

## PAOLO SALANDIN - CURRICULUM VITAE



Date of Birth: February 1th, 1959

### MARITAL STATUS

Married, one Child

### TITILE

Full Professor of Hydraulic Structures and Hydrology, University of Padova, Department of Civil, Environmental and Architectural Engineering (ICEA), via Loredan 20, 35131 Padova, ITALY

### INSTITUTIONAL RESPONSIBILITIES (excerpta)

- Chair of the Environmental Engineering Degree Course Council, University of Padova (2013 - )
- Member of the High Council of Public Works (Consiglio Superiore dei Lavori Pubblici), ROMA (2013 - )
- Director, 'Centre for Hydrology Dino Tonini', University of Padova (2011 - )
- Director, 'Biblioteca Centrale di Ingegneria', University of Padova (2008 - 2012)

### EDUCATION

- Dottorato di Ricerca (Ph.D.) in Fluid Mechanics, University of Padova (1990)
- Dott. Ing. (BS+MS) Civil Engineering, University of Padova (1984)

### EMPLOYMENT RECORD

- Full Professor, Faculty of Engineering, University of Padova (2005 - )
- Full Professor, Faculty of Engineering, Università Politecnica delle Marche (2000 - 2005)
- Associate Professor, Faculty of Engineering, Università Politecnica delle Marche (1998 - 2000)
- Researcher, Faculty of Engineering, University of Padova (1990 - 1998)

### AFFILIATIONS

- Member of American Geophysical Union and of European Geophysical Union
- Member of "Società Italiana di Idrologia"
- Member of "Centro Studi Sistemi Acquedottistici"

### ACADEMIC INTERESTS

Flow and transport in naturally heterogeneous aquifers. Data assimilation techniques applied to hydrological models. Design of dams outlets and stilling basins. Floating debris and interaction with in river structures. Risk analysis in the design of hydraulic structures. Reliability and management of water supply and drainage systems. Subsidence in peatlands. Shallow landslide triggering by rainfall. On these topics he is Author and/or Co-author of more than 120 publications in national and international journals / proceedings of Congress. He is also Co-author of 3 books (in Italian) on: river engineering, gated and ungated outlet works of dams and river barrages, water supply systems.

### RESEARCH PROJECTS AND GRANTS

He was responsible or scientific coordinator of several research projects and grants of national interest dealing with experimental site developing and management, and numerical and/or physical modelling of: i) subsurface flow and transport phenomena, ii) river engineering, iii) floating debris in river, iv) outlet works and dissipation basins of dams, and v) hydroelectric plant surge chambers.

Padova, July 2015