

Technical Excellence Award

Dr. Jay Doering, P. Eng



Dr. John (Jay) Doering obtained a B.Sc. (first class honors) in Civil Engineering from Queen's University at Kingston and a doctoral degree in Coastal Hydraulics from Dalhousie University. He completed his postdoctoral studies at Environment Canada's Centre for Inland Waters in Burlington, Ontario before beginning his academic career in the Department of Civil Engineering at McMaster University. In 1993, Dr. Doering joined the University of Manitoba's Department of Civil Engineering. He became the Head of Civil Engineering in 2001, and the Dean of the Faculty of Graduate Studies in 2005. He is now serving as a member of the University's senior executive team as Associate Vice-President (Partnerships) in the Office of the Vice-President Research and International Office.

Dr. Doering has had an exemplary career of research in the field of hydraulics making significant contributions in the areas of, channel hydraulics and spillway design, development of frazil ice in Northern waterways, and most notably in flood protection and mitigation. Dr. Doering has been a leader in providing expertise to government and other agencies on the development of major flood protection projects including acting on the expert review panel for the Manitoba Floodway expansion and serving on several advisory boards for the Floodway Expansion Authority. Dr. Doering has also been a recognized commentator on many of the major floods, providing insights on several television and radio programs. He is the founding Director of the Acres Hydraulics Research and Testing Facility at the University of Manitoba that continues to provide state-of-the-art research and training of engineering students entering careers in hydraulics engineering.

During his career, Dr. Doering has received many awards for teaching, research, and service, including: teaching awards from McMaster University and the University of Manitoba, an Early Achievement Award from Engineers Geoscientists Manitoba, an Rh Institute Award for Research Excellence, a University of Manitoba Outreach Award, and a Queen Elizabeth II Diamond Jubilee Award for public service.

He is a Fellow of Engineers Canada and the Canadian Society for Civil Engineering, and has served in executive board positions with the Canadian Society for Civil Engineering, the Canadian Water Resources Association, and the Canadian Coastal Science and Engineering Association. He has remained active in the Association where he has served as member of Council and the Awards Committee. He is currently a member of Engineers Geoscientists Manitoba's Investigation Committee.

In recognition of his outstanding leadership and scientific knowledge applied to benefit Manitobans and the nation, Engineers Geoscientists Manitoba is pleased to present the Technical Excellence Award to Dr. Jay Doering, P.Eng.