

Water Related Challenges

Morocco

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Morocco's Water Management Paradox From Drought to Flood Management in a Few

Weeks

	Drought Situation (2024-2025)	Flood Situation (Dec 2025-Feb 202)	Change
Reservoir Storage	36%	>91%	+54 points
Rainfall	Below long-term needs	663.6mm	+73.2 % above normal
Water inflow to Reservoirs	Deficit condition	+163% above average	Exceptional increase
Al Wahda dam inflow	~1.5 billion m ³ (Dec 2005)	~4.0 billion m ³ (Feb 2026)	More than doubled
Dam Operations	Water Storage	2,200m ³ /s Release	Emergency Flood response

How to develop infrastructure and Governance system
capable of managing both extremes in the same season?

Source : Ministry of Infrastructure & Water

Urban Development Meets Flood Risk

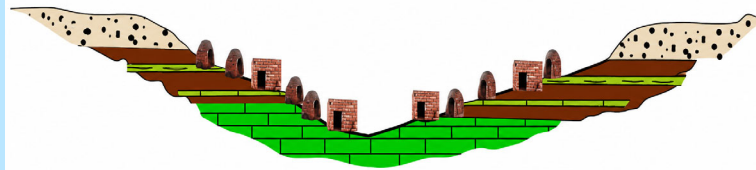


Safi Flash Floods – December 2025

- 👤 37 deaths
- 👥 2,800 people affected
- 🏢 700 businesses flooded
- 🏠 300 buildings damaged
- 🚗 10+ vehicles swept away

Challenges

- Traditional businesses located within the floodplain.
- Historical occupation makes relocation difficult.
- Limited flood-risk awareness increases vulnerability.
- Balancing heritage, livelihoods, and public safety remains challenging.



WATER SECURITY AS A FOUNDATION FOR PEACE, POVERTY REDUCTION, DEVELOPMENT AND SOCIAL STABILITY



PEACE

- Reduced Competition for water
- Equitable Water allocation
- Social Stability during Flood and drought with effective management



POVERTY REDUCTION

- Protection of livelihoods and infrastructure
- Reduced disaster impact
- Economic resilience



SANITATION

- Reliable water and sanitation infrastructure
- Reduced contamination during flood
- Improved public health