Sandro Bortolotto

Nationality: Italian

Date of birth: 21 Jun 1955

Gender: Male

WORK EXPERIENCE

INDEPENDENT CONTRACTOR/CONSULTANT

IQT Consulting Rovigo [Mar 2018 – Current]

City: Rovigo

Country: Italy

Coordinating and directly participating in the development, management, consulting, studying and monitoring, assessment and testing of hydraulic, maritime, navigation and harbour works, coastal defense and shores nourishment.

Coordinating, studying, researching; supporting activities aimed at solving problems of hydrographical, maritime and geotechnical matter.

TOP MANAGER

AGENZIA INTERREGIONALE PER IL FIUME PO AIPo [1 Feb 2017 – 31 Jan 2018]

City: Rovigo

Country: Italy

Technical responsible for Projects Review, Coordinator of Flooding Monitoring service. managing the organizing structure, programming the three-years plan of public works and of the yearly directory, financial administration through exercising spending powers, presidency of Committees, coordinating the monitoring of flooding, technical manager of projects review, sole responsible for administrative procedures, operating inspections, consultations, studies and research. Supervising geotechnical laboratory; Development and maintenance of monitoring pluvial-hydro real-time network; mathematical modelling; hydrology of the Po river and its tributaries

MANAGING COORDINATOR FOR THE VENETO REGIONAL OFFICE

AGENZIA INTERREGIONALE PER IL FIUME PO AIPo [1 Feb 2017 – 31 Jan 2018]

City: Rovigo

Country: Italy

Head of the Hydraulic defense for the Polesine area from the Po river floodings, managing all of the hydraulic defense works. Management of the facility, finances, inspections and monitoring duties. Management of all flood defense systems for the Po river in the Veneto region.

HEAD OF THE P.I.M. DEPARTMENT

AGENZIA INTERREGIONALE PER IL FIUME PO AIPo [1 Jul 2015 – 31 Jan 2017]

City: Rovigo

Country: Italy

Technical director for project assessments; facility management, planning for the public works directory. Strategic projects for the Po river, verification of the project plans, relations with the institutions, technical cartography and GIS. Mathematical modelling. Basin scale modelling: flood propagation and monitoring of low tides.

TOP MANAGER FOR THE PO IN THE VENETO REGIONAL OFFICE

AGENZIA INTERREGIONALE PER IL FIUME PO AIPo [1 Nov 2009 – 31 Jan 2017]

City: Rovigo

Country: Italy

Coordinating the design and implementation of measures. Sole responsible manager for major works; financial, human resources and instrumental management.

HEAD OF THE P.I.M. DEPARTMENT

AGENZIA INTERREGIONALE PER IL FIUME PO AIPo [1 Nov 2009 – 31 Mar 2011]

Country: Italy

Same as above

CHIEF ENGINEER AT THE REGIONAL HYDROGRAPHIC SERVICE FOR THE PO IN THE VENETO REGIONAL OFFICE

AGENZIA INTERREGIONALE PER IL FIUME PO AIPo [1 Jun 2004 – 30 Oct 2009]

Country: Italy

Same as above

MANAGER RESPONSIBLE FOR THE OPERATIONS OFFICE

AGENZIA INTERREGIONALE PER IL FIUME PO AIPo [1 Nov 2003 – 31 May 2004]

Country: Italy

Leading the technical peripheral office on projects and realization of technical interventions, sole administrative responsible during remarkable worksi; managing human and instrumental resources.

HEAD OF CIVIL ENGINEERING FOR MARITIME WORKS IN RAVENNA

MINISTERO DELLE INFRASTRUTTURE E DEI TRASPORTI [21 Mar 2000 – 31 Oct 2003]

City: Ravenna

Country: Italy

Coastal defense for the Emilia-Romagna region, Head of civil engineering for maritime works in Ravenna, participating in committees organized by the Higher council of the Public works.

HEAD ENGINEER APPOINTED IN CHARGE OF PUBLIC WORKS FOR THE PROVINCES OF MODENA AND REGGIO EMILIA

MINISTERO DELLE INFRASTRUTTURE-MAGISTRATO PER IL PO [1 Jan 1996 – 20 Mar 2000]

City: Modena

Country: Italy

Management of the flood prevention systems for the Modena and Reggio Emilia areas a from the Po river floodings, under State jurisdiction.

CHIEF ENGINEER OF THE TECHNICAL BUREAU FOR THE PO RIVER IN PARMA

MINISTERO DELLE INFRASTRUTTURE-MAGISTRATO PER IL PO [Jan 1989 – Feb 2000]

City: Parma

Country: Italy

Coordination and supervision of the design and implementation of interventions, preparations of guidelines and technical directives, coordination of the flood monitoring systems and hydraulic policing.

CHIEF ENGINEER IN CHARGE OF PUBLIC WORKS FOR THE ROVIGO PROVINCE

MINISTERO DELLE INFRASTRUTTURE-MAGISTRATO PER IL PO [Dec 1984 – Dec 1988]

City: Rovigo

Country: Italy

Planning and management of hydraulic public works, implementation of the programme, financial budget and human resources management.

CHIEF ENGINEER OF THE DEPARTMENT DEDICATED TO MILAN, NOVARA, VARESE, COMO PROVINCES

MINISTERO DEI LL.PP.-MAGISTRATO PER IL PO [Oct 1981 – Nov 1984]

City: Pavia

Country: Italy

Managing all of the hydraulic defense works for the Po basin.

ALPINE INFANTRY OFFICER

MINISTERO DELLA DIFESA - Roma [Jan 1981 – Sep 1981]

City: Brunico (BZ)

Country: Italy

Lieutenant rank; Platoon Leader – Deputy Commander of the Alpine Infantry Company.

EDUCATION AND TRAINING

Master in Public Administration Contracts: Public Works, Services and Supplies.

Scuola Superiore Pubblica Amministrazione sede di Bologna. [2003 – 2004]

Professional Engineering State Examination – Sede di Padova.
Università degli Studi Superiori di Padova [Mar 1980]

Engineer - Master's Degree in Civil Hydraulic Engineering
Università degli Studi Superiori di Padova [1974 – 1980]

Field(s) of study: Engineering, manufacturing and construction
Final grade : 110/110 – **Level in EQF:** EQF level 7

Fluvial Hydraulics - Hydraulic Works and Constructions - Maritime Works

LANGUAGE SKILLS

Mother tongue(s):

Italian

Other language(s):

English

LISTENING B1 **READING** B1 **WRITING** B1

SPOKEN PRODUCTION A2 **SPOKEN INTERACTION** A2

CONFERENCES AND SEMINARS

Speaker and author of the Conference "The Positioning System GPS for Subsidence Control of the Terminal Reach of the Po River"

[Houston, Texas, 12 May 1991 – 17 May 1991]

ABSTRACT; The present Delta of Po river is o-f new formation. Its origin is of 1604 due to the intervention of Venetian engineers, that cut the right bank of the Po river near its mouth to remove the cloudy water from the Venice lagoon. In the 1960s' the Delta river suffered a great soil subsidence, which reached 3 meters in some areas, due to withdrawal of groundwater and solution gas. In the region there still exists a bench-mark network which is periodically controlled by traditional methods, but requires a long time and high costs. This project consists in the execution of some geodetic positioning by BPB of the existing bench-marks. The purpose of these operations is to determine possible variations in the height of the region round the terminal reach of the Po river by BPS satellite technique, which guarantees precision, rapidity of execution and comparative economy. In fact, contrary to traditional methods, BPS allows large areas to be kept under control in a precise, speedy and cheap manner. Besides, if the traditional operations are in concurrence with soil subsidence phenomenon, it's possible to accumulate intolerable systematic errors. This does not happen using • BPS technique. The measured ellipsoidal heights may be, thanks to consistent algorithm, transformed into geoidal heights. In this manner it's always possible, and in a short time, to postpone the geoidal heights of existing bench-marks of the region measured by traditional techniques. Moreover the method from ellipsoidal heights permits to determine geoidal heights of every point of the region.

DIGITAL SKILLS

Microsoft Office / Microsoft Excel / Microsoft Word / Microsoft Powerpoint / Skype / Zoom / Outlook / Social Media / Power Point / Leadership and management skills / Organizational and planning skills / Decision-making / Reliability / Motivated / Responsibility / Critical thinking