

Special Issue Reprint

Socio-Hydrology: The New Paradigm in Resilient Water Management

www.mdpi.com/books/reprint/4546

Edited by

Tamim Younos

Tammy Parece

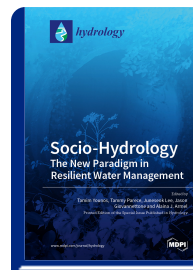
Juneseok Lee

Jason Giovannettone

Alaina J. Armel

ISBN 978-3-0365-2203-6 (Hardback)

ISBN 978-3-0365-2204-3 (PDF)



During the third decade of the 21st century, human societies across the world are facing significant water-related problems, such as ecosystem degradation, groundwater depletion, natural and anthropogenic droughts and floods, water-borne health issues, and deforestation. They are exacerbated by climate change, a phenomenon that has been accelerated due to human intervention in natural systems since the industrial revolution. There is an urgent need to better understand the interaction of hydrological systems in terms of climate variability and the anthropogenic factors that contribute to the dynamics and resilience of coupled human–water systems and effective risk management in the area of water resource management. Socio-hydrology is an interdisciplinary field that integrates natural and social sciences and aims to study the long-term dynamics of bidirectional feedback in coupled human–water systems. This SI aims to compile cross-disciplinary scientific endeavors and innovations in research on the development, education, and application of coupled human–water systems. It represents diverse and broad aspects of water management in the context of socio-hydrology systems around the globe. This is dedicated to the friends of the Green Water-Infrastructure Academy and those who pursue cross-disciplinary water research, education, and management.



Order Your Print Copy

You can order print copies at

www.mdpi.com/books/reprint/4546

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.