

Integrating water resources management (WRM) and water, sanitation and hygiene (WASH) in practice – a cooperation framework

UNICEF, UNDP and SIWI

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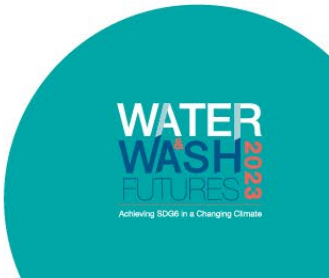
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FUTURES

Achieving SDG6 in a Changing Climate



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Cooperation Opportunities for Improved Integration Across SDG6

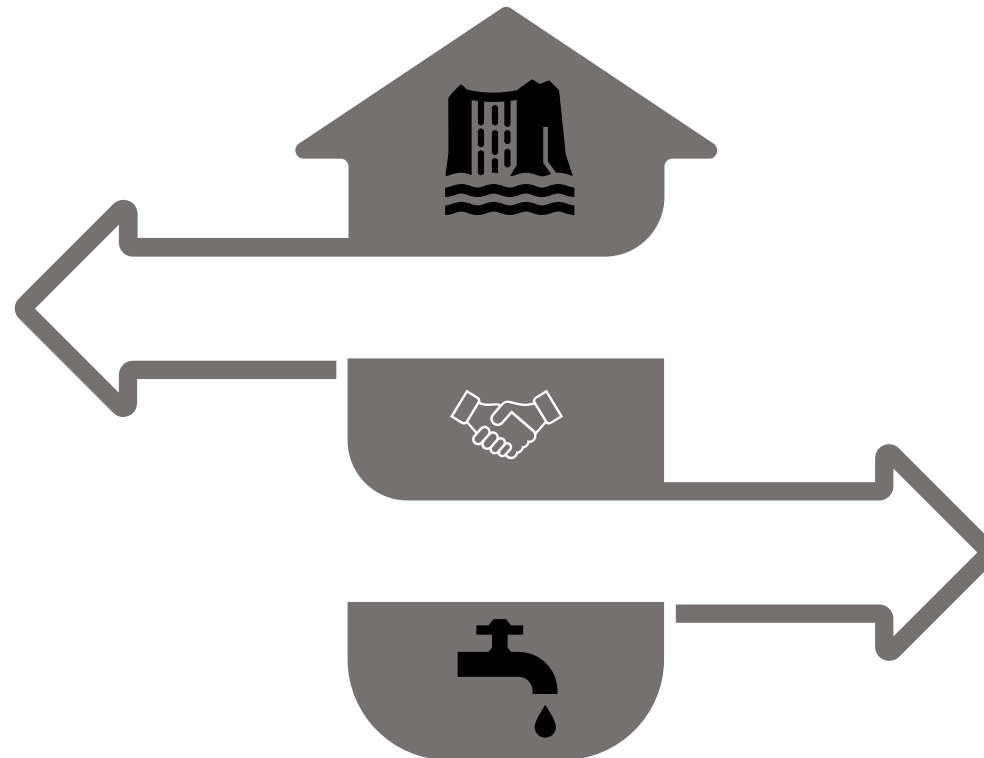


Rationale behind WRM-WASH Cooperation

Each area facilitates positive outcomes in the other

Sustainable, safely managed WASH

Good WRM helps ensure a sufficient quantity and quality of water resources for water and sanitation services, at all times, for all

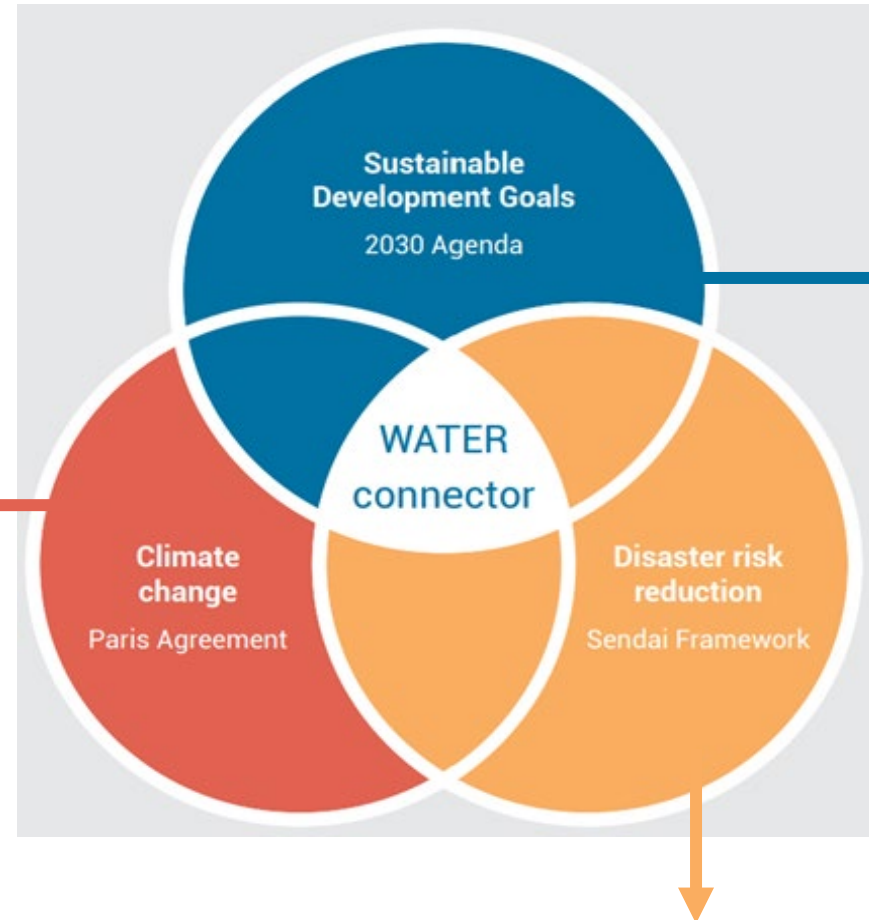


Water resources conservation

WASH contributes to the conservation and protection of water resources and the environment through efficient and safely managed water and sanitation services

WRM-WASH cooperation supports global agendas

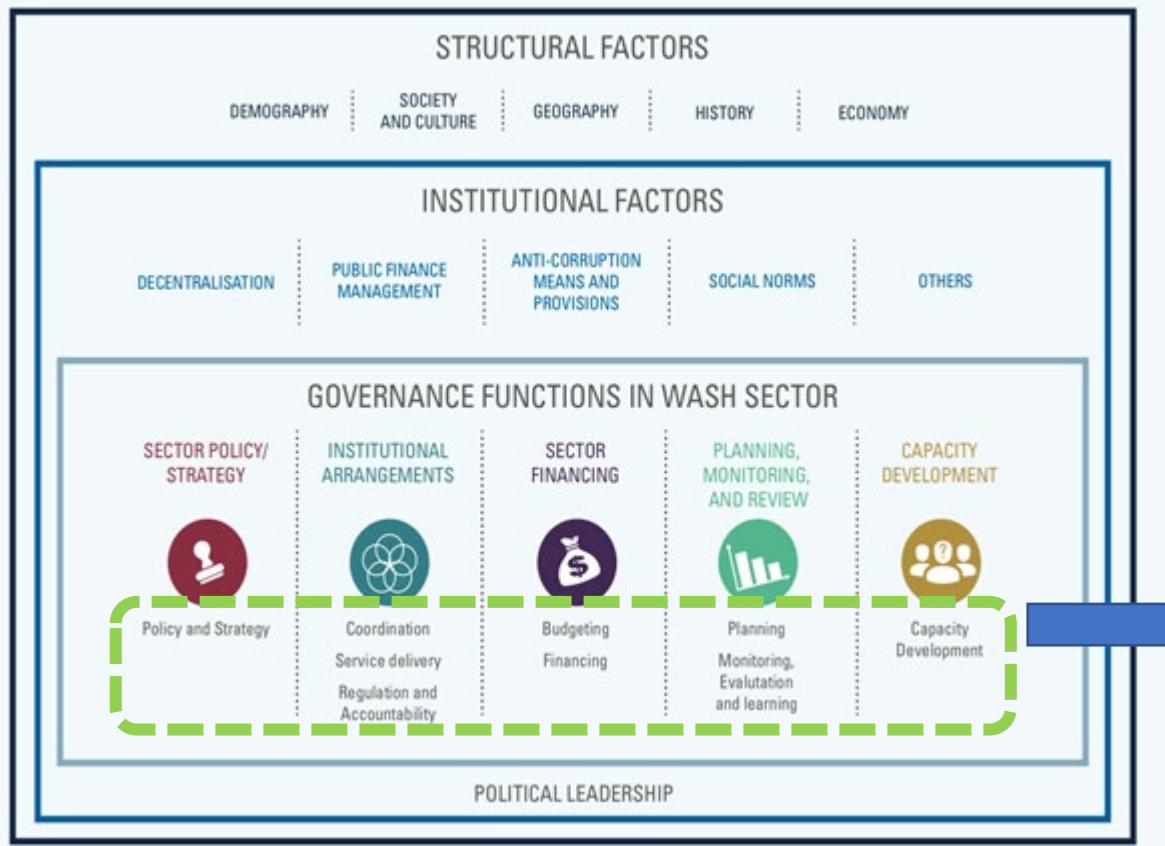
- Ensuring climate resilient WASH services
- Water resources monitoring and planning for mitigating against climate risks



- Increased wastewater treatment (6.4), good ambient quality (6.3) of freshwater resources → secure access to safely managed drinking water services (6.1)
- Safely managed sanitation (6.2) → improved ambient water quality (SDG target 6.3) → protect water related ecosystems (SDG target 6.6)
- 6.5 IWRM at levels –synergies across SDG 6

- Ensuring basic WASH service continuity during disasters
- Drought and flood preparedness measures, early warning systems, protection from water-related disasters.

Governance frameworks: WASH & WRM



Water Governance Framework with wider applicability across water disciplines to include water resources

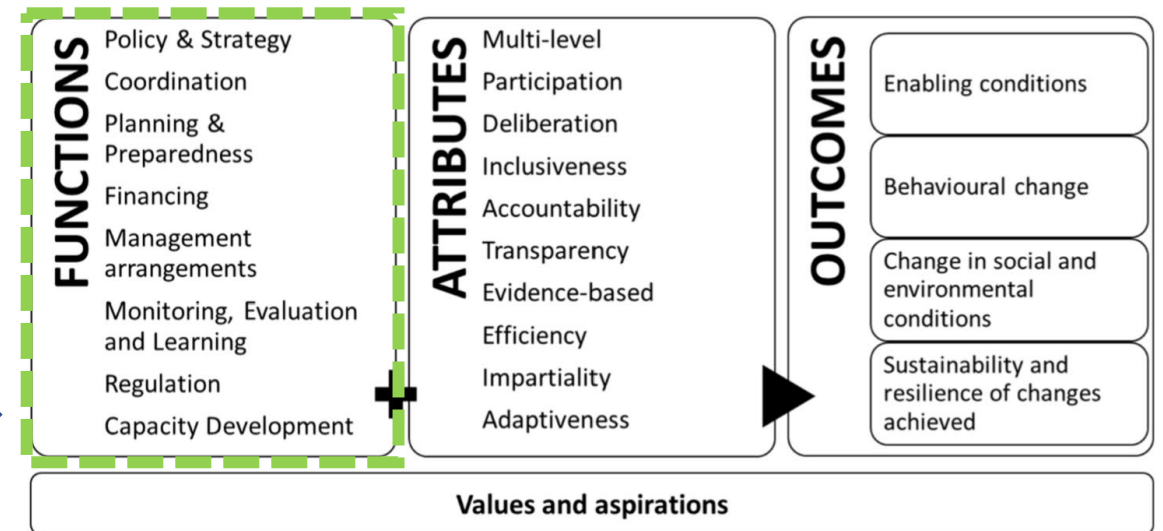


Figure 1. The Governance Framework, as a combination of functions, attributes and outcomes.

UNICEF 2016. Strengthening enabling environment for water, sanitation, and hygiene (WASH) - Guidance Note. New York,: UNICEF.

Jimenez et al. 2020. Unpacking Water Governance: A Framework for Practitioners



WRM-WASH cooperation leads to joint outcomes

AREAS OF COOPERATION

1. Basin, catchment and watershed management

2. Inter-basin water transfers

3. Multi-purpose water infrastructure development

4. Water source protection

5. Pollution Prevention

6. Wastewater reuse

7. Drought and flood mitigation and preparedness

8. Drought and flood Early Warning Systems

9. Drought and flood response and recovery

10. Climate vulnerability and adaptation assessments

11. Climate resilient water safety planning

12. Climate finance

13. Water policy and strategy formulation

14. Water sector planning processes

15. Environment, service and public health regulation

16. Water sector coordination processes

17. Water resources monitoring

18. Capacity development on WRM-WASH linkages

FIVE JOINT OUTCOMES

1

Equitable water resources allocation

2

Sustainable water management

3

Drought and Flood Disaster resilience

4

Climate resilient WASH

5

Integrated Water Resources Management

Conclusions

- **Message 1:** cooperation and alignment between WASH and water resource management are necessary
- **Message 2:** It is possible to overcome fragmentation with actions at the policy and institutional level
- **Message 3:** Cooperation across sectors and actors needs to be scaled up
- **Message 4:** Overcoming fragmentation requires commitment and strong leadership

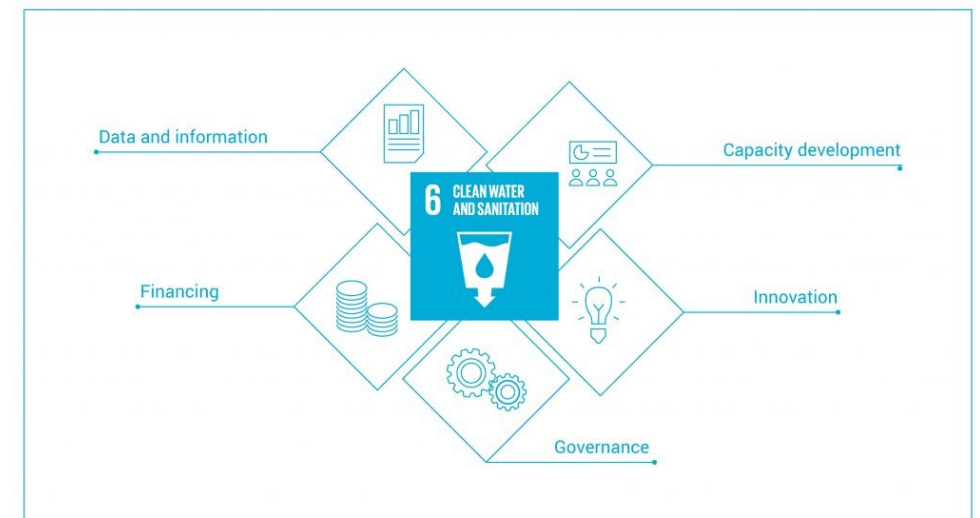
Recommendations and way forward

SDG GAF	Strengthen WRM-WASH cooperation
Governance	Water and WASH policy and strategy, institutional reform, strengthening regulatory approaches
Innovation	Unconventional water resources options with innovative financing and sustainable business models
Financing	Climate finance, donors focusing on integration
Capacity development	Joint studies equitable water resources allocation , Raise awareness and task force
Data and Information	Water quality monitoring, availability, sharing and dissemination , country analysis on SDG 6 progress

UN-Water SDG 6

Global Acceleration Framework:

Catalyzing strengthened WRM-WASH cooperation



Thank you! For more information, please contact:

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