

1. Record Nr.	UNINA9910838360303321
Autore	Ahedo Josu
Titolo	Cultivar el Caracter en la Familia [[electronic resource]]
Pubbl/distr/stampa	Madrid : , : Dykinson, S.L., , 2021 ©2021
ISBN	84-1377-830-1
Descrizione fisica	1 online resource (178 pages)
Altri autori (Persone)	CaroCarmen
Disciplina	155.25
Soggetti	Personality development Character
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.

2. Record Nr.	UNINA9910958890203321
Autore	Stephenson David <1943->
Titolo	Water Supply Management / / by D. Stephenson
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 1998
ISBN	94-011-5131-8
Edizione	[1st ed. 1998.]
Descrizione fisica	1 online resource (x, 308 pages)
Collana	Water Science and Technology Library, , 1872-4663 ; ; 29
Disciplina	551.4
Soggetti	Geology Regional economics Space in economics Public health Engineering geology Regional and Spatial Economics Public Health Geoengineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	1 - Water Sources -- Availability of fresh water -- Surface water -- Groundwater -- Rainwater -- Wastewater and recycling -- Seawater or saline water -- Icebergs -- References -- 2 - Water Requirements -- Volumes required -- Planning basis -- Peak factors -- Pressure requirements -- Reservoir storage requirements -- Provision of water for fire fighting -- Water consumption patterns -- Conclusions -- References -- 3 - System Design -- Pipeline design -- Planning and optimization -- Friction in pipes -- Water hammer -- Load on buried pipes -- Soil-pipe interaction -- System requirements -- Pipe materials -- Distribution system -- Terminal consumer installations -- Valves and other fittings -- Reservoirs -- Pumping -- References -- 4 - Supply Management and Water Cost -- The supply cost of water -- Economic analysis -- Pumping system optimization -- Effect of scale -- The effect of obtaining water from further afield -- The economics of alternative water supplies — a South African case study -- Optimum pumping system pipe and reservoir sizes -- References -- 5 - Demand

Management, Price and Reliability -- The ownership issue -- Water charges for redistribution of wealth -- Benefits and costs of water supply -- Water consumption management -- The use and basis of water tariffs -- Theory of supply and demand -- Management by use of water tariffs -- Other types of water tariffs -- Reliability of supply -- Causes of failures -- System evaluation -- Water pollution risk -- References -- 6 - Drought Management of Reservoirs -- Basis of rationing -- Reservoir yield analysis -- Operating rules -- Case study -- References -- 7 - Conjunctive Use of Alternative Sources -- Ways of utilizing groundwater -- Conjunctive operation -- Optimization of conjunctive source use -- Artificial recharge -- Simulation model for simultaneous operation of Vaal Dam and groundwater -- References -- 8 - Loss Control and Rehabilitation -- Unaccounted for water -- Monitoring programme -- Economic assessment -- Recommendations regarding standards -- Factors influencing total water losses -- Water audits -- Water loss control -- Rehabilitation of pipelines -- References -- 9 - Asset Management and Computer Technology -- Management principles -- Information systems -- Financial management -- Benefits of asset management -- Information technology -- Continuous simulation of flow in pipe networks -- References -- 10 - Water Quality and Treatment -- Effects of polluted water -- Water quality standards -- Water treatment -- Water treatment processes for surface waters -- Sedimentation -- Filtration -- Removal of dissolved solids -- Dissolved organic substances -- Stabilisation -- Disinfection -- References -- 11 - Water Supply to Developing Communities -- The world population -- Financial priorities -- Water supply needs in developing communities -- Community participation -- Technical aspects -- Developments in supply -- Source of water -- Value of water -- Public involvement in identifying objectives -- Problems relevant to developing areas -- Affordability -- References -- 12 - Institutional and Legal -- Privatization -- Regulation -- Water law -- References.

Sommario/riassunto

Supply of sufficient clean drinking water is often taken for granted, but it requires a considerable technical and financial effort to ensure reliable and economic water supply. This volume presents an up-to-date overview of water supply management and aims at efficient management of water supply schemes rather than design of new works. Various chapters of the book are devoted to water demands, management of reservoirs and conjunctive use of alternative sources. Asset management and loss control are also considered. Water quality and provision of water to developing communities are also discussed. Water supply management is of concern to developed urban environments as well as developing communities. The book will be equally valuable to the practising water engineer and the newcomer or graduate student in the subject.