

# Literaturübersicht

## Allgemeine Lehrbücher

APPELO, C. A. J. & POSTMA, D. (2005): *Geochemistry, Groundwater and Pollution*, Second Edition, Taylor & Francis, 672 p. [ISBN-10: 0415364280, ISBN-13: 978-0415364287]

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## Grundwassermodellierung

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## **Das deutschsprachige Standardwerk**

### **Lehrbuch der Hydrogeologie (Schweizerbart-Verlag, Stuttgart)**

MATTHESS, G. (2009): Die Beschaffenheit des Grundwassers, (Lehrbuch der Hydrogeologie Bd. 2), 499 S., 139 Abb., 116 Tab. [ISBN 3- 443-01008-3]

KÄSS, W. (2004): Geohydrologische Markierungstechnik, (Lehrbuch der Hydrogeologie Bd. 9), 557 S., 239 Abb., 43 Tab., 8 Farbtaf. [ISBN 3-443-01050-4]

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HEITFELD, K.-H. (1991): Talsperren (Lehrbuch der Hydrogeologie Bd. 5), 468 S., 354 Abb., 36 Tab. [ISBN 3-443-01009-1]

MOSER, H.; RAUERT, W. (1980): Isotopenmethoden in der Hydrologie (Lehrbuch der Hydrogeologie Bd. 8), 400 S., 227 Abb., 32 Tab. [ISBN 3-443-01012-1]



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## Internet Linkliste

[www.wikipedia.org/wiki/grundwassermodell](http://www.wikipedia.org/wiki/grundwassermodell)

## Wissenschaftliche Zeitschriften



### Ground Water

Journal of the Association of Ground Water Scientists and Engineers, a Division of the National Ground Water Association. A National Ground Water Association Publication. Edited by: Mary P. Anderson

Wiley-Blackwell Publishers

Print ISSN: 0017-467X, Online ISSN: 1745-6584

ISI Journal Citation Reports® Ranking: 2007: 51/137 (Geosciences, Multidisciplinary); 12/59 (Water Resources)

Impact Factor: 1.441

*Ground Water* is the leading international journal focused exclusively on ground water. Since 1963, *Ground Water* has published a dynamic mix of papers on topics related to ground water including ground water flow and well hydraulics, hydro-geochemistry and contaminant hydrogeology, application of geophysics, groundwater management and policy, and history of ground water hydrology. The journal emphasizes articles that include presentation of theory with practical application. Several types of contributions are accepted including Research Papers, Technical Notes (short, focused research papers), Computer Notes, Review Papers and Issue Papers, which examine in detail a topic of interest to the general readership and may be opinion-based. The journal also regularly publishes guest editorials and technical commentary, history articles, book reviews and a software column. Case studies are accepted only if the paper also includes new information of general interest and application. As all ground water professionals read this journal regularly, the journal boasts a circulation of over 10,000 readers. Some of the papers in every issue of *Ground Water* address issues that appeal to a larger audience of soil scientists, surface water hydrologists, ecologists, limnologists and oceanographers.



### Hydrogeology Journal

Official Journal of the International Association of Hydrogeologists

Executive Editor: C.I. Voss

ISSN: 1431-2174 (print version)

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Journal no. 10040, Springer

Impact Factor: 1.122 (2007)

Section "Geosciences, interdisciplinary": Rank 66 of 137

Section "Water resources": Rank 23 of 59

*Hydrogeology Journal* was founded in 1992 to foster understanding of hydrogeology; to describe worldwide progress in hydrogeology; and to provide an accessible forum for scientists, researchers, engineers, and practitioners in developing and industrialized countries. Since then, the journal has earned a large worldwide readership. Its peer-reviewed research articles integrate subsurface hydrology and geology with supporting disciplines: geochemistry, geophysics, geomorphology, geobiology, surface-water hydrology, tectonics, numerical modeling, economics, and sociology. Articles explore theoretical and applied aspects of hydro-geologic science, including studies ranging from local areas and short time periods to global problems and geologic time; innovative instrumentation; water-resource and mineral-resource evaluations; overviews of hydro-geologic systems of interest in various regions, and more.



## Journal of Hydrology

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Editors-in-Chief: P. Baveye, L. Charlet, K.P. Georgakakos, G. Syme

*The Journal of Hydrology* publishes original research papers and comprehensive reviews in all the subfields of the hydrological sciences. These comprise, but are not limited to the physical, chemical, biogeochemical, stochastic and systems aspects of surface and groundwater hydrology, hydrometeorology and hydrogeology. Relevant topics in related disciplines such as climatology, water resource systems, hydraulics, agrohydrology, geomorphology, soil science, instrumentation and remote sensing, civil and environmental engineering are also included. Papers have empirical, theoretical and applied orientations.



## Grundwasser

Zeitschrift der Fachsektion Hydrogeologie in der Deutschen Gesellschaft für Geowissenschaften (FH-DGG)

Haupterausgeber: P. Grathwohl

ISSN: 1430-483X (gedruckte Version)

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Zeitschriften Nr. 767

Springer

*Grundwasser* ist eine internationale, deutschsprachige Zeitschrift für Themen, die das unterirdische Wasser betreffen. Sie bietet ein Forum zur Veröffentlichung aktueller Entwicklungen aus Wissenschaft und Praxis. Das Spektrum der Beiträge umfasst insbesondere folgende Themenbereiche Hydrogeologie, Grundwasserhydraulik, Grundwasserbeschaffenheit und -güte, Grundwassererschließung und -bewirtschaftung, Heil- und Mineralwässer, Grundwassermodellierung, Grundwassermarkierung, Stofftransport mit dem Grundwasser, Isotopenhydrologie, Grundwasserschutz, Grundwasserüberwachung bei Deponien und Altlasten, Sanierung grundwasserkontaminierter Standorte, Hydrologie, Hydrogeothermie, Brunnenbau. Die Zeitschrift enthält zudem einen nachrichtlichen Teil, der dem Austausch aktueller Informationen aus dem Fachbereich dient.

## Water Resources Research

Publisher: American Geophysical Union (AGU)

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AGU publishes highly respected, peer-reviewed scientific journals, including the *Journal of Geophysical Research*, which comprises seven disciplinary sections, and the highly cited *Reviews of Geophysics*. AGU members are offered MultiChoice packets and virtual journals, which are articles electronically compiled from AGU's suite of journals based on topics selected by Editors or subjects determined by index terms. As a publisher of peer-reviewed materials, AGU relies on Editors to ensure that articles meet scientific criteria and are relevant to the scientific community. Detailed information about AGU Editors and their responsibilities and authorities, and current searches is available.

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social and policy sciences, including economics, systems analysis, sociology, and law.

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zusammengestellt von Prof. Dr. Ralph Watzel, Februar 2010