



**Impacts of the Fourth Industrial Revolution on Port-City Integration
“World Port Sustainability Program Aspects”**



Giorgio Roth

Dean

Polytechnic School of Engineering and Architecture

University of Genoa

Giorgio Roth is the Dean of the Polytechnic School of Engineering and Architecture of the University of Genoa and Full Professor of Hydrology and Hydraulic and Coastal Structures at the Department of Civil, Chemical and Environmental Engineering. Graduated cum laude in Civil Engineering at the University of Genoa, he holds a Ph.D. in Hydrodynamics from the University of Padova, 1987. His research and operational experience belong to the fields of hydrology, hydraulics and hydraulic structures with main emphasis on geomorphology, fluvial dynamics, natural drainage network formation and dynamics, flood formation and propagation, water resources planning and management, and hydraulic plants. Teaching experience in University courses, Universities of Genoa and Perugia, and in a number of seminars and professional post-graduation courses. He is author of more than 150 papers published in international refereed journals or in international proceedings in the fields of hydrology and hydraulic structures. The research activity of Giorgio Roth was funded, among others, by the European Union, the Italian National Research Council, the Italian National Civil Protection Department, the Italian Insurance Association and supported by the European Space Agency through the European contribution to the Global Precipitation Mission by NASA and JAXA. From 1996 to 2007 he served as director of CIMA – the Interuniversity Research Centre on Environmental Monitoring of the Universities of Genoa and Basilicata. From July 2013 to October 2018 he served as director of the Department of Civil, Chemical and Environmental Engineering and, from November 2015 to October 2018, as member of the Academic Senate of the University of Genoa. In 2018 was elected Dean of the Polytechnic School of Engineering and Architecture of the University of Genoa. He is member of both the Scientific Board and the Board of Directors of the Honors Center of Italian Universities, University of Rome La Sapienza.