



The Engineering Institute of Canada

Fellow Citation 2002

Dr. J. Alex McCorquodale - A Member of the Canadian Society for Civil Engineering

Dr. McCorquodale obtained his BSc at the University of Western Ontario, a Masters degree at the university of Glasgow and a PhD in Hydraulic Engineering from the University of Windsor. He also holds a Diploma in Fluvial Geomorphology from Colorado State University. He currently holds the Chair as the Freeport McMoran Professor of Environmental Modelling in the Department of Civil Engineering at the University of New Orleans. He was a professor of Civil Engineering at the University of Windsor before locating to New Orleans.

His research interests include physical and numerical modeling of environmental processes. He has completed numerous physical hydraulic models for flood control dams, hydroelectric dams, tunnels, energy dissipaters, river crossings, locks and all manner of foreshore and shore protection works. These include sediment transport, cavitation potential, ice and debris dams, and dynamic loading on water control structures. Numerical modelling includes 2-D and 3-Dimensional mass transport models. Just about every kind of interaction problem between water and structures, in both its fluid and solid forms - - water and ice.

Professor McCorquodale has published more than 70 refereed journal articles and numerous conference papers. He has been active in training of graduate and post-doctoral students, with over 20 of his PhD graduates working worldwide. He usually has about a half dozen, or more, students in the masters and doctoral programs. Dr. McCorquodale has been, and remains, very active in professional affairs. He was, at the University of Windsor, Director of the Great Lakes Institute and Chair of Civil Engineering. He is currently Chair of the Environmental Consortium of Louisiana.

Dr. McCorquodale has distinguished himself in the practice of engineering in Canada, and now continues his work in the United States. A credit to his profession.

Mr. President, now a Fellow of the Engineering Institute of Canada, Professor J. Alex McCorquodale

