1. Record Nr. UNINA9910828750303321 Autore Crouch Dora P **Titolo** Water management in ancient Greek cities / / Dora P. Crouch New York,: Oxford University Press, 1993 Pubbl/distr/stampa **ISBN** 0-19-756026-1 1-280-44137-2 9786610441372 0-19-972821-6 1-60129-860-9 Edizione [1st ed.] Descrizione fisica 1 online resource (xx,380p.): ill., maps,plans Collana Oxford scholarship online Disciplina 628.1/0938 Soggetti Municipal water supply - Greece - Management - History Cities and towns, Ancient - Greece Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Previously issued in print: 1993. Includes bibliographical references (p. 347-366) and index. Nota di bibliografia Nota di contenuto Intro -- Contents -- List of Figures and Tables -- I: Introduction -- 1. Purposes and Methods -- 2. A Firm Archaeological Base for Urban History? Difficulties of Cross-Disciplinary Research -- II: Modern Questions About Ancient Water Control -- 3. Water System Evidence of Greek Civilization -- 4. Modern Insights About Ancient Water Management -- III: Greek Urbanism-Data and Theories -- 5. Urban Patterns in the Greek Period: Athens, Paestum, Morgantina, Miletus/Priene, and Pergamon as Formal Types -- 6. Greek Urbanization-Theoretical Issues -- IV: Geography and Geology -- 7. Karst: The Hydrogeological Basis of Civilization -- 8. Greek Settlements and Karst Phenomena: Corinth and Syracuse -- 9. Urban Location Determinants: Argos, Gela, and Pergamon -- 10. Natural Models for Water Elements -- V: Planning -- 11. Planning Water Management: Corinth and Syracuse -- 12. Planning Water Quality: Potable and Subpotable Water at Selinus and Priene -- VI: Supply, Distribution, Drainage -- 13. Early and Late Examples: A New Look at Olynthos and Pompeii -- 14. Morgantina's Agora-Design and Drains -- VII: Water

System Elements Described and Quantified -- 15. Scale Differences: Akragas and Morgantina -- 16. Clusters of Water System Elements --

VIII: Physical Constraints on Built Form -- 17. Urban and House Form Constrained by Water Resources-Morgantina -- 18. The Well-Watered Acropolis at Athens -- 19. Note on Testing the Water from the Asklepion Area, Athens -- IX: Amenity and Necessity -- 20. Architectural Expression of Public and Private Water Supply at Morgantina, Corinth, Athens, and Delos -- X: Conclusions: Learning from Greek Experience -- 21. Profile of Individual Water User -- 22. Discoveries About Greek Water Management -- 23. Thoughts on the History of Greek Urbanization -- Glossary -- Bibliography -- Index -- A -- B -- C -- D -- E -- F -- G -- H -- I.
J -- K -- L -- M -- N -- O -- P -- Q -- R -- S -- T -- U -- V -- W --

Sommario/riassunto

This is the first examination of the impact of technological developments on ancient Greek cities. Drawing on material from many disciplines, the author examines water system elements as they relate to each other and to the physical, historical, and social bases of ancient Greek cities. She concludes that increased knowledge and skill in management of water contributed directly to the urbanization of the ancient Greek world.