

Ibrahim Hoteit

Bio:

Dr. Ibrahim Hoteit is an associate professor in the Earth Sciences and Engineering program and the Applied Mathematics and Computational Sciences program at KAUST. He is currently the associate director of the Saudi Aramco-KAUST Center for Marine Environmental Observations (SAKMEO) and the PI of the Virtual Red Sea Initiative, a joint project with MIT/SIO/PML. Prior to joining KAUST in 2009, he worked as a research scientist at Scripps Institution of Oceanography of the University of California, San Diego. Dr. Hoteit's research interests are in modeling and simulation of ocean and atmospheric systems on supercomputers, with specific interest in data assimilation and inverse problems and associated uncertainty quantification. Dr. Hoteit co-authored more than 150 scientific papers and is a co-recipient of five best conference paper awards. He is a member of the American and European Geophysical Unions, the Society of Industrial and Applied Mathematics, and an elected member of the UNESCO Center of Pure and Applied Mathematics. Dr. Hoteit earned his M.S. (1998) and Ph.D. (2002) in applied mathematics from the University of Joseph Fourier, France.