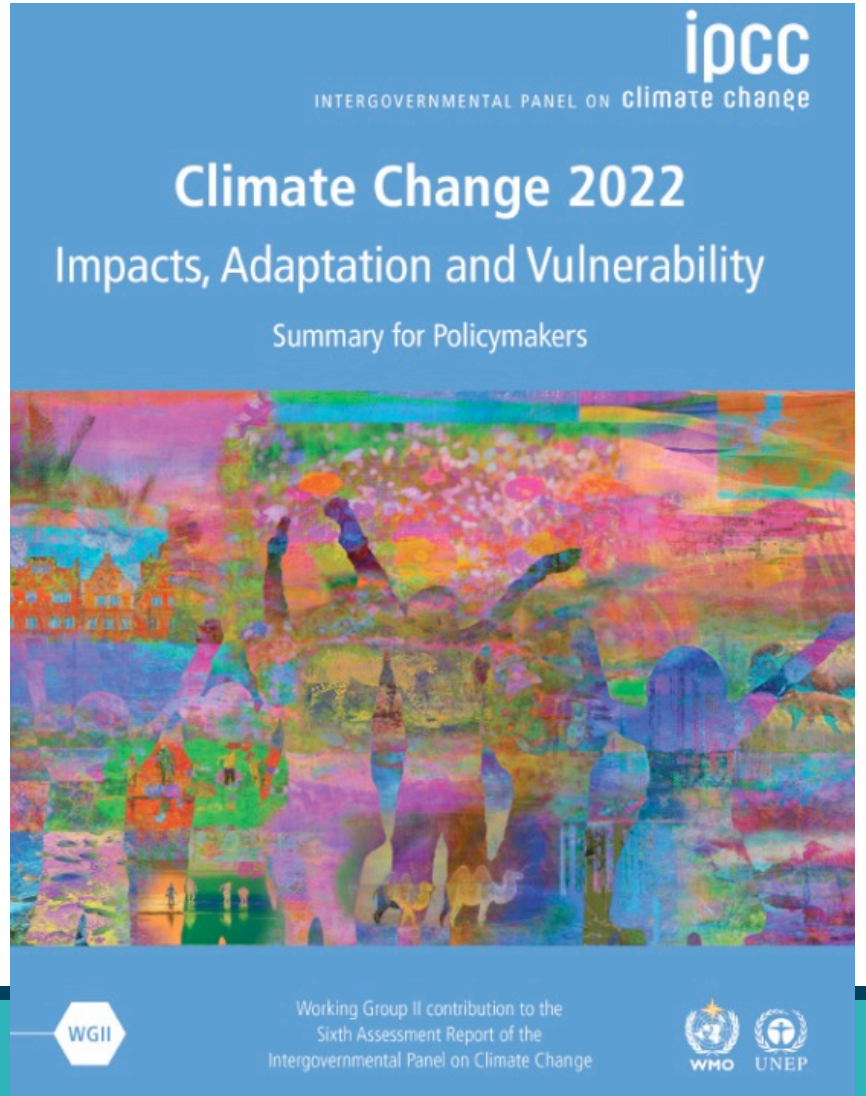
Food and Agriculture Organization of the United Nations

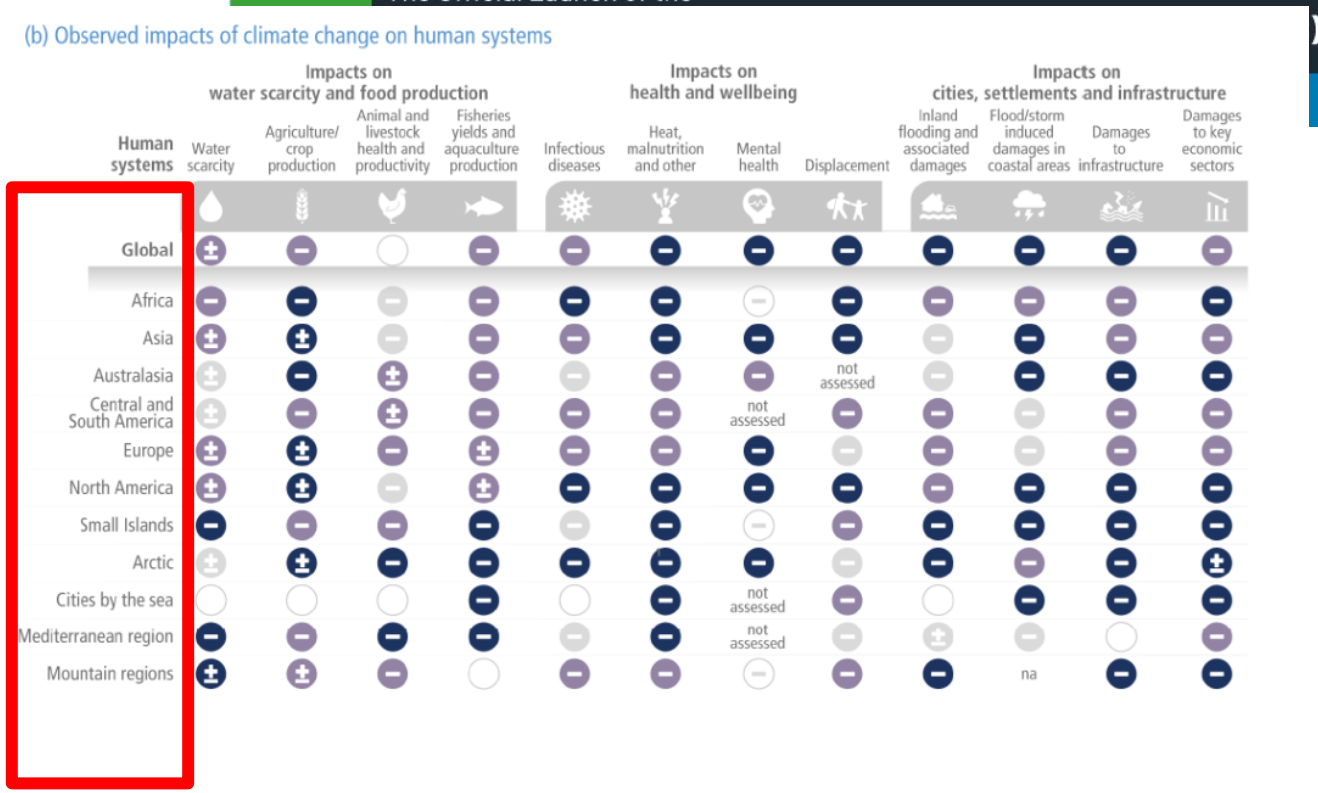
inter-Regional Technical Platform Water Scarcity

FAO inter-Regional Technical Platform on Water Scarcity (iRTP-WS): *Scaling Up Water-Related Action for Food and Climate Security*

Cairo Water Week, 2022

Water and Climate Change



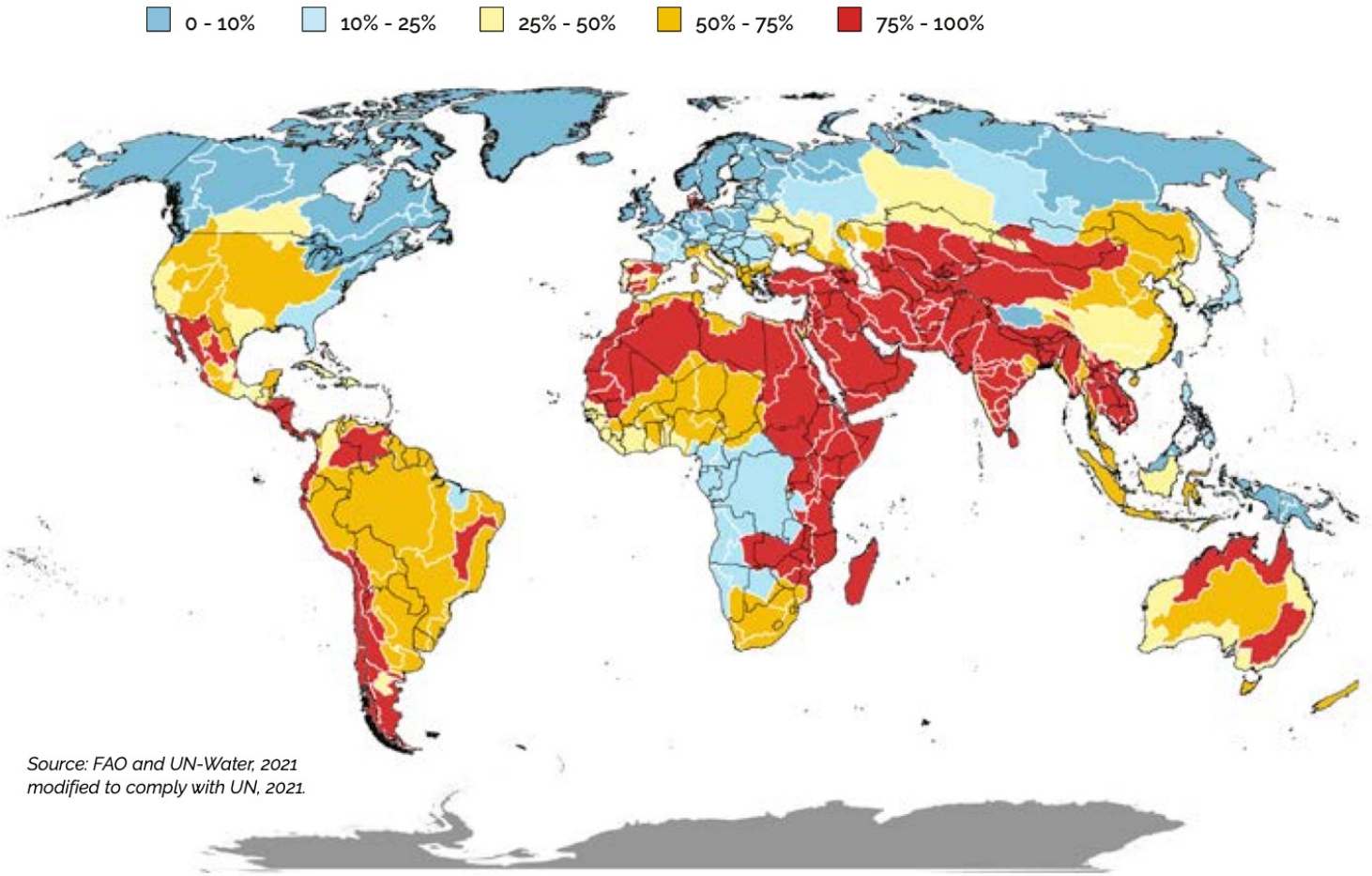


"Roughly ½ of the world population currently experiences severe water scarcity for at least some part of the year due to climatic and non-climatic drivers."

Status of Water and Agriculture

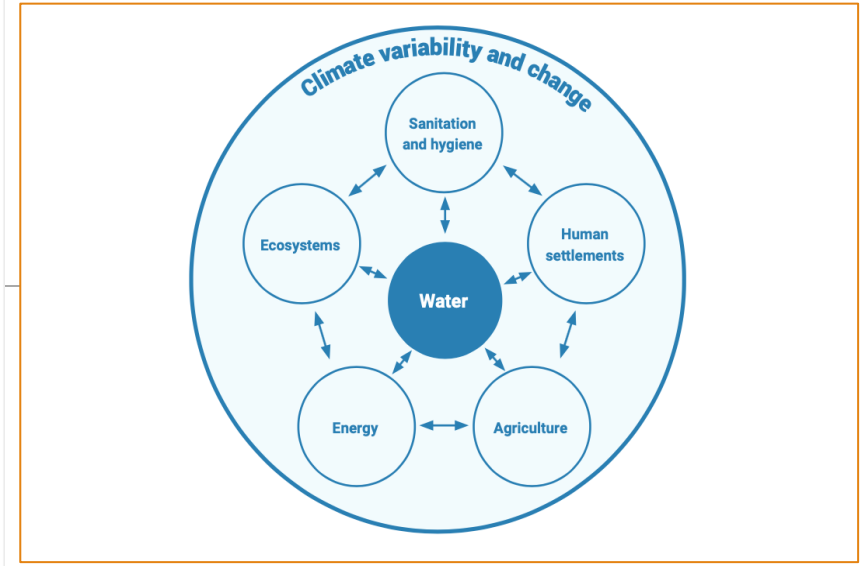
About 1.2 billion people live in areas where severe water shortages and scarcity challenge agriculture and where there is a high drought frequency in rainfed cropland and pastureland areas or high water stress in irrigated areas.

Global water stress levels generated by all sectors



Source: FAO and UN-Water, 2021 modified to comply with UN, 2021.

SOLAW 2021: SYNTHESIS REPORT

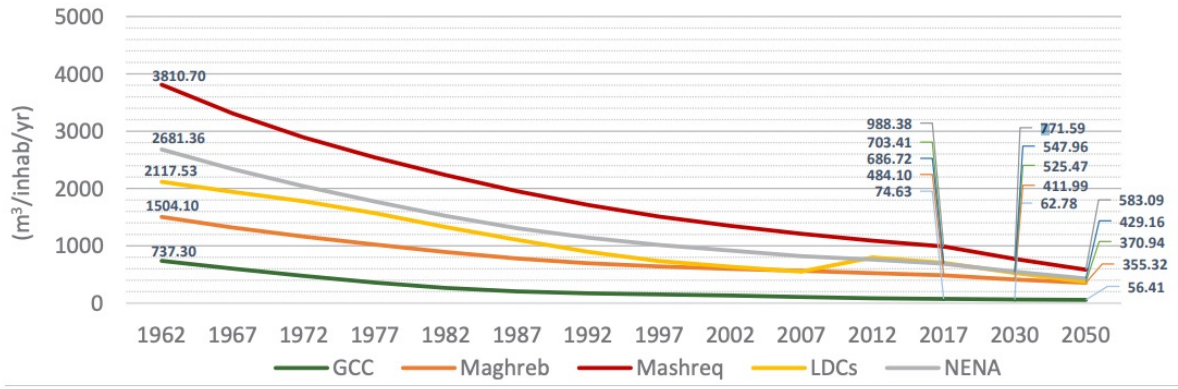


Interactions between water and other major socio-economic sectors affected by climate variability and change (UN-WATER, 2020)

- The interconnected systems of land, soil and water are stretched to the limit.
- Land and water resources have built to the point where productivity of key agricultural systems is compromised and livelihoods are threatened.
- land degradation, soil erosion, salinization and ground- water pollution are not perceived as urgent risks, but they run deep and are persistent.
- Land and water resources need safeguarding from deterioration and depletion

The complexity and scale of the task should not be underestimated.

PAST RECORDS AND FUTURE PROJECTIONS OF RENEWABLE WATER AVAILABILITY PER CAPITA*



Source: United Nations, Department of Economic and Social Affairs (UNDESA) Population Division. 2019. *World Population Prospects 2019, online edition.* [Cited 13 April 2021]. https://population.un.org/wpp/Download/Probabilistic/Population/

Note: *LDC figure increased between 2007 and 2012 due to the inclusion of Sudan data; projections for 2030 and 2050 assume that water availability remains constant and population projects use the median (50 percent) prediction interval of the Probabilistic Projection of UN Population Division.

SOLAW-NENA 2022: SYNTHESIS REPORT

Global Priorities

- Integrated Solutions Planned at all Levels
- More Inclusive and Adaptive Land and Water Governance
- Technical and Managerial Innovation targeted to address priorities and Accelerate Transformation
- Investment Redirected towards Social and Environmental gains derived from land and Water management

A call for Collaborative efforts towards Up Scaling Water-Related Actions

inter-Regional Technical Platform
Water Scarcity
A Gateway to Cope with Water Scarcity

An ***inter*-regional partnership** of international organizations, national and local governments, and non-government organizations **working together** across silos **in an action-oriented and result-based approach to** overcome the development challenges experienced in the context of **water scarcity & food and climate security in consultation with affected communities**.

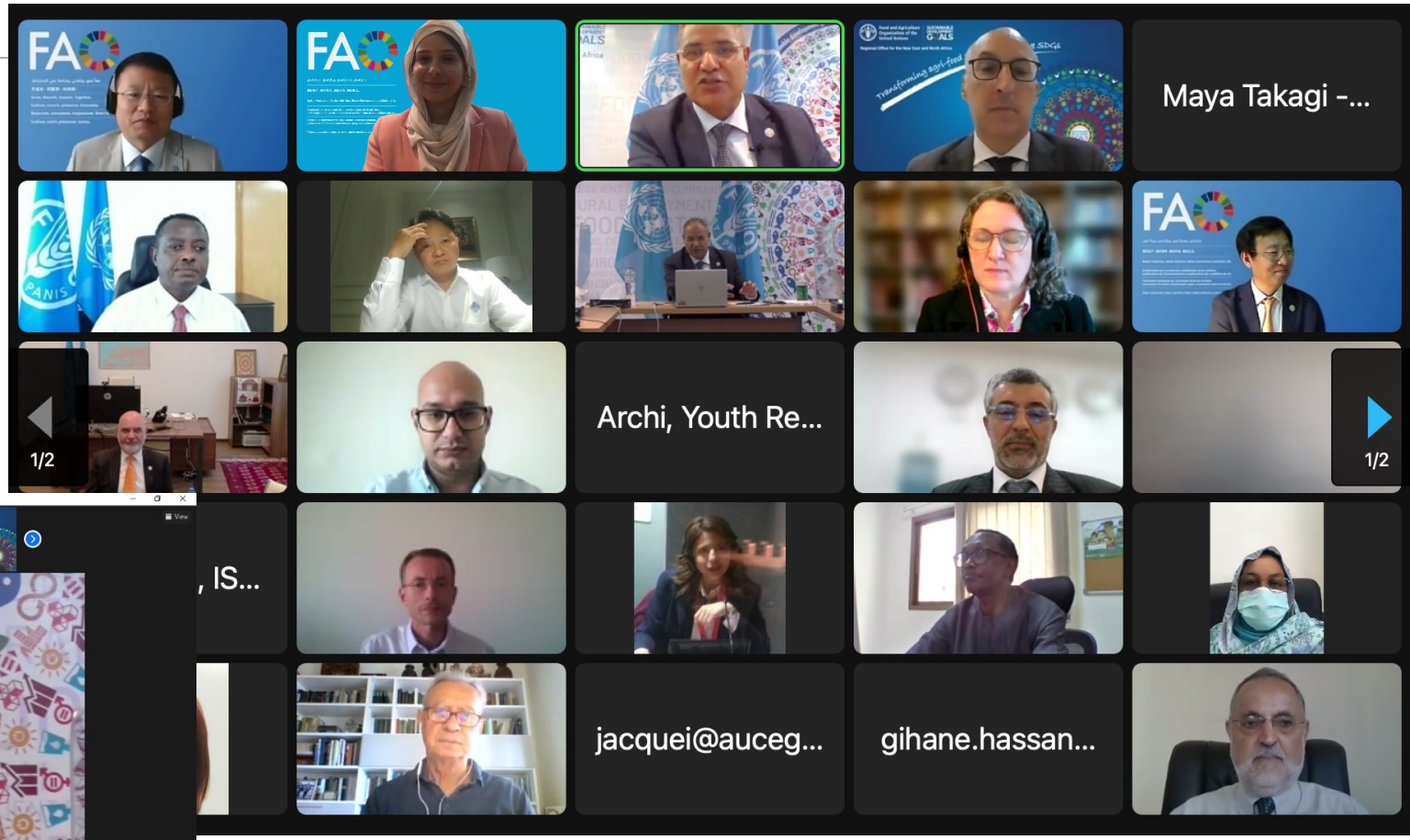
(*In support of the Implementation Sustainable Development Goals 2015, 2030)*

Lunch of FAO *i*RTP-WS in June, 2022

"*Beyond the technical responses, collaboration and effective cooperation is critical to build a positive momentum and address the water scarcity challenges in all countries. The inter-Regional technical platform on Water Scarcity has the potential to facilitate information exchange, create synergies, promote joint activities and future collective planning across the regions and beyond FAO*"

Her Royal Highness Princess Basma bint Ali, iRTP-WS Launch, 2022

Lunch of FAO *i*RTP-WS in June, 2022



Mission

To **strengthen** knowledge exchange and **support** the development of innovative methods, pilots and tools to **scale-up action** and **address** complex development challenges on water, food security towards speeding the achievements of the SDGs.

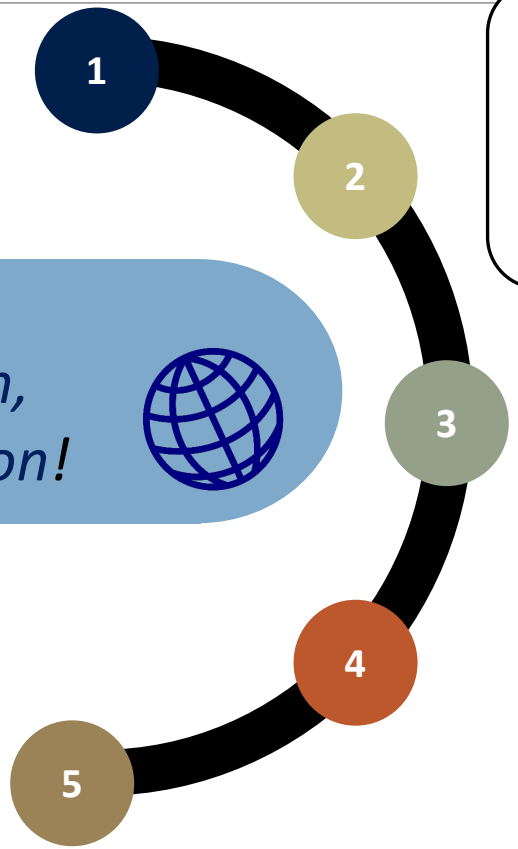
With a special focus on **Goals 6 & 2** and considering the interlinkages across other related SDGs.

1. Bridge the gap between and science and policy
2. Promote the use of scientific evidence-based policy-making in integrated development planning processes
3. Advance Capacity Development in Water, Agriculture and Climate-related topics
4. Scale up water-related investments

"Leaving No One Behind"

Five Areas of Work

Embracing Complexity, Inclusion, Interconnectedness, and Innovation!



(A) **Supporting the International Agenda,** Lead and facilitate discussions on governance reforms, effective nexus frameworks

(B) **Knowledge Management, Technology and Innovation**,
Pool experiences, Make use of broader exchange and learning fora and promotes the use of digital transformation and advanced tools

(C) **Inclusion & Participation,** Forge strategic alliances and fostering intersectoral collaboration and Partnership

(D) **Capacity Building and Engagement**. Promote joint ventures and Support the development of a common capacity development agenda to promote sound practices

(E) **Scaling up investments and Innovation:** Support Grant-matchmaking, funding alliance and cost-sharing.

Responsible Investment in Agriculture

Hand-in-Hand Initiative

Overarching Operational Considerations

1. Customizing International approaches and standards.
2. **Advancing the Use of Technology, Innovation, and Digital Transformation**
3. Maximizing the benefits from indigenous knowledge and experiences.
4. Fostering coherence between regional, national and local policies,
5. Prompting on-job trainings, technical webinars best practices & Peer to Peer learning;
6. Promoting data sharing and information exchange across all levels and actors.
7. Supporting Inclusion and Gender Equality "A Whole of Society Approach"
8. Leveraging Coordination and Mobilizing Partnerships
9. Scaling up Investments and resources mobilization to enhance preparedness and Innovation

RELATED SDGS

iRTP-WS Stucture and Support-Tools

Water Scarcity Platform

Steering Committee

Technical Advisory Committee

Strategic **Partnerships**

Annual **Participatory** Action Plan (Long and Short Term Goals)

Inter-regional **Interactive** Website

https://www.fao.org/platforms/water-scarcity

Levels of Engagement

Joining Hands

Consultative and Participatory approach

True Ownership

Real Transformative Change on the Ground

Funding Alliances	Upscaling Water-related action and Investments
Strategic alliances	Reconfiguring Governance and Financial systems to work across silos in consultation with affected communities
Collaboration and Integration	Joint research, analysis, capacity building activities and data production
Dissemination	Sharing Knowledge and Information

Partners

EoI:
https://www.fao.org/platforms/water-scarcity/Partnership/Expression-of-Interest/en

How do we envision the role of Youth and young professional in the iRTP-WS?

Key Elements for Effective Young Professional Engagement

- Connection to Purpose
- Connection to Other
- Partner on Engagement

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THANK YOU FOR YOUR ATTENTION