



December Luncheon  
"Displacement Analyses of World Island Breakwater"  
Wednesday, December 13th | RSVP Today

The World Islands in Dubai, UAE consists of reclaimed sandy islands arranged in the shape of the world map. An approximately 26km long breakwater earthen structure was constructed to protect the islands against high wave. The stability under seismic loading, liquefaction potential, and post-earthquake shaking vertical displacements of the breakwater crest are major long-term performance concern. The presentation will discuss the analyses of the breakwater structure under seismic loading performed on the selected critical cross section and will discuss the conclusions from the analyses.

**When:** Wednesday, December 13th | Luncheon from 11:30AM to 1PM

**Where:** Fishbone's Greektown, 400 Monroe Street Detroit, Michigan 48226

**Menu:** Jambalaya, Char-Grilled Chicken Breast, Mixed Green Salad, Chef's Vegetable and Potato

**Cost:** \$30

**Registration:** Please e-mail Pam Homer at [pam.homer@usace.army.mil](mailto:pam.homer@usace.army.mil) by COB, December 11th.

**Yazen Khasawneh Ph.D., P.E. Biography** | Dr. Yazen Khasawneh is a principal engineer with NTH Consultants, Ltd, Northville, Michigan. He has more than 15 years of experience in the US and Overseas. Dr. Khasawneh's areas of expertise include geotechnical and geostructural engineering, soil and rock dynamics, numerical simulations, and forensic engineering. He holds Ph.D., M.S., and B.S. degrees in civil from Purdue University, University of Illinois at Urbana-Champaign, and Jordan University of Science and Technology, respectively. He is registered Professional Engineer in the state of Michigan. He is a member of the DFI technical committees on Seismic and Lateral Loads and thermal foundations. He is also a member of the GI technical committees on Soil Properties and Modeling, and Computational Geotechnics.



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