

Raed Abendeh, Ph.D

Professor-Assistant of Civil Engineering
Department of Civil Engineering
Al-Zaytoonah University of Jordan
Amman 11733 Jordan
PO Box 130
(962)-6- 4291511
Email: R.abendeh@zuj.edu.jo

ACADEMIC QUALIFICATIONS

Ph.D degree of science in civil engineering with a specialization in structural from Hamburg University of Technology, 2006, Germany.

Master degree of science in civil engineering with specialization in structural from Jordan University of Science and Technology, 2001, Jordan.

Bachelor degree of science in civil engineering with a specialization in structural from Jordan University of Science and Technology, 1998, Jordan

PROFESSIONAL EXPERIENCE

Professor-Assistant in engineering faculty, Al-Zaytoonah University of Jordan, Jordan, (9/2014 – present)

Professor-Assistant, Applied Science University, Jordan, (9/2013 – 8/2014)

Professor-Assistant, Philadelphia University,, Jordan, (9/2012 – 8/2013)

Professor-Assistant, AL Zarqa University, Jordan, (9/2009 – 8/2012)

INTERESTS

- Design and construction of bridges.
- Analysis and design of prestressed structures.
- Finite element method.
- Concrete technology.
- Construction chemicals.

Institutional and Professional Services**o Courses Taught**

- Prestressed Concrete
- Reinforced Concrete 2
- Reinforced Concrete 1
- Structural Analysis 1
- Structural Analysis 2
- Strength of Materials

- Statics
- Concrete Technology

Journal Publications:

- Z. Abu Salem, T. Khedawi, M. Bani Baker, R. Abendeh,. Effect of Waste Glass on Properties of Asphalt Concrete Mixtures. Jordan Journal of Civil Engineering, Vol. 11, No. 1, 2017.
- Abenedeh R., Hesham Ahmad, Yasser Hunaiti., Experimental studies on the behavior of concrete-filled steel tubes incorporating crumb rubber. Journal of Construction Steel Research. 122 (2016) 251-260.
- Mousa Bani Baker, Raed Abendeh, Zaydoun Abu-Salem,. Production of sustainable asphalt mixes using recycle polystyrene. Internatioonal Journal of Applied Environmental Sciences. Vol. 11, No 1, 2016. 183-192.
- Zaydoun Abu Salem, Raed Abendeh, Mousa Bani Baker,. Mechanical properties of concrete containing waste glass. Jordan Journal of Civil Engineering. Vol. 12, No. 1, 2018.
- Abendeh R., The feasibility of using milled glass wastes in concrete to resist freezing-thawing action. Inernational Journal of Civil, Environmental, Structural, Construction and Architectural Engineering, Vol.9, No 8, 2015
- Abendeh R., Freezing thawing resistance of concrete incorporating glass waste. Journal of Materials Science Research, Vol. 4, No. 4, 2015.
- Abendeh R., Bow shaped segments in precast segmental bridges. Engineering Structures 30 (2008), S. 1711-1719.
- Abendeh R., Brockmann C., Fischer O., Rombach G., Temperaturinduzierte, bleibende Verformungen von Brueckensegmenten bei der Herstellung im Kontaktverfahren. Beton- und Stahlbetonbau 3/2005, pp.207 – 215, 2005.
- Effect of thermal cycling on bond between reinforcement and fiber reinforced concrete. Cement and concrete composites, vol. 26, issue 6, 2004.

Conference Publications:

Abendeh R., The feasibility of using milled glass wastes in concrete to resist freezing-thawing action. 17th international conference in civil and construction engineering, London, 2015.

Abendeh R., Segmental hollow box girder bridges with bow shaped precast segments. Proceedings: IABSF Symposium "Improving Infrastructure Worldwide" Weimer 2007.

Abendeh R., Temperature induced Deformations in Match-Cast Segments. IABSE Symposium "Metropolitan Habitats and Infrastructur. Shanghai,2004