

## Hakim S. ABDELGADER

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Hakim S. Abdelgader - Presently ( November 2018- March 2019) is a Visiting Professor at Gdansk University of Technology, Faculty of Civil and Environmental Engineering, Gdansk, Poland. He is a Full Professor in the Department of Civil Engineering at University of Tripoli, Tripoli, Libya. His research interests include pre-placed aggregate concrete, self-consolidating concrete, concrete with recycled materials, utilization of pozzolanic materials, underwater concreting, concrete durability, and concrete casting in fabric forms. He has authored or co-authored over 60 professional technical papers and reports. He has been involved in organization of several International Conferences and member of Scientific Committees. He is an associate member and voting member of American Concrete Institute (ACI) Committees 221, Aggregates; 237, Self-Consolidating Concrete; 304, Measuring, Mixing, Transporting, and Placing Concrete; 444, Structural Health Monitoring and Instrumentation; and 555, Concrete with Recycled Materials. He is an Editorial Board member of more than four academic Journals including: Case Studies in Construction Materials, Journal of Materials and Engineering Structures. He is reviewer and contributor to ACI, Construction & Building Materials and Journal of Materials in Civil Engineering (ASCE). He has been a keynote speaker at several international conferences in North America, Europe, Africa, Middle East, Japan, Iran, and India.

#### Selected papers:

- Ouda, A.S., Abdelgader, H.S. Assessing the physical, mechanical properties, and  $\gamma$ -ray attenuation of heavy density concrete for radiation shielding purposes, 2018 Geosystem Engineering
- Abdelgader, H.S., West, M., Górski, J. Fabric formwork - An alternative to traditional formwork | [Textile Schalungen - Eine Alternative zu herkömmlichen Schalungssystemen], 2018 Betonwerk und Fertigteil-Technik/Concrete Plant and Precast Technology
- Abdelgader, H.S., Górski, J., Khatib, J., El-Baden, A.S. Two-stage concrete: Effect of silica fume and superplasticizers on strength | [Zwei-Phasen-Beton: Wirkung von Microsilica und Hochleistungsflyebmitteln auf die Festigkeit], 2016 Betonwerk und Fertigteil-Technik/Concrete Plant and Precast Technology
- Saud, A.F., Abdelgader, H.S., El-Baden, A.S. Compressive and tensile strength of two-stage concrete, 2014 Advanced Materials Research
- Abdelgader, H.S., Saud, A.F., El-Baden, A.S. Flexural strength of two-stage concrete, 2013 Sustainable Construction Materials and Technologies
- O'Malley, J., Abdelgader, H.S., Investigation into viability of using two-stage (pre-placed aggregate) concrete in Irish setting, 2010 Frontiers of Architecture and Civil Engineering in China
- Abdelgader, H.S., Elgalhud, A.A., Effect of grout proportions on strength of two-stage concrete, 2008 Structural Concrete
- Nowek, A., Kaszubski, P., Abdelgader, H.S., Górski, J., Effect of admixtures on fresh grout and two-stage (pre-placed aggregate) concrete, 2007 Structural Concrete
- Abdelgader, H.S., Górski, J., Influence of grout proportions on modulus of elasticity of two-stage concrete, 2002 Magazine of Concrete Research