Lessons learned from world landmark concrete construction projects

Experiences gained, lessons learned, and challenges faced in some landmark concrete construction projects will be discussed. This includes some of the world’s tallest buildings, one of the world’s largest pedestrian bridges, and one of the largest and deepest wastewater pumping stations. The gap between research and development and large-scale concrete construction will be emphasized. Opportunities for implementing breakthroughs and modern advances in materials science in concrete structures will be identified and current research needs will be highlighted.

Biography

Moncef L Nehdi is a Professor at Western University, Canada. He previously was Technical Director for Imasco Minerals and BCS. He is the recipient of several awards, including the CSCE’s Horst Leipholz Medal, the ICE’s Bill Curtin Medal, the Ontario Premier’s Research Excellence Award and the ACI’s Young Member Award for Professional Achievement. A prolific author with more than 300 publications, he ranked in the world’s most cited civil engineers in the 2016 Shanghai Ranking of World Universities and Academic Subjects. Moncef has been active in several technical committees and professional societies, and a member of the editorial boards of several technical journals.

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