



SPECIAL ISSUES and TOPICAL COLLECTIONS in Hydrogeology Journal

The International Association of Hydrogeologists (IAH) is a scientific and educational charitable organisation for scientists, engineers, water managers and other professionals working in the fields of groundwater resource planning, management and protection. *Hydrogeology Journal* is the official journal of IAH.

SPECIAL ISSUES

Year	Issue	Special Issue Title	Guest Editors
2025	33:04	Interplay of Groundwater, Geology and Geological Processes	Jianwen Yang and John Molson
2024	32:01	Hydrogeology of Arid Environments	Stephan Schulz, Viviana Re, Seifu Kebede, Osman Abdalla, Wenke Wang, Craig Simmons and Nils Michelsen
2023	31:06	Geostatistics and Hydrogeology	Philippe Renard, J. Jaime Gómez-Hernández, Maria-Theresia Schafmeister and Emmanouil A. Varouchakis
2021	29:01	Five Decades of Advances in Karst Hydrogeology	Augusto S. Auler and Zoran Stevanović
2020	28:01	Advances in Hydrogeologic Understanding of Australia's Great Artesian Basin	Carlos Miraldo Ordens, Neil McIntyre, Jim R. Underschultz, Tim Ransley, Catherine Moore and Dirk Mallants
2019	27:03	Groundwater in Sub-Saharan Africa	Yongxin Xu, Paul Seward, Cheikh Gaye, Lixiang Lin and Daniel O. Olago
2018	26:05	Groundwater Sustainability in Fast-Developing China	Yanxin Wang, Rui Ma, Wenke Wang and Xiaosi Su
2017	25:04	Hydrogeology and Human Health	Paul Hynds, Mark A. Borchardt and Motomu Ibaraki
2016	24:03	Land Subsidence Processes	Devin Galloway, Gilles Erkens, Eve Kuniansky and Joel Rowland
2015	23:06	Optimization for Groundwater Characterization and Management	Bithin Datta, George Kourakos and Brian Wagner
2014	22:01	Hydrogeology of Shallow Thermal Systems	Diana Allen, Peter Bayer, Grant Ferguson and Philipp Blum
2013	21:01	Hydrogeology of Cold Regions	Larry Hinzman, Georgia Destouni and Ming-Ko Woo
2012	20:05	Economics of Groundwater Management	Peter Reinelt, Nicholas Brozović, Ejaz Qureshi and Petra Hellegers
2011	19:01	Insights from Environmental Tracers in Groundwater Systems	Ward Sanford, Werner Aeschbach-Hertig and Andrew Herczeg

2010	18:01	Saltwater and Freshwater Interactions in Coastal Aquifers	Vincent Post and Elena Abarca
2009	17:01	Hydrogeoecology and Groundwater Dependent Ecosystems	Peter Hancock, Randall Hunt and Andrew Boulton
2007	15:01	Remote Sensing and GIS in Hydrogeology	Jörn Hoffman and Per Sander
2006	14:03	Social and Economic Aspects of Groundwater Governance	Ramon Llamas, Aditi Mukherji and Tushaar Shah
2005	13:01	The Future of Hydrogeology	Clifford Voss
2004	12:01	Groundwater - from Development to Management	Karin Kemper
2003	11:01	Hydromechanics in Geology and Geotechnics	Ove Stephansson
2002	10:01	Groundwater Recharge	Bridget Scanlon and Peter Cook
2001	09:01	Confining Units	Vicki Remenda
2000	08:01	Groundwater and Microbial Processes	Barbara Bekins
1999	07:01	Groundwater as a Geologic Agent	József Tóth
1998	06:01	Tribute to Eugene S. Simpson	Shlomo Neuman and Michael Campana
1997	05:01	Groundwater Processes in Land and Water Salinisation	Gerry Jacobson
1996	04:01	Urban Groundwater	David Lerner

TOPICAL COLLECTIONS

Year	Issue*	Topical Collection Title	Lead Authors (overview essay)	No. Articles
2025	33:08	Progress in groundwater investigation, monitoring and management in South Africa	Matthys Alois Dippenaar	7
2023	31:01	International Year of Groundwater	Marco Petitta, David Kreamer, Ian Davey, Jane Dottridge, Alan MacDonald, Viviana Re and Teodóra Szőcs	8
2022	30:05	Advancements in hydrogeological knowledge of Haiti for recovery and development	James K. Adamson, Alexis Gutierrez, Sergio Perez-Monforte, María Rodríguez-Vera, G. Thomas LaVanchy, Gerald Jean-Baptiste, Evens Emmanuel, Emmanuel Moliere, Richard Gelting, Wm. Javan Miner and Stuart Dykstra	8
2021	29:08	Progress in fractured-rock hydrogeology	Uwe Troeger and Antonio Chambel	6

2021	29:02	Groundwater recharge and discharge in arid and semi-arid areas of China	Wenke Wang, Zaiyong Zhang, Lihe Yin, Lei Duan and Jinting Huang	7
2020	28:03	Hydrogeology of a cold-region watershed near Umiujaq (Nunavik, Canada)	Jean-Michel Lemieux, Richard Fortier, John Molson, René Therrien and Michel Ouellet	7
2019	27:02	Determining groundwater sustainability from long-term piezometry in Sub-Saharan Africa	Richard G. Taylor, Guillaume Favreau, Bridget R. Scanlon and Karen G. Villholth	5
2018	26:08	Coastal aquifers in the Middle East and North Africa Region	Mingjie Chen and Ali Al-Maktoumi	5
2018	26:06	Celebrating 50 years of SWIMs (Salt Water Intrusion Meetings)	Vincent E. A. Post, Gualbert Oude Essink, Adam Szymkiewicz, Mark Bakker, Georg Houben, Emilio Custodio, and Clifford Voss	4
2018	26:03	Climate-change research by early-career hydrogeologists	Viviana Re, Carlos H. Maldaner, Jason J. Gurdak, Marc Leblanc, Tales Carvalho Resende and Tibor Y. Stigter	4
2017	25:06	Groundwater-based agriculture in the Mediterranean	Marcel Kuper, Christian Leduc, Sylvain Massuel and Sami Bouarfa	8
2016	24:04	Hydrogeology of the Sacramento Mountains and the Roswell and Salt basins, New Mexico, USA	Brent Newman, Lewis Land, Fred Phillips and Geoffrey Rawling	6
2016	24:02	Groundwater for emergency use and human security	Jaroslav Vrba and Fabrice Renaud	4
2014	22:06	Hydrogeological safety assessment modeling for the proposed high-level nuclear waste repository site at Forsmark, Sweden	Jan-Olof Selroos and Sven Follin	4
2014	22:02	Modeling of bed-rock hydrogeology for the proposed high-level nuclear waste repository site at Forsmark, Sweden	Jan-Olof Selroos and Sven Follin	4
2013	21:08	Deep hydrogeology	Chin-Fu Tsang and Auli Niemi	3
2009	17:05	Task 6 of the Äspö Task Force on modelling of groundwater flow and transport of solutes	Gunnar Gustafson, Björn Gylling and Jan-Olof Selroos	6

*Two early issues documented contributions to the IAH congress in Oslo (Norway) in 1993:

1994, 02:02 – Hydrogeology of Hard Rocks: applied aspects of groundwater resources and hydrogeochemistry

1994, 02:03 – Hydrogeology of Hard Rocks: mathematical contributions

Hydrogeology Journal: <https://www.springer.com/journal/10040>

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