

## Shorth Bio – Louis Marcil



Senior Technical Advisor at Roctest, Ltd.

Louis has over 25 years of theoretical and practical experience with Geotechnical Instrumentation and Testing Equipment at Roctest. Over the course of his career, Louis has mastered various aspects related to pressuremeters, including the development of pressuremeters, the execution of the test, and the interpretation of the results. Louis has contributed to hundreds of projects worldwide, providing technical assistance and training.

Louis is an active member of the ASTM D18.08 & D18.12 Committees on Soil and Rock In-Situ Testing. He is the Technical Contact for the D4719 Standard on Test Methods for Prebored Pressuremeter Testing in Soils. He received the ASTM Richard S. Ladd Standards Development Award in 2023.

Louis received a Bachelor degree in Civil Engineering at Ecole Polytechnique in Montreal, Canada. He is a registered Professional Engineer in Quebec, and a member of the Canadian Geotechnical Society.

### Publications :

- 'Comparisons Between Pressuremeter Tests Carried Out in a Controlled Environment with Monocell vs. Menard-Type Tricell Pressuremeters', ISC'6 Conference, Budapest, 2020 -PRE-PRINT.
- 'Values of Pressuremeter Modulus and Limit Pressure Inferred from Stress or Strain controlled PMT Testing', Symposium International ISP7/PRESSIO 2015, Hammamet, Tunisia, April, 2015
- 'The PROBEX- Over 25 Years of Experience in Measurement of In-Situ Deformability of Rock', Proceedings of the 18th International Conference on Soil Mechanics and Geotechnical Engineering, Paris 2013, Parallel Session ISP6;
- 'Discussion of Karkheh Dam Instrumentation System - Some Experiments', Geotechnical News, June 2006;
- 'Responses to Umbrella Questions about Manufacturers and Users Working Together', Geotechnical News, September 2006;
- 'Contributions of Canadian Experiments to the Development of Pressuremeter Techniques', Symposium International sur le Pressiomètre, Paris, 2005.