



Section 13

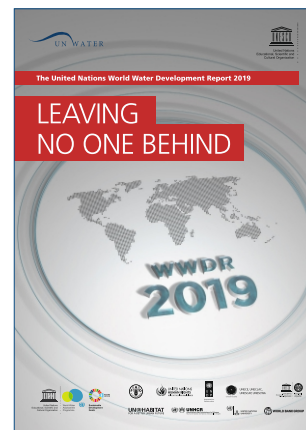
Publications in 2019

UN World Water Development Report 2019: Leaving no one behind

Published by: UN Water

URL: <https://www.unwater.org/publications/world-water-development-report-2019/>

The Report demonstrates how improvements in water resources management and access to water supply and sanitation services are essential to addressing various social and economic inequities. Fulfillment of the human rights to water and sanitation requires that the services be available, physically accessible, equitably affordable, safe and culturally acceptable. 'Leaving no one behind' is at the heart of the commitment of the 2030 Agenda, which aims to allow all people in all countries to benefit from socio-economic development and to achieve the full realization of human rights.



Protocol on Water and Health and the 2030 Agenda: A Practical Guide for Joint Implementation

Published by: UNECE, WHO

URL: <http://www.unece.org/environmental-policy/conventions/water/envwaterpublicationspub/water/brochures-about-the-protocol-on-water-and-health/2019/protocol-on-water-and-health-and-the-2030-agenda-a-practical-guide-for-joint-implementation/doc.html>

The Practical Guide for Joint Implementation provides step-by-step guidance on how to identify, establish and operationalize the links between the Protocol and the 2030 Agenda.

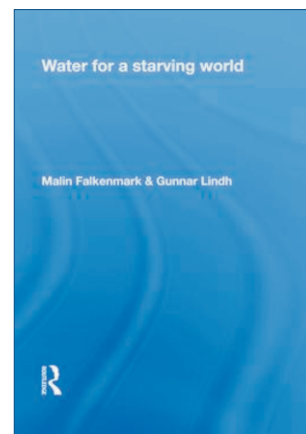


Water for a Starving World

Authors: Malin Falkenmark, Gunnar Lindh

URL: <https://www.taylorfrancis.com/books/9780429267260>

This book describes the role of water in development and illustrates water problems in different parts of the world with particular emphasis on the problems of the starving continents. It shows what tools will be needed and what can be done to bring the world's water under human control.

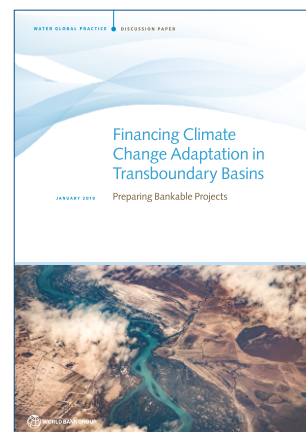


Financing Climate Change Adaptation in Transboundary Basins: Preparing Bankable Projects

Published by: UNECE, WB

URL: <http://www.unece.org/index.php?id=51488>

This report highlights the challenges and opportunities that countries face when seeking to access financial resources for climate adaptation in a transboundary river basin context. The paper explains how resilience building and taking a basin-level approach may allow countries and river basin organizations to use resources effectively for the greatest possible benefit. It outlines basic characteristics and criteria for the preparation of bankable project proposals.

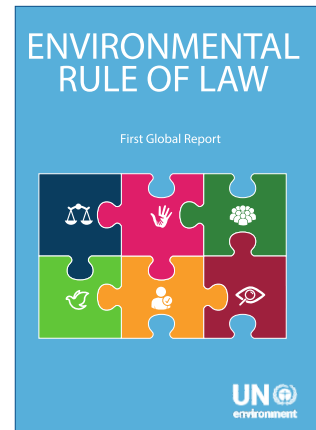


Environmental Rule of Law. First Global Report

Published by: UNEP

URL: <https://www.unenvironment.org/resources/assessment/environmental-rule-law-first-global-report>

The Report meets five objectives: (1) explore the meaning and importance of environmental rule of law; (2) highlight trends in environmental rule of law; (3) illustrate specific approaches that have strengthened environmental rule of law; (4) provide a benchmark against which to assess future developments; and (5) identify measures that countries can take to further strengthen environmental rule of law.

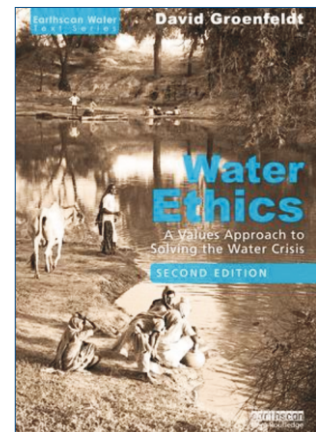


Water Ethics: A Values Approach to Solving the Water Crisis

Author: David Groenfeldt

URL: <https://www.taylorfrancis.com/books/9781351200196>

The book introduces the idea that ethics are an intrinsic dimension of any water policy, program, or practice, and that understanding what ethics are being acted out in water policies is fundamental to an understanding of water resource management.



Facing the Challenges of Water Governance

Editors: Simon Porcher, Stéphane Saussier

URL: <https://www.springer.com/gp/book/9783319985145>

Drawing together empirical studies from countries around the world, the editors and contributors combine extensive data to review the individual challenges facing each country, from the supervision of autonomous regulatory bodies to the question of centralization and the influence of local utility companies.

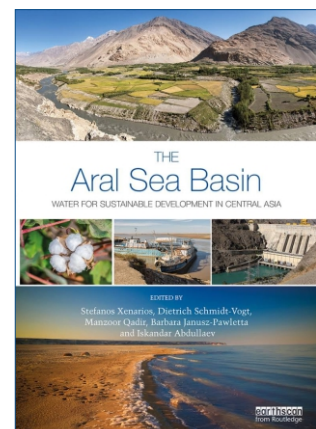


The Aral Sea Basin: Water for Sustainable Development in Central Asia

Authors: Stefanos Xenarios, Dietrich Schmidt-Vogt, Manzoor Qadir, Barbara Janusz-Pawletta, Iskandar Abdullaev

URL: <https://www.routledge.com/The-Aral-Sea-Basin-Water-for-Sustainable-Development-in-Central-Asia/Xenarios-Schmidt-Vogt-Qadir-Janusz-Pawletta-Abdullaev-Smakhtin/p/book/9781138348882>

This book offers the first multidisciplinary overview of water resources issues and management in the Aral Sea Basin, covering both the Amu Darya and Syr Darya River Basins. This book critically examines the current state, trends and future of water resources management and development in this major part of the Central Asia region.



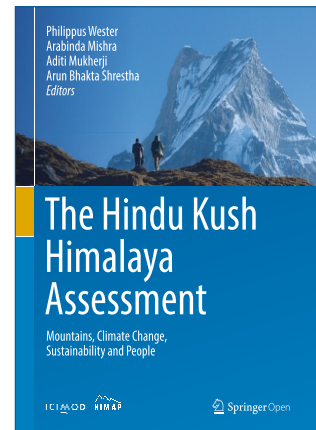
The Hindu Kush Himalaya Assessment: Mountains, Climate Change, Sustainability and People

Editors: Ph.Wester, A.Mishra, A.Mukherji, A.Bh.Shrestha

Published by: Springer

URL: <https://doi.org/10.1007/978-3-319-92288-1>

It is the first comprehensive assessment of the Hindu Kush Himalaya (HKH) region providing: overviews: HKH drivers of change; climate change; future scenarios; sustaining HKH biodiversity and ecosystem services; meeting future energy needs in the HKH; status and change in the cryosphere; water availability and use; food and nutrition security; disaster risk reduction and increasing resilience; mountain poverty, vulnerability and livelihoods; adaptation strategies; gender and inclusive development; migration; governance and institutions.



Water Politics: Governance, Justice and the Right to Water

Editors: Farhana Sultana, Alex Loftus

URL: <https://www.taylorfrancis.com/books/e/9780429453571>

The book shows how both discourses and struggles around the right to water have opened new perspectives, and possibilities in water governance, fostering new collective and moral claims for water justice, while effecting changes in laws and policies around the world.

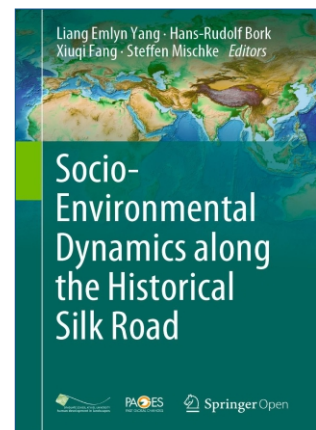


Socio-Environmental Dynamics along the Historical Silk Road

Editors: L. Yang, H.-R. Bork, X. Fang, S. Mischke

URL: <https://www.springer.com/gp/book/9783030007270>

The book introduces, by literature reviews, the issue of the links and processes behind climate change, environmental change, and socio-culture change in the past at the ancient Silk Road region. Studies indicate both that climate conditions significantly influence human socio-cultural systems and that the socio-culture systems are certainly resilient to climate impacts.

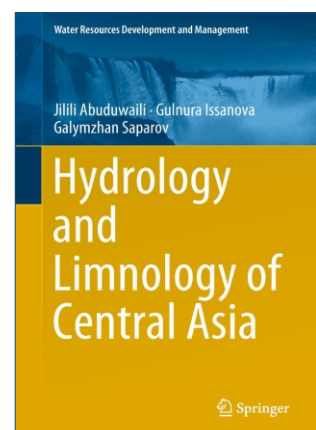


Hydrology and Limnology of Central Asia

Authors: Jilili Abuduwaali, Gulnura Issanova, Galymzhan Saparov

URL: <https://www.springer.com/gp/book/9789811309281>

This book highlights the development of lake systems and water reservoirs as well as the impact of climate change on water resources in Central Asian countries. It provides information on the genesis of lake basins, physical and chemical properties of water in lakes, and the hydrological regimes (water balance and fluctuation levels) of lakes of Central Asia and Xinjiang.



Pipe dreams: Water and Empire in Central Asia's Aral Sea Basin

Author: Maya Peterson

URL: <http://www.water-alternatives.org/index.php/boh/item/60-pipe>

The book stands as an indispensable exploration of the social and environmental change in Central Asia that has led to the disappearance of the Aral Sea. Peterson traces the roots of this ecological tragedy from tsarist modernizing visions and imperial incursions of the mid-1800s to the Bolshevik revolution of 1917 and onward through Stalin's grand projects that transformed the region. Drawing on vast archival research and sources across Central Asia and Russia, Peterson succeeds in forging a rich, authoritative narrative from the perspectives of Russians, indigenous peoples of Turkestan, and foreigners present at the time.

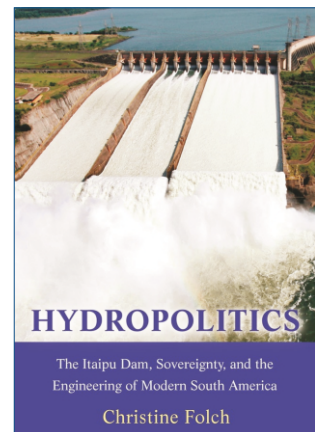


The Itaipú Dam, Sovereignty, and the Engineering of Modern South America

Author: Christine Folch

URL: <http://www.water-alternatives.org/index.php/boh/item/79-itaipu>

Based on in-depth, ethnographic fieldwork conducted from 2007 to 2010 (with follow-up visits in 2013, 2016 and 2017), this well-researched book traces the complex 'hydropolitics' of the Itaipú dam, the binational giant that straddles the Parana River and is co-owned by the Paraguayan and Brazilian public utilities, ANDE and Eletrobras.

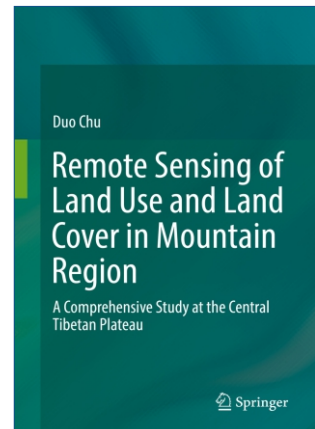


Remote Sensing of Land Use and Land Cover in Mountain Region: A Comprehensive Study at the Central Tibetan Plateau

Author: Duo Chu

URL: <http://www.springer.com/gp/book/9789811375798>

This book presents the spatial and temporal dynamics of land use and land cover in the central Tibetan Plateau during the last two decades, based on various types of satellite data, long-term field investigation and GIS techniques. Further, it demonstrates how remote sensing can be used to map and characterize land use, land cover and their dynamic processes in mountainous regions, and to monitor and model relevant biophysical parameters.

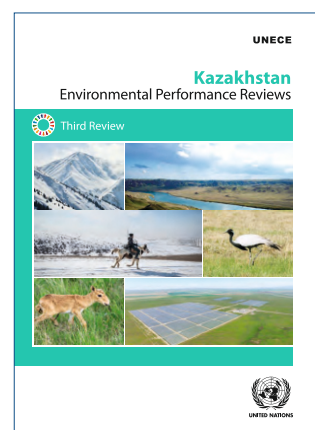


3rd Environmental Performance Review of Kazakhstan

Published by: UNECE

URL: <http://www.unece.org/index.php?id=51819&L=0>

The present publication contains the third Environmental Performance Review of Kazakhstan. The report takes stock of progress made by the country in the management of its environment since 2008. It covers legal and policy frameworks, greening the economy, environmental monitoring, and public participation and education for sustainable development.



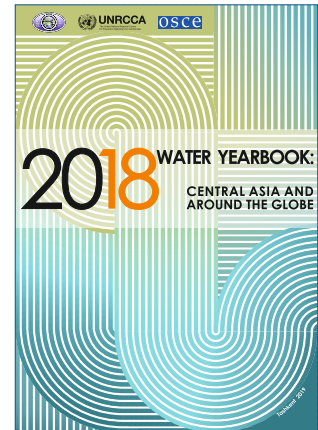
2018 Water Yearbook: Central Asia and Around the Globe (in English and Russian)

Editors: V.A.Dukhovniy, D.R. Ziganshina

Published by: SIC ICWC with support of UNRCCA and OSCE

URL: http://cawater-info.net/yearbook/pdf/yearbook2018_en.pdf

The Yearbook covers key water-related developments and events in 2018 that can be of interest for ICWC and all concerned parties.



Science and Innovations for Water Security, Issues 1&2 (in Russian)

Published by: SIC ICWC

URL: http://cawater-info.net/library/rus/eecca_papers_collection_vol_13_2019.pdf

http://cawater-info.net/library/rus/eecca_papers_collection_vol_14_2019.pdf

The collection of scientific papers by EECCA NWO reflects the current state of research and innovations in water sectors of EECCA countries.



Selected Treaties on Transboundary Waters Signed in Europe and Asia (1992-2019) (in Russian)

Published by: SIC ICWC

URL: <http://cawater-info.net/library/rus/eecca-law-2019.pdf>

This collection includes treaties concluded since 1992.



UN General Assembly Resolutions on Water Initiated by Central Asian Countries (in Russian)

Published by: SIC ICWC

URL: http://www.cawater-info.net/library/rus/un_resolutions_water.pdf

The collection includes UN General Assembly resolutions dedicated to important regional initiatives, such as the declaration of the International Year of Freshwater and the International Decades "Water for Life" and "Water for Sustainable Development", and to cooperation between the International Fund for Saving the Aral Sea and the United Nations.



“SIC ICWC Legal Collections” Series (in Russian)

Published by: SIC ICWC

URL: <http://cawater-info.net/library/legal3.htm>

Published:

- Improvement of the Public Water and Land Administration System in the Kyrgyz Republic (Issue 50);
- Transboundary Water Cooperation between Finland and Russia, Sweden and Norway (Issue 49);
- Improvement of the Public Administration System in Agriculture of the Republic of Uzbekistan (Issue 48);
- Improvement of the Public Administration System in the Water Sector of the Republic of Uzbekistan (Issue 47).



Water Resources: Conflict or Cooperation? (in Russian)

Published by: SIC ICWC

URL: http://www.cawater-info.net/library/rus/water_conflicts.pdf

The collection consists of two parts. The first part provides case studies of water tensions between and within countries. The second part presents case studies of cooperation in world's basins that continues despite current hydrological, political or technical difficulties.



Central Asia, Geopolitics and Water - What the Future Holds (in Russian)

Published by: SIC ICWC

URL: <http://cawater-info.net/library/rus/inf/53.pdf>

The collection contains the papers dedicated to the role and place of Central Asia in the world geopolitics. The foreign policies of Russia, U.S., China, EU, Turkey, Iran, Pakistan, and India are still among the major factors influencing processes taking place in Central Asia.



Handbook on Water Resource Management in Uzbekistan (in Russian)

Author: V.I.Sokolov

Published by: GIZ Office Tashkent

URL: http://waterca.org/wp-content/uploads/2019/11/Handbook_WRM_Sokolov_RUS.pdf

This Handbook provides an overview of integrated water resources management in Uzbekistan.



25 Year-Long Service of the International Fund for Saving the Aral Sea and New Impetus for Development in the Aral Sea Region (in Russian)

Published by: GEF Agency of IFAS

URL: <https://aral.uz/doc/25ifas.pdf>

This brochure gives an overview of activities of the International Fund for Saving the Aral Sea over 25 years since its establishment.



XV International Scientific-Practical Symposium and Exhibition "2019 Clean Water of Russia" (in Russian)

Published by: RosNIIVKh

URL: <https://wrm.ru/files/chvr2019.pdf>

The proceedings of the XV International Scientific and Practical Symposium "Clean Water of Russia-2019" includes paper on matters related to water security as a factor of sustainable development, namely:

- Water security in the context of growing water scarcity;
- Assessment of the status of water bodies and their restoration;
- Water quality management;
- Prevention of water hazards and safety of hydraulic facilities;
- Provision of population with good quality drinking water;
- The role of science and education in the safe living environment.

The collection also includes the theses of projects submitted to the International Research Contest of Young Scientists and Students "Water Security: Society, Technology, and Research".



