

# Water Politics and Water Scarcity

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The following is material to consider for your syllabus. Specifically, there is:

- 1 Scholarly writing on water politics and water scarcity written by diverse scholars and experts
- 2 Scholarly writing providing geographic variety and geographically varied perspectives
- 3 Studies and analyses examining diversity, equity and inclusion-related dimensions of water politics and water scarcity

This is a living document; resources will be added and altered over time to ensure timeliness and quality. We would welcome your contributions and feedback.

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## GENERAL TOPIC WRITING

[Wilson, Nicole J, Leila M Harris, Joanne Nelson, and Sameer H Shah. "Re-Theorizing Politics in Water Governance." \*Water \(Basel\)\* 11, no. 7 \(2019\): 1470–.](#)

Key words: water governance, political ecology, Indigenous water governance, water rights, water insecurity, water justice, politics

[Liu, Junguo, Hong Yang, Simon N Gosling, Matti Kummu, Martina Flörke, Stephan Pfister, Naota Hanasaki, et al. "Water Scarcity Assessments in the Past, Present, and Future." \*Earth's Future\* 5, no. 6 \(2017\): 545–59.](#)

Key words: freshwater resources, green water, water quality, environmental flow requirements, virtual water, water footprint

[Taikan Oki & Rose E. Quiocho \(2020\) Economically challenged and water scarce: identification of global populations most vulnerable to water crises. \*International Journal of Water Resources Development\*, 36:2-3, 416-428](#)

Key words: water stress, available freshwater resources, water withdrawals, GDP, virtual water trade, grid analysis

[Richard Damania, The economics of water scarcity and variability, Oxford Review of Economic Policy, Volume 36, Issue 1, Spring 2020, Pages 24–44](#)

Key words: economic impacts of water scarcity and variability

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## REGION-SPECIFIC DISCUSSIONS OF WATER POLITICS AND WATER SCARCITY

[Xun Wu, Marc Jeuland & Dale Whittington \(2016\) Does political uncertainty affect water resources development? The case of the Eastern Nile, Policy and Society, 35:2, 151-163](#)

Key words: Nile Basin, uncertainty, hydro economic, optimization models, river basin governance

[Wright-Contreras, Lucía. "A Transnational Urban Political Ecology of Water Infrastructures: Global Water Policies and Water Management in Hanoi." Public Works Management & Policy 24, no. 2 \(April 2019\): 195–212.](#)

Key words: water governance, urban political ecology, safe drinking water, sustainable development goals, Vietnam

[Raul Pacheco-Vega, The Comparative Politics of Urban Water Policy in Mexico: Clientelism, Complexity, and Robust Governance, Journal of Public Administration Research and Theory, Volume 28, Issue 4, October 2018, Pages 618–620](#)

Key words: privatization, water supply

[Yang, Hong, and Alexander Zehnder. "China's Regional Water Scarcity and Implications for Grain Supply and Trade." Environment and Planning A: Economy and Space 33, no. 1 \(January 2001\): 79–95.](#)

Key words: water scarcity, resource depletion, North China Plain, social and economic development, climate change

[Daoudy, Marwa. "Water Weaponization in the Syrian Conflict: Strategies of Domination and Cooperation." International Affairs 96, no. 5 \(September 2020\): 1357–66.](#)

Key words: Syria, intrastate conflict, water weaponization, domination, legitimacy, cooperation, military tools, military targets, ISIS, PYD

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## **INTERSECTIONS: DEI & WATER POLITICS AND WATER SCARCITY**

[Brown, Thomas C, Vinod Mahat, and Jorge A Ramirez. "Adaptation to Future Water Shortages in the United States Caused by Population Growth and Climate Change." \*Earth's Future\* 7, no. 3 \(2019\): 219–34.](#)

Key words: adaptation, water demand, water supply, water shortage, climate change, adaptations, agriculture management, climate change

[Deng, Xiangzheng, and Chunhong Zhao. "Identification of Water Scarcity and Providing Solutions for Adapting to Climate Changes in the Heihe River Basin of China." \*Advances in Meteorology\* 2015 \(June 7, 2015\): 1–13.](#)

Key word: water scarcity, climatic changes, management, watersheds

[Falkenmark Malin 2013 Growing water scarcity in agriculture: future challenge to global water security \*Phil. Trans. R. Soc. A.\* 371:20120410](#)

Key words: water deficiency, socio-economic development, water supply, climatic phenomena, water partitioning disturbance

[David Leroy. "Farmers' Perceptions of and Adaptations to Water Scarcity in Colombian and Venezuelan Páramos in the Context of Climate Change." \*Mountain Research and Development\* 39, no. 2 \(May 1, 2019\): R21–R34.](#)

Key words: water user associations, adaptive capacity, irrigation agriculture, water shortage, ecosystem, environmental changes, high tropical Andes, local knowledge, local institutions