



The Engineering Institute of Canada 2019 Award Citation

John B. Stirling Medal

(awarded for leadership and distinguished service at the national level within the Institute and/or its Member Societies, by members of these Societies)



Doug Stead

Nominated by the Canadian Geotechnical Society

Professor Doug Stead is the FRBC Chair of Resources Geoscience and Geotechnics at Simon Fraser University. An exceptional scholar, educator, and engineer, he has shown outstanding leadership and performed extensive services for the profession, while providing excellent training to numerous students. Dr. Stead emphasizes innovative applications of engineering geology, rock mechanics, and geotechnical engineering to natural hazards and forestry geotechnics, with a focus on remote sensing, field monitoring and modelling.

Professor Stead's original research work specifically involves the development of laser scanning, modern digital photogrammetry, and other remote sensing tools in rock engineering. He is also an expert on numerical simulations of landslides and rock slopes analysis.

Dr. Stead has been serving the engineering profession for years, particularly with the Canadian Geotechnical Society, as VP Technical (2009-2010) and Chair of the Engineering Geology Division (2012-2015). He is Vice-President of the International Society of Rock Mechanics for North America (2015-19). His impressive contributions have made him one of the most influential professionals in engineering geology and rock engineering in Canada. He was inducted Fellow of the EIC in 2012 and, in 2017, the Canadian Geotechnical Society awarded Doug Stead the Robert F. Legget Medal, its most prestigious distinction, in recognition of his outstanding contributions.

Ladies and gentlemen, and Mr. President, as the Recipient of the John B. Stirling Medal, please welcome Dr. Doug Stead.