



PRINCIPAL TEAM

Marco de Pellegrin

Civil Engineer, Bachelor of Science (B.Sc.)

Type of Principal Experience: 22 years of experience in the design and supervision of civil infrastructure and railway projects (bridges, viaducts, tunnels, dams, industrial plants, office buildings, etc.) in Italy and abroad

Background:

<i>Year from/to:</i>	<i>Country:</i>	<i>Project and Position:</i>
2010 - 2012	Latium, Central Italy	Salaria State Road and Rome-Florence Railway: Design of the new Vallericca Underpass and Roundabout. Structural Consultant
2010 - 2012	Piedmont, Northern Italy	Hydrologic and hydraulic studies and risk assessment of six Railway Bridges in the Turin Department (crossings of Dora Riparia, Prebech and Vermenagna Rivers). Hydraulic Consultant
2010 - 2012	Liguria, Northern Italy	Borghetto River Bridge (L=20m) on the Genoa-Ventimiglia Railway Line: detailed structural design of the steel bridge. Structural Consultant.
2007 - 2009	Piedmont, Northern Italy	Hydrologic and hydraulic studies and risk assessment of four Railway Bridges in the Turin Department (crossings of Sesia, Elvo, Rovasanda and Gesso Rivers). Hydraulic Consultant.
2007 - 2009	Port of Civitavecchia, Central Italy	Port of Civitavecchia Terminal: strengthening design of 4 No steel silos (Φ12.5m, H=28.5m). Chief Engineer for the subsequent relocation of the entire industrial facility. Structural Consultant.
2007 - 2008	Latium, Central Italy	Cavata River Bridge, (L=19.65m, built yr1928) on the Roma-Formia Railway Line: structural assessment of the steel bridge, FEM analyses, detailed design of the strengthening. Structural Consultant.
2007 - 2008	Abruzzo, Central Italy	Monte Bove Tunnel (L=3939m, built yr1886) on the Roma-Pescara Railway Line: design of a new chamber and of the temporary steel structures that will support the rock mass during spritz-beton casting. Structural Consultant.
2007 - 2008	Milan, Northern Italy	Detailed design of the steel structures of Buildings Nos. 3 & 4 of the Complesso Immobiliare "RIPAMONTI LORENZINI MARELLI" in Central Milan. Structural Consultant
2007 - 2008	Campania, South of Italy	S. Giovanni Barra Railway Station: design of the temporary sheet piling (reinforced jet-grouting) for the underpass. Structural Consultant
2007	Emilia-Romagna, Northern Italy	New Layout of Borgo Panigale Railway System – Axis No. 3. : Bencivenni Road. Structural Consultant
2005 - 2006	Basilicata, South of Italy	Viaducts of the 3rd Lot-2nd Reach of State Highway No. 655 (aka Bradanica): detailed design. Structural Consultant
2005	Pistoia, Tuscany, Italy	Pistoia Lucca Pisa Railway Line - Pistoia-Montecatini Reach: hydrologic and hydraulic studies and river works design for the detailed design of the Railway. Hydraulic Consultant
2005	Puglia, South of Italy	Bari - Taranto Railway Line: hydrologic and hydraulic studies for the detailed design of the Railway. Hydraulic Consultant
2005	Sicily, South of Italy	40km of Railway Lines servicing the new Bridge across the Strait of Messina: hydrologic and hydraulic studies for the detailed design of the Railways. Hydraulic Consultant.
2002 - 2004	Port of Civitavecchia, Central Italy	Italian Railways' Terminal at the Port of Civitavecchia: structural design of a new lift bridge (L=30.00m) in steel and r.c. caissons (7.25x27.00m, H=10.50-15.00m). Structural Consultant
2000 - 2002	Rome, Italy	Detailed design of the timber, steel & r.c. structures of the New Students Common Room, 3rd University of Rome. Structural Consultant
2001	Basilicata, South of Italy	State Highway No. 95 (aka di Brienza) - 6th Lot 1st-2nd Reach: hydrologic and hydraulic studies and river works design. Hydraulic Consultant
2001	Florence, Tuscany, Italy	City of Florence - Leopoldo Sq. Development in Central Florence (50,000cu.m office and residential blocks). Hydraulic Consultant.



TRANSPROJECT

CONSULTING & CONTRACTING

<i>Year from/to:</i>	<i>Country:</i>	<i>Project and Position:</i>
2000	Umbria, Central Italy	Spoletto-Campello Railway Line: Hydrologic and hydraulic studies and river works design for the detailed design of the Railway. Hydraulic Consultant.
2000	Liri River, Central Italy	Construction of Liri River (near Rome) Flood Alleviation Schem. Structural Consultant.
1999	Basilicata, South of Italy	Viaducts of the Link between Melfi-Potenza Expressway and the City of Venosa: design of the isolation system including rubber bearings and fluid viscous dampers. Structural Consultant.
2000	Basilicata, South of Italy	State Highway No.106 (aka Ionica) - 3rd Lot-1st Reach: hydrologic and hydraulic studies and river works design. Hydraulic Consultant.
2000	Puglia, South of Italy	Marinella-Altamura Railway: hydrologic and hydraulic studies and river works designer for the detailed design of the Railway. Hydraulic Consultant.
1999	Veneto, Northern Italy	Rudavoi Creek Bridge Competition: feasibility study and architectural design of a new 105m span prestressed concrete bridge. Structural Consultant.
1999	Prato, Tuscany, Italy	1st and 2nd Lot of 2nd Prato West Ring Expressway: hydrologic and hydraulic studies, design of pumping stations. Hydraulic Consultant.
1999	Puglia, South of Italy	Bari - Lecce Railway Line: hydrologic and hydraulic studies for the detailed design of the Railway. Hydraulic Consultant.
1999	Campania, South of Italy	Construction of a 100,000cu.m Embankment Reservoir in the vicinity of the City of San Lupo: hydrologic and hydraulic studies of the reservoir and irrigation scheme. Hydraulic Consultant
1998	Basilicata, South of Italy	State Highway No.655 (aka Bradanica) - 3rd Lot-1st Reach: hydrologic and hydraulic studies and river works design. Hydraulic Consultant
1998	Florence, Tuscany, Italy	River Arno Bridge Competition, including a new tramway bridge and a new arrangement of Paolo Uccello Square, Central Florenc. Structural Consultant.
1997	Rome, Italy	Construction of Reservoir No.2 (20,000cu.m): hydraulic studies. Hydraulic Consultant
1995 - 1997	Riyadh, Saudi Arabia	WadiLeban Cable - Stayed Bridge (Riyadh, Saudi Arabia): conception, detailed structural design and load tests. Structural Consultant.
1993-1995	Arezzo, Tuscany, Italy	Stia-Arezzo-Sinalunga Railway: hydrologic and hydraulic studies and river works design for the detailed design of the Railway. Hydraulic Consultant
1989 - 1994	Various locations, Italy	-Maddaloni-Marcianise New Switching and Parking Cargo Facility project. - Stia-Arezzo-Sinalunga Railway, including two skewed steel bridges on the Arno River etc. Senior Structural Engineer
1992	Piombino, Tuscany, Italy	Tender for the construction of the Piombino Ring Main Pipe for the water supplying of Island of Elba. Hydraulic Consultant
1992	Maremma, Tuscany, Italy	Tender for the construction of the intake works from La Nova Spring (near Pitigliano) and of the distribution pipe. Hydraulic Consultant
1991	Island of Elba, Tuscany, Italy	Tender for the construction of water distribution system of Island of Elba. Hydraulic Consultant
1989	City of Tolentino, Marche, Italy	Tender for the construction of the intake works from Valcimarra Spring (near Tolentino) and of the distribution pipe. Hydraulic Consultant
1988	Latium, Central Italy	Tender for the construction of Sacco River (near Rome) Flood Alleviation Scheme. Structural Consultant
1987 - 1988	Various locations, Italy	Responsible for the development of the company's inhouse technical computer design and analysis capability. Feasibility, optimization studies and detail hydraulic designs for a number of irrigation systems. Project Engineer
1986 - 1987	Rome, Italy	Department of Hydraulic Engineering (Dept. No.37), University of Rome "La Sapienza". Engaged in several research projects with Prof-Ing G Calenda and Prof-Ing R Guercio. Assistant Research Engineer