



**PROF. ILAN JURAN Executive Director of W-SMART
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Engineering Member of the Board of Experts of UNESCO-IHP**

BIO - Prof. Juran's expertise covers areas related to urban infrastructure engineering and innovative technologies for upgrading infrastructure performance, lifecycle management and resiliency. He earned his Doctorate of Engineering, in 1977, and Doctorate Es Science from the University of Paris VI, in 1987. Prof. Juran is the Executive Director of W-SMART, the International Alliance of Water and Wastewater Utilities for Sustainable water Security established in the aftermath of 9/11, at the initiative of the Commissioner of NY City Department of Environmental Protection. He is presently the Secretary of the Specialists Group on Water Safety & Security Management of IWA and served as the Associate Editor of the International Journal on Water Technology & Science published by IWA. Former Head of the Civil & Environmental Engineering Department at the Polytechnic Institute of New York University, Dr. Juran's responsibilities included development of educational programs and research initiatives relevant to the urban infrastructure priority needs. As the Executive Director of the Urban Infrastructure Institute Prof. Juran's R&D projects have involved demonstration and assessment of infrastructure technology solutions in a variety of emerging fields, including: waste recycling for polymeric construction composites; seismic retrofitting; infrastructure asset management; infrastructure rehabilitation technologies; post-disaster urban recovery; water safety and security; and water infrastructure monitoring and management systems. Working with the city infrastructure agencies and utilities these projects involved field assessment and demonstration of innovative technologies for NYC underground Infrastructure rehabilitation projects. Prof. Juran served as Chair of the Civil Society Initiative, which from 2006 to 2010 was supported by the UN General Secretariat, and is currently serving as a member of the Board of experts of UNESCO-IHP.