

Mario Manassero

Professor of Geotechnical Engineering at Politecnico di Torino since 2002. He also received his Ph.D. at the same university in the 1987.

Past chairman of Technical Committee (TC) no. 215 "Environmental Geotechnics" of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) (2001-2014) and a member of the expert consulting board of the Italian Ministry of the Environment for environmental impact evaluation in the main national projects (2008-2011).

His main research activities are devoted to the geotechnical characterization of soil deposits using in-situ tests, soil improvement and reinforcement methods, containment systems for landfills and polluted subsoils, the mechanical behaviour of municipal and industrial wastes, the chemo-physical interaction between pore fluids and the solid skeleton, multiphase coupled flows and associated transport phenomena.

With reference to the professional activity, among others, he was geotechnical consultant of the MOSE Project on the protection of the Venice lagoon from "high water" phenomenon (2004-2006), a member of the geotechnical design team for the suspension bridge over the Messina Straits (2002-2005), in charge of the geotechnical design team for the reclamation and rehabilitation of Leonardo da Vinci International Airport runway system (Rome), geotechnical consultant of the Victoria State Environmental Protection Agency (EPA, Melbourne, Australia), geotechnical consultant of Syndial (ENI Group) for the assessment of the stability conditions of River Toce delta in Lake Maggiore (Italy).