

# **ENG. PIETRO RIMOLDI**

## **CURRICULUM VITAE**

**Name:** Pietro Rimoldi

**Birth Date:** 13 November 1959

**Birth Place:** Seregno, Italy

**Nationality:** Italian

**Title:** Civil Engineer

**Education:** Degree in Civil Engineering - Hydraulics (Politecnico di Milano University, Milano, Italy, 1984);

**Post degree courses:** Soil reinforcement (University of Oxford, U.K.)  
Erosion Control (International Erosion Control Association, USA)  
River Erosion Control (International Erosion Control Association, USA)  
Bioengineering (International Erosion Control Association, USA)  
Landscape – Environment protection (Milano Order of Engineers, 2002)  
Energy saving characteristics of building (Milano Order of Engineers, 2008)

**Awards:** “Giulio Nosedà” award as best graduate in Hydraulic Engineering for the year 1984  
“The IGS Award” of the International Geosynthetics Society for the year 2000, for the development of a maintenance system for damaged concrete and earth dam revetments

**Professional data:** Chartered Professional Engineer, registered at the Milano Order of Engineers, n. 13986, since 30-10-1984  
Certified Professional in Erosion and Sediment Control (CPESC Nr 761), certification issued by the Soil and Water Conservation Society in USA.  
Certified Professional in Construction Safety Management, in Italy; since 2004. Expired  
Certified Expert of Landscaping – Environmental Protection, in Italy; since 2002. Expired  
Certified Expert for Energetic Certification of Buildings, in Italy; since 2008. Expired  
Listed at the Law Court of Milano (Italy) for Forensic Engineering in the following sectors: Ecology, Aqueducts, Sewage, River and Water Basins Hydraulics, Environmental Protection, Geotechnics; since 2004.  
Fire prevention expert, Italian code MI-13986-I- 2768; since 2004. Expired

**Present Job:** Civil Engineering Consultant, based in Milano (Italy)

**Key Qualifications:**

Designer and Consultant in Hydraulics, Roads, Railways, Geotechnics, Geosynthetics, Bio-Engineering, Buildings, with over 35 years of experience. Acquired a broad experience, achieving high levels of know-how in the following areas: roads, highways, railways, retaining walls, soil improvement, slope stability, erosion control, landfills, water and sewage networks, open channels, geosynthetics, seismic analyses, civil and industrial buildings.

**Personal data:**

Computer: Windows, Office, AutoCad, FEM softwares, Civil Engineering softwares.  
 Travels and Countries: extensive traveling all around the world (over 110 Countries visited)

**Languages:**

	Speaking	Reading	Writing
Italian	Mother-language		
English	Very good	Very good	Very good
Spanish	Good	Good	Good
French	Basic	Basic	Basic

**Special remarks :**

Author of more than 250 international publications in the fields of Remote Sensing, Earthquake Engineering, Road Engineering, Railway Engineering, Geotechnics, Hydraulics, Environmental Engineering, Bio-Engineering, and Geosynthetics.

Member of the following International Associations: IGS (International Geosynthetics Society), ASCE - GI (American Society of Civil Engineers - Geotechnical Institute), AGI (Italian Geotechnical Association), ISSMGE (Int. Society for Soil Mechanics and Geotechnical Engineering)

Member of the following Technical Committees: ISO (Int. Standard Organization) TC 221 - Geosynthetics; CEN (European Standard Organization) TC 189 - Geosynthetics; CEN TC 288 WG 9 - Reinforced Soil; CEN TC 250 - Structural Design and Eurocodes; CEN TC 217 - Sport surfaces; ASTM D35 - Geosynthetics; ASTM D18 - Soil and Rock.

Ex Member of the Council of IGS (International Geosynthetics Society) for the periods 1994 - 1998, 1998 - 2002, 2014 - 2018, 2018 - 2022

Ex Member of the Council of AGI-IGS (Italian chapter of IGS)  
 Ex Member of the Council of AGI (Italian Geotechnical Society)  
 Ex Member of the Council of AII (Italian Hydrotechnical Association)

Ex Member of the Council of the Geosynthetics Institute (GSI), USA.

Chair of IGS Technical Committee on Reinforcement  
 Ex Chair of IGS Technical Committee on Hydraulics  
 Chair of ISSMGE Technical Committee TC 218 (Reinforced soil structures) Group 2 (Codes interpretation)

Author of books and design manuals for: urban hydraulics, geotechnics, paved and unpaved road stabilization, parking decks and working platforms, railway ballast stabilization, reinforced

slopes and walls, draining geogrids, geosynthetic drainage systems, erosion control on slopes and on river/channel banks. Development of design software for: paved and unpaved road stabilization, parking decks and working platforms, railway ballast stabilization, reinforced slopes and walls, draining geogrids, geosynthetic drainage systems, Geosynthetic Encased Columns, surface erosion control, rockfall protection embankments.

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**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe myself, my qualifications, and my experience.

**Date:** January 2023

**Signature:** 