



Ryan Phillips - nominated by the Canadian Geotechnical Society for the Canadian Pacific Railway Engineering Medal

Since arriving in Canada in 1993, Ryan Phillips advanced the use of experimental modeling for solving engineering problems to an unprecedented level. Through his expertise in commissioning, operating and directing the centrifuge centre at C-CORE in St. John's, he has enabled testing and research on topics ranging from crash safety hazard testing to seismically-triggered slope failures and pipeline frost heave. Ryan is also recognized as one of the world's leading experts in performing seismic centrifuge tests. He has demonstrated creativity in solving complex engineering problems related to offshore production platforms and onshore structures such as dams, pipelines, mines and large buildings. His work has been widely funded, from large national and multinational corporations to small and medium size enterprises and government agencies such as NSERC. Thanks to Ryan Phillips and his team, C-CORE now has a reputation for advanced centrifuge technology that is unparalleled.

Ryan Phillips has contributed extensively in leadership and service to the Canadian Geotechnical Society. He has served as the Local Chair, Regional Director, and Board Member to the ISSMGE Technical Committee TC2; and as Associate Editor for both the Canadian Geotechnical Journal and the International Journal of Geotechnical Physical Modeling. Ryan has also chaired, coordinated and contributed to several national and international conferences.

Ryan Phillips teaches undergraduate courses and supervises graduate students at Memorial University. He has published extensively, with over 170 publications in internationally recognized journals, conferences, and reports. In 2001, he received the RM Quigley Award for outstanding contributions to the Canadian Geotechnical Journal. For his many years of devoted service and leadership in the Canadian Geotechnical Society, we are pleased to confer upon Ryan the C.P.R. Medal.

Ladies and gentlemen, and Mr. President, as the Recipient of the Canadian Pacific Railway Engineering Medal, please welcome Ryan Phillips.