



The Engineering Institute of Canada

2021 Award Citation

EIC Fellow



Carl Andrew Small

Nominated by the Canadian Dam Association

Andy Small has made outstanding contributions to the safety of tailings dams in Canada and worldwide through his dedication and enthusiasm in sharing his knowledge and experience through the CDA and other major dam safety organizations. He has experience on design and safety assessments of major tailings dams and mining structures across Canada and worldwide. He is always willing to share his practical experience of real-world dam design and construction, and his in-depth thinking on tailings dam safety.

He has conveyed his knowledge to others through his tireless volunteer dedication to development of the CDA guidelines. Andy has extended his dam safety understanding into structured risk assessment and decision-making processes related specifically to mining dams, but applicable to many other structures.

Andy's work on developing the Canadian Tailings Dam Safety Guidelines was instrumental in producing a document that drives practice across the Globe and brings great credit to the extensive Canadian experience in safe Mining dam design. It would be hard to give sufficient credit to the massive impact these guidelines have had on saving lives, protecting the environment, and ensuring the viability of the worldwide mining industry.

Ladies and gentlemen, and Mr. President, please welcome Andy Small as a Fellow of the Engineering Institute of Canada.