



Keynote Lectures-2



Professor **David R. Maidment**

Hussein M. Alharthy Centennial Chair in Civil Engineering,
University of Texas at Austin, USA

✧ Elected in 2016 to the U.S. National Academy of Engineering (NAE)

Speech Title: National Water Model of the United States

Prof. David R. Maidment is the Hussein M. Alharthy Centennial Chair in Civil Engineering at the University of Texas at Austin where he has been on the faculty since 1981. He received his Bachelor's degree in Agricultural Engineering with First Class Honors from the University of Canterbury, Christchurch, New Zealand, and his MS and PhD degrees in Civil Engineering from the University of Illinois at Urbana-Champaign. Prior to joining the faculty at the University of Texas, he was a research scientist at the Ministry of Works and Development in New Zealand, and at the International Institute for Applied Systems Analysis in Vienna, Austria.

Prof. Maidment is a specialist in surface water hydrology, and in particular in the application of geographic information systems to hydrology. In 2016, he was elected to the **National Academy of Engineering** "For development of geographic information systems applied to hydrologic processes".

Prof. Maidment teaches classes in surface water hydrology and GIS in Water Resources. From 1992 to 1995 he was Editor of the Journal of Hydrology. Prof. Maidment is also co-author of the text Applied Hydrology (McGraw-Hill, 1988), Editor in Chief of the Handbook of Hydrology (McGraw-Hill, 1993), co-editor of the monograph Hydrologic and Hydraulic Modeling Support with GIS (ESRI Press, 2000), co-author and editor of Arc Hydro: GIS for Water Resources, (ESRI Press, 2002), and co-author of Arc Hydro Groundwater (ESRI Press, 2011).