

Apr 29th - May 4th

# Ahmed Elgamal: Short Curriculum Vitae

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## Recommended Citation

Elgamal, Ahmed, "Ahmed Elgamal: Short Curriculum Vitae" (2013). *International Conference on Case Histories in Geotechnical Engineering*. 6.

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## SHORT CURRICULUM VITAE

**Name:** Ahmed Elgamal

**Employer:** Department of Structural Engineering  
University of California, San Diego (UCSD)

**Title:** Professor and Chair



Ahmed Elgamal received his Ph.D. from Princeton University in 1984. He joined UCSD in 1997 as Professor after a post-doctoral appointment at the California Institute of Technology (1985-86), and faculty positions at Rensselaer Polytechnic Institute (1986-96) and Columbia University (1996-97). He currently chairs the Department of Structural Engineering, serves as Principal Investigator of the Network for Earthquake Engineering IT project ( <http://it.nees.org> ) and is also a Thrust Area Leader in the Pacific Earthquake Engineering Research (PEER) Center. His areas of research interest include experimental and computational simulation of liquefaction and related mitigation approaches, Information Technology (IT) applications in Civil Engineering research and education, and interpretation of recorded downhole seismic response through system-identification procedures. Incorporation of IT into structural engineering is currently among his main research areas. Internet applications include sensor networks for monitoring the civil infrastructure, with real-time condition assessment and decision-making algorithms (<http://healthmonitoring.ucsd.edu>). Integration of research and education with live web-accessible experiments is a main interest (<http://webshaker.ucsd.edu> ). He is author and co-author of 200 Technical Publications.