



Food and Agriculture
Organization of the
United Nations



FAO AT WWF 8 | 18-23 MARCH 2018
BRASILIA, BRASIL

working for Zero Hunger

WATER & FOOD: AT THE HEART OF SUSTAINABLE DEVELOPMENT



Water scarcity affects large portions of the planet's population. Driven by economic development, and growing and increasingly mobile populations, water use grew twice as fast as the world's population last century. Agricultural water use accounts for 70% of our total water withdrawals. Lifestyle adjustments and changing diets may further increase global demand for water by 50 percent by 2030.

As the international community gathers for the World Water Forum in Brasilia, we must act together, and with urgency, to manage our water wisely. Sustainable agriculture and food systems have a great role to play. They will enable us to feed the planet, increase cooperation and manage competition through good water governance, and help make migration a preference rather than a necessity for survival.

Join us in discussing the challenges in managing water to achieve zero hunger as well as during our publication launches during the week.

Pass by our booth to learn more about FAO's work directly from our officers and to discover the recent knowledge on water and food security.



Monday 19 March 2018

Time	Title	Place
14:30-16:00	High Level Panel - Science-Policy dialogue: key to solve global water challenges and support decision making	RoomST6 (M Cons2)
	Launch of the 2018 World Water Development Report	Room ST9 (M Cons2)
	Water Security: The Water-Food-Energy-Climate Nexus. Collective Business Actions and innovative approaches to address local water related challenges	To be announced
16:30-18:00	High Level Panel - Water and Migration (Includes Launch of FAO publication: Water stress and human migration: a global, georeferenced review of empirical research)	Alvorada Auditorium
	Technical Panel - Session 3.a.1 - Soil and Water Conservation Practices for Improved Food Production	Room ST1 (M7)

Tuesday 20 March 2018

9:00-10:30	Technical Panel - Session 3.a.2 - Water for food processing: waste reduction, optimization and reuse	Room ST1 (M7)
10:00-12:00	Partager l'eau en Afrique, développer la coopération et partager les bénéfices	To be announced
11:00-12:30	High Level Panel - Water for Food/Agriculture	Águas Claras Auditorium
	Technical Panel - Session 3.a.3 - Floods, Droughts, Wind, Fire: Building Resilient Agricultural Systems	Room ST1 (M7)
	Technical Panel - Session 5.a.3 - Sharing information with transparency for better and more effective decisions on management and restoration of water ecosystems	Room ST9 (M Cons2)
14:30-16:00	High Level Panel - Source-to-Sea Management: Towards joint action by the freshwater and ocean communities	Águas Claras Auditorium
	Technical Panel - Session 1.b.1 - How climate change affects all the different water users: The need for cross-sectoral approaches for adaptation	Room ST8 (M Cons1)
16:30 - 1800	Special Session - Tackling the Nexus in the Asia Pacific Region	To be announced
	Technical Panel - Session 3.b.2 - Securing water for energy through resilience to global change	Room ST1 (M7)
	Special Event - Confronting water stress - the burden and solutions for agriculture	To be announced

Wednesday 21 March 2018

Time	Title	Place
9:00-10:30	Technical Panel - Session 1.c.1 - Water and land management contributing to Climate Mitigation targets	Room ST2 (M8)
	Special event: Quelles solutions pour un accès durable á l'eau en Afrique?	To be announced
11:00-12:30	Special Session - Global Monitoring and Reporting of SDG 6	Águas Claras Auditorium
	Technical Panel - Session 6.b.3 - Exploring synergies between water-related SDGs and the UNFCCC Adaptation Agenda	Room ST4 (M10)
	Inter-regional Session - Source-to-sea	Arena 5
14:30-16:00	Technical Panel - Session 5.c.2 - Farming for ecosystem services: can farmers save rivers and still make a profit?	Room ST9 (M Cons2)
	World Forests Day	To be announced
	Technical Panel - Session 4.c.1 - Reuse Technologies: Can We Handle Innovation?	Room ST6 (M12)
16:30-18:00	Special Session - From the 7th to the 8th World Water Forum: Three years of Implementation Roadmap	Room ST1 (M7)
	Technical Panel - Session 3.d.2 - Efficient use of water as a development inductor	Room ST1 (M7)
	Technical Panel - Session 2.c.2 - Synergies beyond SDG 6: access to safe drinking water, sanitation and hygiene for improved nutrition and public health	Room ST2 (M8)
	Technical Panel - Session 5.c.3 - Integrated land and water management: focus on the big picture	Room ST9 (M Cons2)
	Side Event - Water Accounting (Includes FAO publication launch: Water accounting for water governance and sustainable development)	To be announced

Thursday 22 March 2018

9:00-10:30	Special Session - Multi-stakeholder Dialogue: Water-Energy-Food Nexus and SDGs Implementation	Águas Claras Auditorium
	Technical Panel - Session 3.d.3 - Water-use efficiency and sustainable withdrawals: coping with water scarcity	Room ST1 (M7)
	Technical Panel - Session 8.d.1 - How to expand support to international cooperation and capacity building to achieve SDG 6?	Room ST3 (M9)
11:00-12:30	Special Session - The Global Framework on Water Scarcity in Agriculture (WASAG)	Room ST5
	Technical Panel - Session 3.e.3 - Universalization of Environmental Sanitation and Urban Drainage Master Plans	Room ST1 (M7)

WATER AND MIGRATION ARE INTERLINKED

Migration can be an option to adapt to water stress; adaptation strategies addressing water scarcity will equally contribute to reducing migration.

Water scarcity and droughts can also trigger forced migration, as stated in a new FAO-Global Water Partnership paper linking water stress-related reductions in agricultural productivity to movements of populations.

FAO is now taking the baton to bring these issues to the table as it takes up joint leadership of the UN Global Migration Group, with the International Organization for Migration, in 2018. FAO will also launch a **new publication on Water stress and human migration** during the forum, as well as a **second paper on the topic of Water accounting**, a subject which has developed a growing interest at a time when improved water management becomes of paramount importance.



According to recent research, by 2025 two-thirds of us may face water stress, while 1.8 billion people may be living with "absolute" water scarcity. Climate change will further reduce water availability by altering rainfall patterns and the hydrological cycle. Climate change impacts are expected to increase floods and droughts which can both destroy harvests and have negative impacts on agricultural production.

Actions and strategies must address water use, agricultural production, food security and climate change in an integrated manner. The Global Framework on Water Scarcity in Agriculture (WASAG), a partnership hosted by FAO brings together several governments, international agencies, research institutions, advocacy groups and other stakeholders, committed to collaborate in designing these strategies and fostering the required actions.

The range of actions to address water scarcity in agriculture include crop choices, better irrigation management, use of emerging technologies (including the reuse of wastewater and solar powered irrigation systems), better livestock management, more-efficient water use, sustainable land management, soil conservation techniques, reductions in food losses and waste as well as supporting interventions such as advocacy, capacity development and innovative financing.

**FOR MORE DETAILED INFORMATION ON FAOS' PRESENCE AT WORLD WATER FORUM 8, PLEASE VISIT:
WWW.FAO.ORG/LAND-WATER/EVENTS/WWF8 - OR CONTACT LAND-WATER@FAO.ORG**