

EZIO TODINI

Ezio Todini, was Professor of Hydrology at the Faculty of Engineering of the University of Bologna until 2010; Vice-President of the International Association of Hydrological Sciences (IAHS) from 1992 to 1995. He has worked in many fields of Hydraulics, Hydrology and Water Resources Management publishing over 200 papers in national and international journals. It has generated and developed original ideas, models and computer programs such as the GGA, used for the development of EPANET, the Resilience Index for assessing water distribution networks performances, PAB and MCT for flood propagation and the CLS, ARNO and TOPKAPI hydrological catchment models. He has designed and implemented numerous real-time forecasting and management systems in Italy, Spain and the People's Republic of China. He has performed a large professional and consulting activity to national and supranational bodies such as WMO, FAO, UNEP, UNOPS and the World Bank. He has been the Founding President, and now is the Honorary President of the Italian Hydrological Society, member of the OPACHE group of the WMO and of the Scientific Councils of WWF and Green Cross Italia.

His recent research activity is focused on uncertainty in both the hydraulic and hydrological fields, focusing on predictive uncertainty and on optimal monitoring and leak detection in water distribution networks.