

1. Record Nr.	UNINA9910960921603321
Autore	Koch Paul <1960->
Titolo	Water sources / / by Paul Koch
Pubbl/distr/stampa	Denver, Colo., : American Water Works Association, c2010
ISBN	1-61300-113-4
Edizione	[4th ed.]
Descrizione fisica	1 online resource (205 p.)
Collana	Principles and practices of water supply operations series
Disciplina	628.1/1
Soggetti	Water-supply Water quality Water resources development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Rev. ed. of: Water sources. 2003.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p> ""Water Sources""; ""Contents""; ""Foreword""; ""Acknowledgments""; ""Introduction""; ""Water Supply Hydrology""; ""The Hydrologic Cycle""; ""GROUNDWATER""; ""SURFACE WATER""; ""VOLUME AND FLOW""; ""SELECTED SUPPLEMENTARY READINGS""; ""Groundwater Sources""; ""WATER WELL TERMINOLOGY""; ""WELL LOCATION""; ""TYPES OF WELLS""; ""WELL CONSTRUCTION PROCEDURES""; ""AQUIFER PERFORMANCE""; ""WELL OPERATION AND MAINTENANCE""; ""WELL ABANDONMENT""; ""SPRINGS AND INFILTRATION GALLERIES""; ""SELECTED SUPPLEMENTARY READINGS""; ""Surface Water Sources""; ""SURFACE RUNOFF""; ""SURFACE SOURCE CONSIDERATIONS""""WATER STORAGE""; ""INTAKE STRUCTURES""; ""SURFACE-SUPPLY OPERATING PROBLEMS""; ""SELECTED SUPPLEMENTARY READINGS""; ""Emergency and Alternative Water Sources""; ""CAUSES OF SOURCE DISRUPTION""; ""ALTERNATIVE WATER SOURCES""; ""INTERSYSTEM CONNECTION""; ""EMERGENCY PROVISION OF WATER""; ""WATER REUSE""; ""SELECTED SUPPLEMENTARY READINGS""; ""Use and Conservation of Water""; ""WATER USE""; ""WATER CONSERVATION""; ""WATER RIGHTS""; ""SELECTED SUPPLEMENTARY READINGS""; ""Water Quality""; ""WATER QUALITY CHARACTERISTICS""; ""FACTORS INFLUENCING SOURCE WATER QUALITY""""PUBLIC HEALTH SIGNIFICANCE OF WATER QUALITY""; ""PUBLIC WATER SUPPLY REGULATIONS""; ""SELECTED SUPPLEMENTARY READINGS""; ""Water </p>

Source Protection""; ""FUNDAMENTAL PRINCIPLES""; ""SURFACE WATER PROTECTION""; ""GROUNDWATER PROTECTION""; ""SELECTED SUPPLEMENTARY READINGS""; ""Glossary""; ""Index""

Sommario/riassunto

This college text introduces water sources for drinking water supply. Coverage includes the hydrologic cycle, development of water supply sources, raw water quality and characteristics, groundwater, surface water, conservation, and protection of drinking water sources. Part one of a five-volume series on drinking-water supply operations.
