and construction technology. He has published numerous articles in peer-reviewed international journals with particular focus on structural systems, cost estimation and topics relating to project control. He is working in the construction and project management for construction of Steel Structures Projects (From Feb.2012 till Now).

Education:				
Certificate	Major	University	Year	
PhD			2020	
Masters			2015	

## **Teaching Experience:**

Name Of Organization	Position	From Date	To Date	
FUE	Teaching Staff Member	01/10/2015	Current	
FACULTY OF ENGINEERING & TECHNOLOGY	Lecturer	01/01/2020	01/01/2020	
FACULTY OF ENGINEERING & TECHNOLOGY	Assistant Lecturer	01/01/2015	01/01/2020	

## Researches / Publications :

An exploratory study on the Impact of the Construction Industry on Climate Change

Cost optimization of multi-story steel buildings during the conceptual design stage

Fabrication of g-C3N4@Bi2MoO6@AgI floating sponge for photocatalytic inactivation of Microcystis aeruginosa under visible light

Decision Support System for Optimum Repair Technique of Concrete Bridges Girders in Egypt

Statistical analysis for optical properties of irrigation water quality

FRP Poles: A State-of-the-Art-Review of Manufacturing, Testing, and Modeling

Quality Function Deployment Framework for Selecting Optimal Greenhouse Microclimate Control System

Identification of the best model to predict optical properties of water

State-of-the-art review on benefits of applying value engineering for multi-story buildings

"Selecting optimum structural system for R.C. multistory buildings considering direct cost"

Identification of Knowledge Gaps in Applying Knowledge Areas of Project Management

Construction Performance Control in Steel Structures Projects

#### SUSTAINABLE ASSESSMENT FOR RISK MANAGEMENT CAPABILITIES IN INFRASTRUCTURE PROJECTS

Factors Improving the Crew Productivity for the Construction of Steel Structure Projects

Improving the Crew Productivity and Projects deferrormance for the Construction of Steel Structure Projects

http://www.fue.edu.eg



#### Other :

State-of-the-art review on benefits of applying value engineering for multi-story buildings

Selecting optimum structural system for RC multi-story buildings considering direct cost

Identification of Knowledge Gaps in Applying Knowledge Areas of Project Management

Construction Performance Control in Steel Structures Projects

Improving the Crew Productivity and Projects definition of Steel Structure Projects

Factors improving the crew productivity for the construction of steel structure projects

Awards:		
Award	Donor	Date
Honoring Certificate: The Best Masters for the year 2015 - Structural Eng. Dep.	Faculty Of Engineering, Ain Shams University	01/01/2017