



# The Engineering Institute of Canada

## 2023 Award Citation

### EIC Fellow



**David Mack**

#### **Nominated by the Canadian Dam Association**

*David Mack has made an outstanding contribution to the engineering profession as a practicing engineer, a manager, a designer, a mentor and as an educator. David has made specific contributions to improving the safety of dams and dam infrastructure by sharing his knowledge both with public and private clients, with colleagues, and others who work in the Canadian dam and water infrastructure field.*

*With his experience in the civil, hydraulic, and structural engineering disciplines, David has been involved in numerous major dam, reservoir, and irrigation projects. His experience encompasses the total project, from concept development to detailed design, tendering, and construction. He has shared his knowledge during condition inspections, safety reviews, potential failure modes assessments, and independent design reviews of dam projects.*

*His contributions include developing and documenting good practice guides and technical specification templates. David was the principal author for the Alberta Transportation Water Control Structure Selected Design Guidelines and has published technical papers on many structural design and dam safety related projects.*

*David has supported the work of the Canadian Dam Association both in Alberta and across Canada. He has a proven track record on providing innovative and practical designs for both new build and improvements to existing water infrastructure that both protect the environment, and reduce the risks of dam safety related occurrences, for water projects that are frequently less understood by the public.*

*Ladies and gentlemen, and Ms. President, please welcome David Mack as a Fellow of the Engineering Institute of Canada.*