



Desmond Hartford - nominated by the Canadian Dam Association

During his 30-year career in Canada, where he worked with B.C. Hydro and Kohn Crippen Consultants, and in Ireland, Des Hartford achieved a unique status within the Canadian and international field of dam safety. For many years, beginning in the early 1990's, Des tirelessly kept developing the knowledge base and promoting new and modern approaches to the assessment and management of dam safety. Des was one of the first in the dam engineering community to recognize that the risk-informed and systems-based approach can significantly improve the decision-making process in dam safety. He is currently a leading authority on probabilistic risk assessment and management for dams and his presence on numerous advisory boards is a reflection of his status.

Des Hartford is the principal author of the first and only textbook (Risk and Uncertainty in Dam Safety) and also a principal author of the International Commission on Large Dams (ICOLD) Bulletin on Risk Assessment in Dam Safety Management. The latter serves as a guide to the worldwide community of dam safety owners, engineers and regulators. He is also the author of numerous papers on the subject of probabilistic risk assessment for dams and broad issues of geotechnical engineering and soil mechanics.

Des' level of personal, ethical and professional integrity is exceptional. He is always willing to share his unique and broad knowledge and experience. His scientific rigour in researching and developing new methods and technology for safe management of dam risks is of the highest standard. For Des Hartford's enormous contributions to the way dam safety issues are addressed, we are delighted this evening to celebrate his achievements and confer upon him the grade of EIC Fellow.

Ladies & gentlemen and Mr. President, please welcome Desmond Hartford as a Fellow of the Engineering Institute of Canada.