

## **PROF. Amr W. Sadek**

Professor, Civil Engineering Dept., King Abdulaziz University

### **Education**

<i>Degree</i>	<i>Discipline</i>	<i>Institution</i>	<i>Year</i>
PhD	Civil Engineering	McMaster University, Canada	1985
MS	Civil Engineering	McMaster University, Canada	1981
BS	Civil Engineering	Cairo University, Egypt	1976

### **Academic Experience**

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
2014	Present	King Abdulaziz Univ.	Professor		Full Time
1997	2014	Cairo University	Professor		Full Time
1991	1997	Cairo University	Assoc. Prof.		Full Time
1985	1990	Cairo University	Assist. Prof.		Full Time

### **Non Academic Experience**

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position description (Brief)</i>
1986	1988	Consultant to MEPA	Consultant	CAD automation
1985	2014	Consultant to Jeddah Municipality	Consultant	Design and repair of RC

### **Certifications and Professional Registrations**

1. Certified member of the International Court of Arbitration
2. Registered Professional Engineer in Egypt

### **Current Membership in Professional Organizations**

<i>Member Since</i>	<i>Rank</i>	<i>Society/organization</i>
2014	Member	International Institute for FRP in Construction (IIFC)
1991	Consultant	Egyptian Syndicate of Professional Engineers
2009	Consultant	Kuwaiti Society for Civil Engineering

## **Honors and Awards**

1. State Award for Engineering Sciences, Egypt, 1997

## **Service activities (within and outside of the institution)**

1. Member of the Faculty of Engineering Labs Transfer Committee, KAU, 2014-2016
2. Member of the Departmental Graduate Studies Committee, KAU, 2014- 2015.
3. Member of Saudi Building Code Committee for Existing Buildings (SBC 901)
4. Participation of developing SBC 901 EXISTING BUILDINGS (2018)
5. Offering several courses for Saudi Society of Civil Engineering (SSCE) engineers on ETABS, AutoCAD and REVIT software.

## **Principal Publications/Presentations from the Past Five Years**

1. Amr W. Sadek, H. Karam and A. Abduljaleel, "Effect of Wrapping Concre Columns with FRP Laminates", Proceedings, CICE 2014, Composites in Civil Engineering, Vancouver, B.C., Canada, 19-22 August, 2014
2. Amr W. Sadek, F. El-Nahas and A. El-Shinnawy, "Neural Network Predictive Tools for Settlement Responses Due to Long-Term Dewatering Activities", European Journal of Scientific Research, Vol. 14, No. 2, June 2006, pp.276-286.
3. Amr W. Sadek, M. El-Hawary and Amr S. El-Deeb, "Fire Resistance Testing of Concrete Slabs Reinforced by GFRP Rebars", Journal of Applied Fire Science, Baywood publ. comp. Inc., Vol. 15, No. 2, 2006, pp.131-145
4. Amr W. Sadek, S. Al-Fadala and N. Al-Mutairi, "Improving the Design of Residential, pp. 59-65, 2006. Buildings in Kuwait", Emirates Journal for Engineering Research, Vol. 11, No. 2,
5. Amr W. Sadek, M. El-Hawary and Amr S. El-Deeb, "Fire Resistance Testing of Concrete Beams Reinforced by GFRP Rebars", Journal of Applied Fire Science, Baywood publ. comp. Inc., Vol. 14, No. 2, 2005, pp.91-104
6. Sadek, A.W. and Abdul-Jaleel, A., "Feasibility of Using Fiber ReinforcedPolymers as Reinforcement in Concrete Constructions in Kuwait", Proceedings,4th International Conference on Advanced Composite Materials in Bridges and Structures, Calgary, Canada, 20-23 July, 2004.
7. Sadek, A.W., "Seismic Map for the State of Kuwait", Emirates Journal for Engineering Research, College of Engineering, United Arab Emirates University, Vol 2, No. 2, 2004, pp. 53-58.

## **Recent Professional Development Activities**

1. Training courses for engineers of Saudi Society of Civil Engineering (SSCE) ETABS software
2. Training course for SSCE engineers AutoCAD software
3. Training course for SSCE engineers REVIT STRUCTURES software