

Evolution of Water Supply Through the Millennia



Evolution of Water Supply Through the Millennia presents the major achievements in the scientific fields of water supply technologies and management throughout the millennia. It provides valuable insights into ancient water supply technologies with their apparent characteristics of durability, adaptability to the environment, and sustainability. A comparison of the water technological developments in several civilizations is undertaken. These technologies are the underpinning of modern achievements in water engineering and management practices. It is the best proof that “the past is the key for the future.”

Rapid technological progress in the twentieth century created a disregard for past water technologies that were considered to be far behind the present ones. There are a great deal of unresolved problems related to the management principles, such as the decentralization of the processes, the durability of the water projects, the cost effectiveness, and sustainability issues such as protection from floods and droughts. In the developing world, such problems were intensified to an unprecedented degree.

Moreover, new problems have arisen such as the contamination of surface and groundwater. Naturally, intensification of unresolved problems led societies to revisit the past and to reinvestigate the successful past achievements. To their surprise, those who attempted this retrospect, based on archaeological, historical, and technical evidence were impressed by two things: the similarity of principles with present ones and the advanced level of water engineering and management practices.

Evolution of Water Supply Through the Millennia is intended for engineers in water resources companies, hydraulic design companies, and water Institutes. It can be used for all courses related to water resources.

The PDF version of this title has been made Open Access in partnership with Knowledge Unlatched (KU), a library crowd-funding initiative. [Find out more here](#)[1].

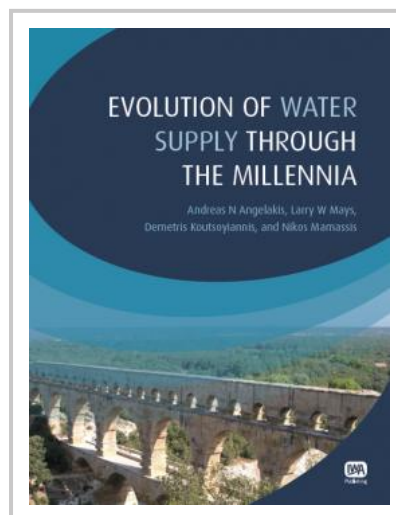
Authors

Andreas N. Angelakis, Institute of Iraklion, National Foundation for Agricultural Research (N.A.G.R.E.F.), Greece

Larry W. Mays, School of Sustainable Engineering and the Built Environment, Arizona State University, USA

Demetris Koutsoyiannis, School of Civil Engineering, National Technical University of Athens, Greece

Nikos Manassis, School of Civil Engineering, National Technical University of Athens, Greece



Publication Date: 14/04/2012

ISBN13: 9781843395409

eISBN: 9781780401041

Pages: 584

Print:

Standard price: £131 / €164 / \$197

Member price: £98 / €123 / \$147

eBook:

Standard price: £0 / €0 / \$0

Member price: £0 / €0 / \$0

Open Access eBook

