

## **DR- MohammedSohaib A. Alama**

Assistant Professor, Civil & Environmental Engineering Department, King Abdul-Aziz University.

### **Education**

<i>Degree</i>	<i>Discipline</i>	<i>Institution</i>	<i>Year</i>
PhD	Civil Engineering	University of Michigan, Ann Arbor	1990
MS	Civil Engineering	University of Michigan, Ann Arbor	1983
BS	Civil Engineering	King Abdul Aziz University	1980

### **Academic Experience**

<i>From</i>	<i>to</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>Full or Part Time</i>
1990	Present	King Abdul Aziz University	Assist. Professor		Full Time
1980	1981	King Abdul Aziz University	Graduate Assist.		Full Time

### **Non-Academic Experience**

<i>From</i>	<i>to</i>	<i>Company/Entity</i>	<i>Position Description (Brief)</i>	<i>Full or Part Time</i>
2010	Present	SDEC, Structural Design and Engineering Consulting Expert House	President and Consultant	Part Time
2012	2016	Technical Committee – AlHaramin Expansion Projects, Jeddah	Consultant, Committee Member	Part Time
2009	2010	Jeddah Municipality	Technical Advisor for Deputy Mayor for Construction and Projects	Part Time
2006	2008	Saudi Building Code	Technical Committee – Technical Sub Committee Member	Part Time
1996	2010	SEDC, Structural Engineering Design and Consulting	President and Consultant	Part Time
1992	1996	Al-Habib Real Estate Company	Senior Structural Engineer	Part Time

## **Certifications and Professional Registrations**

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

<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1. Saudi Council OF Engineers, Saudi Arabia (SCE)	Consultant	2019
2. Saudi Society for Civil Engineering	Member	2010

### **Honors and Awards**

1. Announced Best Teacher in the College of Engineering, KAU, 2010, by Dean of Engineering.
2. Frequently invited to honor societies such as Tau Beta Pi.
3. Ranked Third on the Graduates of 1980 and awarded first honor degree.

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

1. Technical Committee – AlHaramain Expansion Projects
2. Saudi Building Code – Technical Committee and sub Committee on concrete.

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

1. **Hakim, R. A., Alama, M. S. & Ashour, S. A.** “Seismic Assessment of RC Building According to ATC 40, FEMA 356 and FEMA 440.” Arab. J. Sci. Eng. 39, 7691–7699 (2014).
2. **Hakim, R. A., Alama, M. S. & Ashour, S. A.** “Application of Pushover Analysis for Evaluating Seismic Performance of RC Building.” 3, 1657–1662 (2014).
3. **Hakim, R. A., Alama, M. S. & Ashour, S. A.** “Seismic Assessment of an RC Building Using Pushover Analysis.” Eng. Technol. Appl. Sci. Res. 4, 631–635 (2014).
4. **Mohammed S. Masmoum & Mohammed-Sohaib A. Alama,** "Required Separation to Mitigate Pounding of Adjacent Building Blocks." Eng. Technol. Appl. Sci. Res. 2018
5. **Mohammed S. Masmoum & Mohammed-Sohaib A. Alama,** “Tying Devices to Mitigate Pounding of Adjacent Building Blocks.” Eng. Technol. Appl. Sci. Res. 2020

### **Recent Professional Development Activities**

N/A