

Water Security in Arid Environment

Thoughts from the
Global Runoff Data Centre (GRDC)
and the
UNESCO Cat 2 International Centre for
Water Resources and Global Change

24th IHP-Regional Steering Committee Meeting
in conjunction with the
International and national water dialogue on the delivery of SDG 6 in
Mongolia and wider Asia and the Pacific region
24 – 26 October 2016
Ulaanbaatar, Mongolia

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You Can't Manage What You Don't Measure

Water Quantity -

and

Water Quality-monitoring

are key aspects
to escort and monitor
SDG 6 objectives



Data sharing with international centres such
as **GRDC** and **GEMStat** are vital for success



GRDC offers collaboration with UNCCD



African Drought Conference (Windhoek Declaration, August 2016) adopts Strategic Framework for Drought Risk Management and Enhancing Resilience guided by the following six principles:

1. Drought policy and governance for drought risk management
2. Drought monitoring and early warning
3. Drought vulnerability and impact assessment
4. Drought mitigation, preparedness and response
5. Knowledge management and drought awareness
6. Reducing underlying factors of drought risk





Cat 2 Centre active in Arid Regions



International Centre for Water Resources and Global Change

has strong interest in Arid Regions with project proposals for FAO Green Climate Fund on:

- Water efficiency
- Water Pricing

FAO Green Climate Fund promotes the paradigm shift towards low-emission and climate-resilient development pathways





Cat 2 Centre active in Arid Regions



International Centre for Water Resources and Global Change

Linked to: “Coping with Water Scarcity in
Agriculture” FAO input to UNFCCC-COP 22 in
Marrakesh, November 2016

Contributes to: The Global Forum for Food and
Agriculture “Agriculture and Water – Key to
Feeding the World” in January 2017 in Berlin



Possible collaboration

- Scientific collaboration on joint proposals dealing with
 - “Water Scarcity and Water Security ”
 - Product development based on in situ measurements, remote sensing and models
 - Links between water availability and water quality
- Water quantity and quality data exchange
- Capacity development:
 - PhD student exchanges and co-supervision,
 - study tours,
 - organisation of joint events



Global Runoff Data Centre Koblenz, Germany

...more than 27 Years GRDC



Thank you for your attention!

Please visit GRDC at
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