



## Role of the Geotechnical Engineering in the Civil Engineering Works

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Structural and Geotechnical Engineer**

Even if the Geotechnical Engineering aspects date back to ancient times, the Geotechnical Engineering is a quite recent scientific discipline, in fact officially it was Karl Terzaghi who in 1925 gave formal dignity to Geotechnical Engineering.

In the presentation an effort is made to summarize all the Civil Engineering works where the Geotechnical Engineering plays a crucial role: Tunnels, Landslides stabilization, foundations of Bridges, Skyscrapers, Power Plants, Buildings settlements, Seismic classification of the sites, Railways and highways, ports, etc. Some significant examples will be illustrated.



Leaning Tower of Pisa



High speed railway between Bologna and Florence:  
landslide Laurenziano

Vitantonio Roma, PhD, Structural and Geotechnical Engineer



Engineer with 22 years of international experience in Civil Engineering Works: infrastructures (Highways, Railways, Tunnels, Bridges), Power Plants, Dams.

He holds a Master in Structural Engineering, a PhD in Geotechnical Engineering, an MBA.

Currently Head of the Geotechnical Department of TEAM Engineering in Rome.

**(\*) Registrati all'evento per ottenere il link**

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