

1. Record Nr.	UNINA9910818089203321
Titolo	Protecting groundwater for health : managing the quality of drinking-water sources // edited by Oliver Schmoll ... [et al.]
Pubbl/distr/stampa	London, : IWA Pub., 2006
ISBN	1-280-84156-7 9786610841561 92-4-068205-8
Edizione	[1st ed.]
Descrizione fisica	xix, 678 p. : ill
Collana	WHO drinking water quality series
Altri autori (Persone)	SchmollOliver
Disciplina	551.49
Soggetti	Drinking water - Quality Groundwater - Pollution - Prevention Wellhead protection
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Published on behalf of the World Health Organization ..."--T.p. verso.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	section 1. Scientific background -- section 2. Understanding the drinking-water catchment -- section 3. Situation analysis -- section 4. Approaches to drinking-water source protection management -- section 5. Approaches to pollution source management.
Sommario/riassunto	Protecting drinking-water resources is a key barrier in preventing health effects from pathogens and toxic chemicals. Effective action builds on cooperation amongst practitioners in many fields - drinking-water supply, health environment, land-use planning, agriculture and many more. Protecting Groundwater for Health provides a structured approach to analyzing hazards to groundwater quality, assessing the risk they may cause for a specific supply, setting priorities in addressing these, and developing management strategies for their control. This book presents tools useful for local and technical staff through to senior managers to assist them in developing and implementing strategies to protect groundwater for health. In 25 chapters, arranged into five sections, this book summarises which pathogens and chemicals are relevant to human health, how they are transported, reduced, removed or retarded; provides practical guidance on characterising the drinking-water catchment area and assessing

potential health hazards; provides guidance on prioritising both hazards and management responses; presents key information on potential management actions and explains their integration into a comprehensive Water Safety Plan from catchment to consumer; and describes policy, land-use planning and implementation of pollution prevention, groundwater, with overviews of specific management approaches applicable to agriculture, sanitation, industry, mining, military sites, waste disposal and traffic. Protecting Groundwater for Health brings together guidance on a range of issues into a single comprehensive framework. It is key reading for all those from many fields and disciplines involved in preventing disease through better management of drinking water sources.
