

## **Civil and Environmental Engineering**

### **Year 2009**

#### ***Conference Papers***

Mwafy, A.M., 2009, "Seismic design response factors for typical high-rise buildings in the UAE", Proceedings of the 11th Arab Structural Engineering Conference, October 25-27, Dhahran, Saudi Arabia.

Mwafy, A.M. and Ashry, A., 2009, "Assessment of the seismic provisions adopted in the UAE for design of high-rise buildings", Proceedings of the 10th UAE University Research Conference, April 13-16, Al Ain, UAE.

A.S. El-Dieb, A. Biddah, S. Aldajah, A. Hammami , "*Long-Term Performance of RC Members Externally Strengthened by FRP Exposed to Different Environments*", 11<sup>th</sup> Arab Structural Engineering Conference (ASEC11), King Fahd University of Petroleum & Minerals (KFUPM), Dhahran, Saudi Arabia, 25-27 Oct. 2009. (Corresponding Author)

A.A. Abdelrahman, A.S. El-Dieb, T.H. Gewaily, and S.H. Okba, "*Bond Behavior of Carbon Fiber Sheets to Cracked Concrete*", The 9<sup>th</sup> International Symposium on Fiber Reinforced Polymer Reinforcement for Concrete Structures (FRPRCS-9) – Current Challenges and future trends, Sydney, Australia, 13-15 July, 2009. (Corresponding Author)

El Maaddawy, T., and Sherif, S., "Use of Fiber-Reinforced Polymers in Shear Strengthening of Reinforced Concrete Deep Beams with Openings", 9<sup>th</sup> International Symposium on Fiber Reinforced Polymer Reinforcement for Concrete Structures (FRPRCS-9), July 13-15, Sydney, Australia, 2009.

Abdel-Magid, B., Mourad, A., and El Maaddawy, T., "Durability of FRP Composites Exposed to Sea-Water and High Temperature", 7<sup>th</sup> International Conference on Composite Science & Technology – ICCST-7, American University of Sharjah, January 20-22, Sharjah, UAE, 2009

El Maaddawy T., "Durability of Eccentrically Loaded Reinforced Concrete Columns Wrapped with Fiber-Reinforced Polymers in the Gulf Region," 7<sup>th</sup> International Conference on Composite Science & Technology – ICCST-7, American University of Sharjah, January 20-22, Sharjah, UAE, 2009

El Maaddawy T., and Sherif, S., "Investigation into the Use of Advanced Composites in Shear Strengthening of Reinforced Concrete Deep Beams with Openings", 7<sup>th</sup> International Conference on Composite Science & Technology – ICCST-7, American University of Sharjah, January 20-22, Sharjah, UAE, 2009

Bilal El-Ariss, "Teaching Graduate Attributes: Case Study Civil Engineering," *SITE 2009: The 20th Annual SITE International Conference on Contemporary Issues in Technology and Teacher Education (CITE)*, Charleston, South Carolina, U.S.A., March 2 - 6, 2009.

Al Balooshi M., Maraqa M. and Hawas Y., Assessment of noise impact of air traffic at Dubai International Airport. 2009 Gulf Conference and Exhibition: Environment and Sustainability, Feb. 16-19, 2009, Kuwait.

Ashour I., Naser J., Sawalha F., and Maraqa M., Experimental investigation of phenol removal from refinery synthetic wastewater. The 3rd International Conference on Sustainable Energy and Environmental Protection, August 12-15, 2009, Dublin, Ireland.

Chowdhury, R. and Beecham, S. (2009). Dry and Wet Spell Properties in Adelaide and Melbourne and Their Relation to the Water Sensitive Urban Design, Proc. 8<sup>th</sup> International Workshop on Precipitation in Urban Areas, St Moritz, Switzerland, December 2009 (in CD).

El-Sawy, K.M., Sweedan, A.M.I. "Teaching Structural and Stress Analysis Using Excel and Visual Basic for Application", Proceedings of the International Conference on Education and New Learning technologies: EDULEARN09, 6–8 June 2009, Barcelona, Spain.
Mohamed Y. E. Selim, K. El-Sawy, and Y. Haik (2009), "On The Use of Electronic Academic Advising Tools to Promote Higher Quality Engineering Education", Proceedings of the Symposium on Engineering Education, SEE09, UAE University, Al-Ain, United Arab Emirates.
Biddah, A., El-Sawy, K., Raynor, S., and Sheikhou, T. (2009) "Strengthening of Pultruded Glass FRP Section Combined with Concrete Slab Using CFRP Plates", Thirteenth International Conference on Structural and Geotechnical Engineering, 27-29 Dec., Cairo - Egypt.
Elshorbagy, W., Sherif, M., Sweedan, A.M.I. and El-Sawy, K.M. (2009) "Evolution of the Assessment of Educational Objectives of the Civil Engineering Program, United Arab Emirates University", Proceedings of the International Symposium on Engineering Education and Educational Technologies: EEET 2009, 10–13 July, Orlando, Florida, U.S.A.
El-Ariss, B., Sweedan, A.M.I. and El-Sawy, K.M. (2009) "Proposed Methodology for Assessment of Educational Outcomes of Engineering Courses", Proceedings of the International Symposium on Engineering Education and Educational Technologies: EEET 2009, 10–13 July, Orlando, Florida, U.S.A.
Sweedan, A.M.I. and El Damatty, A. (2009) "Evaluation of the Seismic Response of Conical Steel Tanks Using the Equivalent Model Technique", Proceedings of the ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering COMPDYN 2009, Paper CD 102, 22–24 June, Rhodes, Greece.
Elshorbagy, W., Sweedan, A.M.I., El-Mowafy, A., El-Sawy, K.M., and Sherif, M., (2009) "Development of the Assessment for the Civil Engineering Program at the United Arab Emirates University", Proceedings of the Symposium on Engineering Education: SEE 2009, Paper 06, 16–18 May, Al-Ain, U.A.E.
Sweedan, A.M.I. (2009) "Evaluation of the Buckling Capacity of Steel Shells of Revolution Subjected to Internal Hydrostatic Pressure", Proceedings of the 10th Annual Research Conference, 10ARC, Paper ARC-048, 13–16 April, Al-Ain, U.A.E.
El-Sawy, K.M., and Sweedan, A.M.I. (2009) "Effect of Local Imperfection on Stability of Cylindrical Liners Subjected to External Uniform Pressure", Proceedings of the 10th Annual Research Conference, 10ARC, Paper ARC-045, 13–16 April, Al-Ain, U.A.E.
Zaneldin, E. (2009). "An Information System for the Management of Changes During the Design of Building Projects." <i>The 11<sup>th</sup> International Conference on Enterprise Information Systems</i> , May 06-10, 2009, Milan, Italy, pp. 49-55.
M. Mohamed and A. Almualla. "Modeling Water Demand Forecasting in UAE. Proceedings of the Third International Conference on Modeling, Simulation and Applied Optimization. Sharjah, U.A.E, January 20-22, 2009.
Walid Elshorbagy and Abu Bakr Elhakeem (June 2009). "Use of Reverse Numerical Modeling in Forecasting the Contamination Hazard of Oil Spill against Coastal Facilities". 4th SCACR International Short Conference on APPLIED COASTAL RESEARCH in Barcelona, Spain.
Walid Elshorbagy and Ahmed Basoni (February 2009). "Locating the intakes and outlets of coastal thermal desalination plants considering the coastal physical conditions". Third International Conference in Ocean Engineering (ICOE-2009), Madras, India.
<b>Books</b>
<b>Edited Books</b>

<i>Book Chapters</i>
<i>Patents</i>