

# Water and Energy Workshop

February 15– 17, 2015

Hamad bin Khalifa University Student Center

Doha, Qatar

## Speaker Profiles

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### **Prof. Haroun Mahgerefteh**

***University College London***

Prof. Haroun Mahgerefteh obtained his PhD in Chemical Engineering from Imperial College. He is currently Professor of Chemical Engineering at University College London. His main research expertise are in multi-phase CFD flow modelling of hydrocarbon transportation pipelines, safety and loss prevention in the oil and gas industries, particularly with reference to pipeline rupture safety assessment. Professor Mahgerefteh has also significant research interest in Carbon Capture and Sequestration (CCS) where he coordinates the EC FP7 projects, CO2PipeHaz and CO2QUEST involving the collaboration of 15 academic and industry partners in Europe, China and Canada. He is principal investigator of the UKCCSRC projects on Multiphase Flow Modelling for Risk Assessment of Dense Phase CO2 Pipelines and Development of Safe Practice Guidelines for the Injection of CO2 in Highly Depleted Gas Reservoirs. Professor Mahgerefteh was a co-investigator in the recently completed EPSRC MATTRAN and National Grid COOLTRANS projects which provided the background research for the successful White Rose Government Funded joint industry bid to build a state-of-the-art CCS commercialisation project.