

1. Record Nr.	UNINA9910311933803321
Titolo	Evolution of water supply throughout the millennia // Andreas N. Angelakis ... [et al.]
Pubbl/distr/stampa	London ; ; New York, : IWA, 2012
ISBN	1-78040-104-3
Descrizione fisica	1 online resource (584 p.)
Altri autori (Persone)	AngelakisAndreas N
Disciplina	628.109
Soggetti	Water-supply - History Water-supply engineering - History Water use - History Water resources development - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Cover -- Copyright -- Contents -- List of authors -- List of reviewers -- Prolegomena: The evolution of water supply throughout the millennia -- ; Chapter 1: Ancient gods and goddesses of water / L. W. Mays and A. N. Angelakis -- ; Chapter 2: Water for human consumption through history / L. W. Mays, M. Sklivaniotis and A. N. Angelakis -- ; Chapter 3: History of water and health / Joanna M. Pope, Mark H. Weir and Joan B. Rosec -- ; Chapter 4: Diachronic evolution of water supply in the Eastern Mediterranean / K. Voudouris -- ; Chapter 5: Water and water supply technologies in ancient Iran / Seyed Ali Mahmoudian and Seyed Navid Mahmoudian -- ; Chapter 6: A historical perspective on the development of water supply in Egypt / F.A. El-Gohary -- ; Chapter 7: The impact of climate changes on the evolution of water supply works in the region of Jerusalem / A. S. Issar and M. Zohar -- ; Chapter 8: History of water supply in pre-modern China / P. Du and A. Koenig -- ; Chapter 9: Evolution of water supply technologies through the centuries in Crete, Greece / A. N. Angelakis, E. G. Dialynas and V. Despotakis -- ; Chapter 10: A brief history of urban water management in ancient Greece / N. Zarkadoulas, D. Koutsoyiannis, N. Mamassis and A. N. Angelakis -- ; Chapter 11: Sustainable water supply in pre-Columbian civilizations in Ancient Peru and South America / A. Reyes-Knoche -- ; Chapter 12: Historical

development of water supply in Cyprus / C. A. Kambanellas -- ; Chapter 13: Water supply in the Middle East during Roman and Byzantine periods / Benoît Haut and Didier Viviers -- ; Chapter 14: Water supply management technologies in the Ancient Greek and Roman civilizations / G. De Feo, P. Laureano, L. W. Mays and A. N. Angelakis -- ; Chapter 15: Water supply sustainability of ancient civilizations in Mesoamerica and the American south-west / Larry W. Mays -- ; Chapter 16: Water supply of Athens in the antiquity / E. D. Chiotis and L. E. Chioti -- ; Chapter 17: History of the water supply of Rome as a paradigm of water services development in Italy / P. Martini and R. Drusiani -- ; Chapter 18: The historical development of water supply to Iraklion, Crete, Greece from antiquity to the present / A. I. Strataridaki, E. G. Chalkiadakis and N. M. Gigourtakis -- ; Chapter 19: The historical development of water supply technologies in Barcelona, Spain / M. Salgot and A. N. Angelakis -- ; Chapter 20: Water services in Mexico City: The need to return to the IWRM principles of Tenochtitlán (700 years of water history) / B. Jiménez and D. Birrichaga -- ; Chapter 21: The evolution of water supply throughout the millennia: A short overview / Demetris Koutsoyiannis, Nikos Zarkadoulas, Nikos Manassis, Andreas N. Angelakis and Larry W. Mays.

Sommario/riassunto

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. 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.
