

WATER JUSTICE KNOWLEDGE EXCHANGE

Learn how researchers and community-based partners collaborate to achieve shared visions related to water and social justice.

Water, Climate, and Community Resilience: Lessons from Tanzania

Friday, August 22, 2025

7am MST

4pm Cape Town (GMT+2)

5pm Tanzania (GMT+3)

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Climate change is intensifying water insecurity in low- and middle-income countries (LMICs), yet local voices are often missing from adaptation planning. This study, conducted in low-income neighborhoods of Dar es Salaam, Tanzania, surveyed 364 households to understand perceptions, challenges, and adaptive actions. While most households (85%) were aware of climate change, one in five were unaware of its link to health such as waterborne diseases. Inconsistent water access, sometimes just 1–2 days a week forces family to spend up to 37% of their income on water, with women carrying the greatest collection burden. Education strongly influenced awareness and adaptation, but only 19% engaged in deliberate climate-resilient practices. Linking these insights to targeted policies, infrastructure investment, and gender-responsive strategies offers a path toward building climate-ready LMIC communities.



SPEAKER

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SPEAKER

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MODERATOR

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