

Walter I. Paniagua, Ph.D.

Walter is a Civil Engineer with a Master's degree and PhD in soil mechanics. Since 1981, he has specialized in deep foundations, focusing on construction, design, and quality control. In 2003, he founded PILOTEC, a deep foundations company based in Mexico City, where he has led over 600 geotechnical construction projects and 160 consulting cases. He is an active member of the Mexico City Government's Structural Safety Committee, coordinating the Subcommittee for the Design and Construction of Foundations and participating in multiple safety councils.

Academically, he has authored over 115 technical papers, co-authored seven books, and serves as a postgraduate professor at the National University of Mexico. He is also a member of the Mexican Academy of Engineering, and has lectured across the Americas, Europe, and Africa. Internationally, he is Vice President for North America (2022–2026) of the International Society for Soil Mechanics and Geotechnical Engineering, and has held several roles in technical committees. He is also a past president of the Mexican Society for Geotechnical Engineering (SMIG).

Awards include: Professional Practice (SMIG, 1996), Best Civil Engineering Book (CICM, 2002), and Best Technical Paper (CICM, 2022).