

Islam H. El-adaway, Ph.D., P.E., CEng., F.ASCE, F.ICE

Hurst-McCarthy Professor of Construction Engineering and Management; Full Professor of Civil Engineering; and Founding Director of Missouri Consortium for Construction Innovation
Department of Civil, Architectural, and Environmental Engineering
Department of Engineering Management and Systems Engineering
Missouri University of Science and Technology (Missouri S&T)
"Formerly known as University of Missouri – Rolla"

PROFESSIONAL PREPARATION

The American University in Cairo	Cairo: Egypt	Construction Engineering	B.Sc.	2003
The American University in Cairo	Cairo: Egypt	Construction Engineering	M.Sc.	2006
Iowa State University	Ames: Iowa	Civil Engineering	Ph.D.	2008

ACADEMIC APPOINTMENTS

Hurst-McCarthy Professor, Missouri S&T, USA	August 2018 - Present
Associate Professor, The University of Tennessee, USA	August 2014 - August 2018
Associate Professor, Mississippi State University, USA	May 2014 - August 2014
Assistant Professor, Mississippi State University, USA	August 2008 - May 2014
Research/Teaching Assistant, Iowa State University USA	August 2006 - May 2008

PEER REVIEWED PUBLICATIONS (84 ASCE journal papers, and 63 ASCE/CSCE/ASEE conference papers)

- Sample of Most Recent Journal Papers

1. El-Sayegh*, Amr and *Islam El-adaway* (2021), "Holistic Study and Analysis of Factors Affecting Collaborative Planning in Construction", Journal of Construction Engineering and Management, The American Society of Civil Engineers, 04021023, Vol. 147, No. 4, pp. 1-17.
2. Assaad*, Rayan and *Islam El-adaway* (2021), "Guidelines for Responding to COVID-19 Pandemic: Best Practices, Impacts, and Future Research", Journal of Management in Engineering, The American Society of Civil Engineers, 06021001, Vol. 37, No. 3, pp. 1-17.
3. Abdul Nabi*, Mohamed, Gasser Ali*, *Islam El-adaway*, Louis Garza**, Samuel Tichy**, and Jacob Girse** (2021), "Contractual Guidelines for Substantial Completion under the National Design-Build Standard Forms of Contract", Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, The American Society of Civil Engineers, 04520043, Vol. 13, No. 1, pp. 1-16.
4. Assaad*, Rayan, Muaz Ahmed*, *Islam El-adaway*, Amr Elsayegh*, and Venkata Nadendla (2021), "Impact of Learning in Construction Bidding Decision-Making Processes: A Comparative Algorithmic Game Theory based Approach", Journal of Management in Engineering, The American Society of Civil Engineers, 04020099, Vol. 37, No. 1, pp. 1-14.
5. Assaad*, Rayan, *Islam El-adaway*, Mark Hastak, and Kim La Scola Needy (2021), "Commercial and Legal Considerations of Offsite Construction Projects and their Hybrid Transactions", Journal of Construction Engineering and Management, The American Society of Civil Engineers, 05020019, Vol. 146, No. 2, pp. 1-13.
6. Khalef*, Ramy, *Islam El-adaway*, Rayan Assaad*, and Niame Keta** (2020), "Contract Risk Management: A Comparative Study of Risk Allocation in Exculpatory Clauses and Their Legal Treatment", Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, The American Society of Civil Engineers, 04520036, Vol. 13, No. 1, pp. 1-19.
7. Abdul Nabi*, Mohamed and *Islam El-adaway* (2020) "Modular Construction: Determining Decision-Making Factors and Future Research Needs", Journal of Management in Engineering, The American Society of Civil Engineers, 04020085, Vol. 36, No. 6, pp. 1-36.
8. Assaad*, Rayan and *Islam El-adaway* (2020), "Bridge Management System: A Machine Learning Based Approach for Evaluating and Predicting Deck Deterioration Conditions in Missouri", *Journal of Infrastructure Systems*, The American Society of Civil Engineers, 04020032, Vol. 26, No. 3, pp. 1-17.
9. Ali*, Gasser and *Islam El-adaway* (2020), "Studying the Relationship between the Electric Power Sector Development and the Socio-Economic Parameters: A Statistical Analysis Approach", Journal of Energy Engineering, The American Society of Civil Engineers, Vol. 146, No. 5, 04020045, pp. 1-17.

SYNERGISTIC ACTIVITIES

- 1) Associate Editor for Journal of Management in Engineering (ASCE), Journal of Civil Engineering Education (ASCE), and Journal of Practice Periodical in Structural Design and Construction (ASCE). Guest Editor for journal special issues (ASCE and MDBI).
- 2) Editorial Board Member of Journal of Construction Management and Economics (Taylor and Francis).
- 3) Member of the Global Leadership Forum of Construction Engineering and Management (GLF-CEM) and its Key Performance Indicator (KPI) committee.
- 4) Member of the Scientific Committee and Co-Chair of the Construction Scheduling, Estimating, Economics, and Controls Track of the American Society of Civil Engineers' (ASCE) 2022 Construction Research Congress (Washington DC, United States).
- 5) Organizing Committee Member for "2021 International Conference on Civil, Structural and Environmental Engineering" (Lyon, France).
- 6) Organizing Committee Member for "2021 International Conference on Civil Engineering and Architectural Design" (Munich, Germany).
- 7) Judge for Engineering News Record 2020 Top Professional Contest.
- 8) Member of the Scientific Committee and Co-Chair of the Contracting and Legal Issues Track of the American Society of Civil Engineers' (ASCE) 2020 Construction Research Congress (Tempe, Arizona, United States).
- 9) Reviewer for the National Science Foundation, and reviewer for Journal of Management in Engineering, Journal of Construction Engineering and Management, Journal of Infrastructure Systems, Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, Journal of Professional Issues in Engineering Education and Practice, Journal of Construction Management and Economics, Journal of Engineering, Design and Technology, International Journal of Construction Education and Research, International Journal of Construction Management, Disasters Journal, Engineering Project Organization Journal, Canadian Journal of Civil Engineering, Revista Ingeniería e Investigación, Stochastic Environmental Research and Risk Assessment, and Ain Shams Engineering journal.
- 10) Recipient of awards and recognitions including:
 - 2020 ASCE Editor Choice Paper (Journal of Management in Engineering)
 - 2020 Thomas Fitch Rowland Prize (Journal of Construction Engineering and Management - ASCE)
 - 2019 Top Professional (Engineering News Record)
 - 2018 ASCE Editor Choice Paper (Two Times; Journal of Construction Engineering and Management & Journal of Infrastructure Systems)
 - ASCE Outstanding Review (Seven Times, 2019 by Journal of Infrastructure Systems, 2018 by Journal of Professional Issues in Engineering Education and Practice, 2017 by Journal of Infrastructure Systems, 2016 by Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2016 by Journal of Infrastructure Systems, 2015 by Journal of Management in Engineering, and 2012 by Journal of Management in Engineering)
 - 2017 Best Paper Award (Journal of Management in Engineering – ASCE)
 - 2017 Teaching Recognition Award (University of Tennessee – Knoxville).
 - 2014 Academy of Distinguished Teachers (Mississippi State University).
 - 2014 Undergraduate Publication Award (Mississippi State University).
 - 2013 New Faculty Research Award (ASEE Southeastern).
 - 2012 Frontiers of Engineering Education Symposium (National Academy of Engineering).
 - 2011 David Carlisle Hull Faculty Leadership Award (Mississippi State University).
 - 2011 Young Faculty Research Award (Mississippi State University).
 - 2010 Chip Crane State Pride Faculty Award (Mississippi State University).
 - 2003, 2002, and 2001 Certificate of Academic Honor (The American University in Cairo).