## Personal Data


**Name:** **Yousef R. Alharbi**

**Nationality:** Saudi

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## Education

| Degree | Institution | Discipline | Year |
|---|---|---|---|
| B.Sc. | King Saud University, Riyadh, Saudi Arabia | Civil Eng. | 2006 |
| M.Sc. | King Saud University, Riyadh, Saudi Arabia | Structural Eng. | 2012 |
| Ph.D. | University of Central Florida, Orlando, U.S.A. | Structural Eng. | 2019 |

## Academic Experience

| Institution | Rank | Title | Years |
|---|---|---|---|
| • Civil Engineering Department, King Saud University | Assistant Professor | Faculty Member | 2019-Presrnt |
| • Civil Engineering Department, King Saud University | Lecturer and Teaching Assistant | Faculty Member | 2007-2019 |

## Academic and Non-Academic Experience

| Company / Entity | Title & Description of Position | Years | Status |
|---|---|---|---|
| • King Saud University, College of Engineering | Chairman of Civil Engineering Department | 2021-Present | Full Time |
| • King Saud University, College of Engineering | Deputy of Civil Engineering Department | 2020-2021 | Full Time |
| • Riyadh City Municipality | Manger of Rainwater drainage project in the Eastern of Riyadh city | 2006-2007 | Full Time |
| • King Saud University | Member of quality assurance team for concrete and structural works of the15 billion Saudi Riyal Strategic Construction Projects at King Saud University | 2010-2012 | Part-Time |

## Certifications or Professional Registrations

- Certificates in Effective Teaching Skills, Evaluation of Student Education Outcomes and Course Building and Designing

## Current Membership in Professional Organizations

- Saudi Council of Engineers

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## Honors and Awards

- Scholarship by King Saud University to pursue Ph.D. studies in the U.S.A
- Class honor in the Department of Civil Engineering, at King Saud University with B.S. degree.

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## Service Activities (within and outside of the institution)

- Regular reviewer for Journal of King Saud University-Engineering Sciences. Published by Elsevier.
- Member of Exam Committee at Qiyas | National Center for Assessment. Riyadh, Saudi Arabia.

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## Most Important Publications and Presentations for the Past Five Years

- **Yousef R. Alharbi**, Aref A. Abadel, Abdulrahman A. Salah, Ola Mayhoub, and Mohamed Kohail "Engineering properties of alkali activated materials reactive powder concrete", Construction and Building Materials, 2020.
- **Yousef R. Alharbi**, Aref A. Abadel, Ola Mayhoub, and Mohamed Kohail "Effect of using available metakaoline and nano materials on the behavior of reactive powder concrete", Construction and Building Materials, 2020.
- **Yousef R. Alharbi**, Mahmoud Galal, Aref A. Abadel, and Mohamed Kohail "Bond Behavior between Concrete and Steel Rebars for Stressed Elements", Ain Shams Engineering Journal, 2020.
- **Yousef R. Alharbi**, Aref A. Abadel, Nourhan Elsayed, Ola Mayhoub, and Mohamed Kohail "Mechanical properties of EAFS concrete after subjected to Elevated Temperature", Ain Shams Engineering Journal, 2020.
- Alrshoudi, Fahed, Hossein Mohammadhosseini, Mahmood Md Tahir, Rayed Alyousef, Hussam Alghamdi, **Yousef Alharbi**, and Abdulaziz Alsaif. "Drying shrinkage and creep properties of prepacked aggregate concrete reinforced with waste polypropylene fibers." Journal of Building Engineering, 2020: 101522.
- Alrshoudi, Fahed, Hossein Mohammadhosseini, Rayed Alyousef, Hussam Alghamdi, **Yousef R. Alharbi**, and Abdulaziz Alsaif. "Sustainable Use of Waste Polypropylene Fibers and Palm Oil Fuel Ash in the Production of Novel Prepacked Aggregate Fiber-Reinforced Concrete." Sustainability 12, no. 12, 2020: 4871.
- **Y. Alharbi**, B. Cho, J. An, and B. Nam "Rheological Behavior of Edge-Oxidized Graphene Oxide (EOGO)- Cement Composites: Dry and Wet-Mix Design Methods", Materials in Civil Engineering, 2020, 32, 6.
- M. Khawaji, B. Cho, **Y. Alharbi**, J. An, and B. Nam "Edge-Oxidized Graphene Oxide (EOGO) as an Additive in Fiber Reinforced Concrete", Materials in Civil Engineering, 2020, 32, 4.
- J. An, B. Nam, **Y. Alharbi**, M. Khawaji, and B. Cho "Edge-oxidized graphene oxide (EOGO) in Cement Composites: Cement Hydration and Microstructure", Composites Part B 2019, 173, 106795.

- B. Cho, M. Khawaji, **Y. Alharbi**, J. An, B. Nam"Static and Cyclic Flexural Behaviors of Edge-Oxidized Graphene Oxide Cement Composites", Materials in Civil Engineering, 2019,31, 11.
- **Y. Alharbi,** J. An, M. Khawaji, B. Cho, and B. Nam "Mechanical and Sorptivity Characteristics of Edge- Oxidized Graphene Oxide (EOGO)-Cement Composites: Dry and Wet-Mix Design Methods", Nanomaterials 2018, 8, 718.

## Most Recent Professional Development Activities

- Attending five workshops and training programs about improving teaching and learning skills at King Saud University.
- Attending Technical Webinar about concrete cracking provided by American Concrete Institute, Saudi Arabia Chapter (ACI-SAC).