

# **Enhancing Cooperation o Shared Water Resources**

**Bisher Imam** 

Regional Preparatory Meeting on Water Issues for the 2018 AFSF and HLPF UN House, Beirut, Lebanon, 28-29 March, 2018



#### Sources: University of Oregon and FAO AQUASTAT

#### The Tigris Euphrates River Basin: Are bilateral agreements enough



#### Challenges

Significant differences in definitions and legal interpretations Bilateral agreements exist, but no functional regional coordination mechanism War worsened conditions No regional science diplomacy initiative to date

*"Water security refers to the availability of an acceptable quantity and quality of water for health, livelihoods, ecosystems and production, coupled with an acceptable level of water-related risks to people, environments and economies"* 

# The Global Shared Vision: Sustainable Development



8 Goals directly linked to water SDG is also an agenda of science SDG is an integrative agenda.

Target on IWRM transboundary cooperation

Target on international cooperation and capacitybuilding support to developing countries in water

Does the SD-Agenda affect our definitions of

- **1- Water Security**
- 2- Water Rights @ states and individual levels

### Water Rights, Legal Doctrines

#### Economic Valuation, Reasonable Use, Livelihood, Development and Equitable



#### Allocations? Disasters & Climate Change



# Surface Water/Groundwater systems?



Is Sustainable development achievable under existing legal arrangements/Institutions/doctrines

#### Instruments

Convention on the Law of the Non-Navigational Uses of International Watercourses

The Law on Transboundary Aquifers GA/71<sup>st</sup> Session → Principles and guidance

**International Treaties on Armed Conflicts** 

Multi-lateral agreements/protocols and frameworks, Joint Authorities

National Water Laws + Environmental laws and regulations

Paris Agreement, Sendai framework

Regional Comprehensive assessment

Regional cooperation framework on shared water resources governance, with  $\rightarrow$ 

#### Instruments



## The Northwestern Sahara Aquifer Project (GEF): Social Dimension







Significant Accomplishments	Significant Challenges
<ul> <li>Better understanding of the aquifer</li> <li>Socio-economic issues addressed</li> <li>Joint science (models, data) Exchange</li> <li>Relevant sectors and stakeholders engaged</li> </ul>	<ul> <li>Over-exploitation continues with major environmental threats:</li> <li>Long-term shared vision is yet to be developed</li> <li>Pilot study scaling up requires more political commitment</li> </ul>
Actionable science supports dynamic evolution of science	

Actionable science supports dynamic evolution of science diplomacy initiatives Consideration of socio-economic issues promotes better stakeholder engagement With achievement of the globally endorsed SDGs providing the overall umbrella, a regional cooperation initiative approach is anchored to the major pillars of:

- using the development/joint mutual-benefit investment agenda as the entry point and objective of all science/water diplomacy initiatives
- deployment of science and technology to address the pressing science/water challenges;
- promotion of effective water governance to guide and control suggested interventions; and
- trust building as an unavoidable prerequisite for any science/water diplomacy initiative.

## **UNESCO** Water Security for All Regional Initiative



#### **Nile Basin: Cooperative Milestones**



