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EDUCATION:

Ph.D., Environmental Engineering, University of Illinois at Urbana-Champaign
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B.S., Civil Engineering, KFUPM, Dhahran, Saudi Arabia

Dr Adham is currently manager of ConocoPhillips's Global Water Sustainability Center (GWSC) located at Qatar Science & Technology Park. ConocoPhillips is the world's largest independent Exploration & Production (E&P) company headquartered in Houston, Texas. The main mission of GWSC is to develop innovative solutions for management of by-product water from the oil & gas industry. This includes examining ways to treat produced & process water from petroleum operations, in addition to technical programs related to seawater desalination, water reuse, and environmental sustainability. Dr. Adham is also an Adjunct Professor in Center for Advanced Materials (CAM) at Qatar University where he participates in research activities related to the development of novel nanostructured materials and provide industrial perspective on innovative technology applications; in addition to advising graduate students.

Prior to joining ConocoPhillips, Dr Adham was vice president and manager of MWH's (presently Stantec) Applied Research Department in Pasadena, California, where he carried leading-edge research programs focused on developing innovative solutions for the environmental challenges of municipal & industrial stakeholders worldwide; specifically, in the fields of municipal & industrial water treatment, wastewater treatment & reuse; and water desalination. Dr. Adham received several national and international awards of excellence and participated in various conferences worldwide as a global expert on advanced water treatment technologies. He has more than 150 journal publications (h index 40 via google scholar), 350 conference papers, 6 patents, and 200 invited presentations/workshops.