



Edinburgh

Murchison House
West Mains Road
Edinburgh
United Kingdom
EH9 3LA

Direct Line +44(0)131 6500389
E-mail amm@bgs.ac.uk

15 November 2005

Dear IAH member,

I have had many emails from hydrogeologists in Africa saying how difficult it is to obtain groundwater books. The IAH Burdon Commission (which is focusing on the role of hydrogeologists in achieving the Millennium Development Goals in sub-Saharan Africa) has been looking at ways to try and make access to books easier.

As a start, we are pleased to offer IAH members in sub-Saharan Africa a FREE groundwater book (excluding South African members for 2005). The books we are able to offer are described overleaf - most have direct relevance to the Millennium Development Goals. To claim your book please follow the simple steps below.

1. Please choose ONE of the books listed below as soon as possible
2. Email your choice of book to me with the email subject title "groundwater books". Include your name and IAH membership number in the email. My email is amm@bgs.ac.uk
3. I will then arrange for IAH to purchase this book and send it to your address

Other initiatives that IAH Burdon Commission are trying to set up in the near future, are

- a website with links to groundwater resources for Africa online
- newsletter for African hydrogeologists
- regional workshops and meetings

very best wishes

Dr Alan MacDonald
Chair of the IAH Burdon Commission



List of books - please choose one

1. Community water, community management

Ton Schouten and Patrick Moriarty 2002, 192 pages

This book is based on the experience gained over twenty years of working to strengthen the capacities of rural communities to manage their own water supply systems. The day-to-day experiences of twenty two communities in six different countries - with differing geographical, socio-economic and cultural settings - are at the heart of this fascinating book. Supplemented with research findings, it shows the power and creativity with which community people work to keep their water supply systems operational, and it also shows their struggles and difficulties.

2. Developing Groundwater: a guide for rural water supply

Alan MacDonald, Jeff Davies, Roger Calow and John Chilton 2005, 384 pages

Developing Groundwater provides a user-friendly guide to groundwater in rural areas, bringing together for the first time the wide range of techniques required to develop groundwater for community water supplies. This practical manual gives information on effective geophysical techniques for siting wells and boreholes, assessing the sustainability of sources using pumping tests, constructing boreholes and wells, and the water quality aspects of rural water supplies. The authors set the technical aspects of rural water supply firmly in their socio-economic context, so that readers can take proper account of community concerns as well as purely engineering questions.

3. Field Geophysics

John Mislom 2003, 244 pages

This handy pocket-sized book provides practical information and assistance to anyone engaged in small-scale geophysical surveys on the ground. The 3rd edition updates the considerable changes in instrumentation, and far-reaching developments in applications that have occurred since 1996. New sections include details on Ground Penetrating Radar, VLF and CSAMT/MT, GPS navigation, electromagnetic methods of conductivity mapping, capacity coupling, and audiomagnetotellurics (AMT).

4. Geochemistry, groundwater and pollution 1st Edition Appelo and Postma, 1994, 534 pp

This book offers a quantitative approach to the study of groundwater quality and the interactions between water, minerals, gases and pollutants. The basic geochemical notions are presented and applied in textbook style. Geochemical and mass transport in aquifers are discussed, together with algorithms that couple solute transport and chemical reactions. The applicability of the developed concepts is demonstrated with detailed examples throughout the book.

5. Groundwater and human development

by Emilia M. Bocanegra (Editor), Mario A. Hernandez (Editor), Eduardo Usunoff (Editor) 2005, 278 pages

Given the overwhelming availability of groundwater resources as compared to surface water resources, it has long been recognized that groundwater plays a central role in the development of human societies. In short, groundwater IS life. Its direct and most visible use is for human supply, although it has profound impacts in health improvement and poverty alleviation. The XXXII IAH (International Association of Hydrogeologists) and VI ALHSUD (Latin-American Association of Groundwater Hydrology for Development) Congress on "Groundwater and Human Development", held between October 21 and 25, 2002, in Mar del Plata (Argentina), gathered over 400 participants from more than 40 countries, who were able to exchange experiences and knowledge from their research. This book contains selected papers, plenary lectures and material from several workshops held, as a way of showing the contribution of modern Hydrogeology to addressing the ever-increasing need of human kind for meeting their demand for fresh and safe water.

6. Shallow groundwater systems

Peter Dillon and Ian Simmers, 1998, 240 pages

This volume of papers, amplified and edited from presentations at the IAH XXV Congress Water Down Under, Adelaide November 1994, explores practical aspects of soil and surface water interactions with groundwater, including modeling of flow and contaminant transport in the unsaturated and saturated zones.