

WASAG

The Global Framework on
Water Scarcity in Agriculture

Addressing Water Scarcity in Agriculture: The Global Framework on Water Scarcity in Agriculture (WASAG)

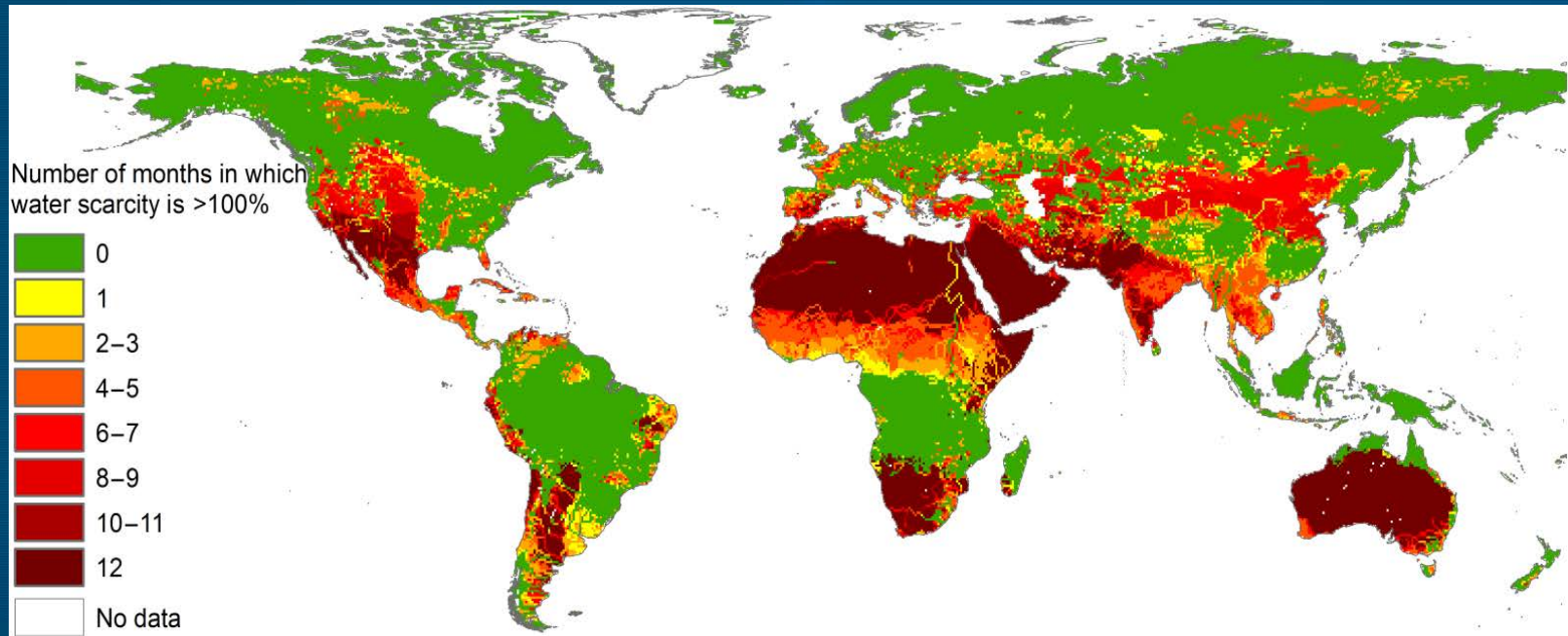
*Ruhiza Jean Boroto, Senior Water Resources Officer
FAO Land and Water Division (CBL)*

International Workshop on Water Scarcity
Taking action in transboundary basins and reducing health impacts
Palais des Nations, Geneva, Switzerland,

11 December 2017

WATER SCARCITY: a global issue

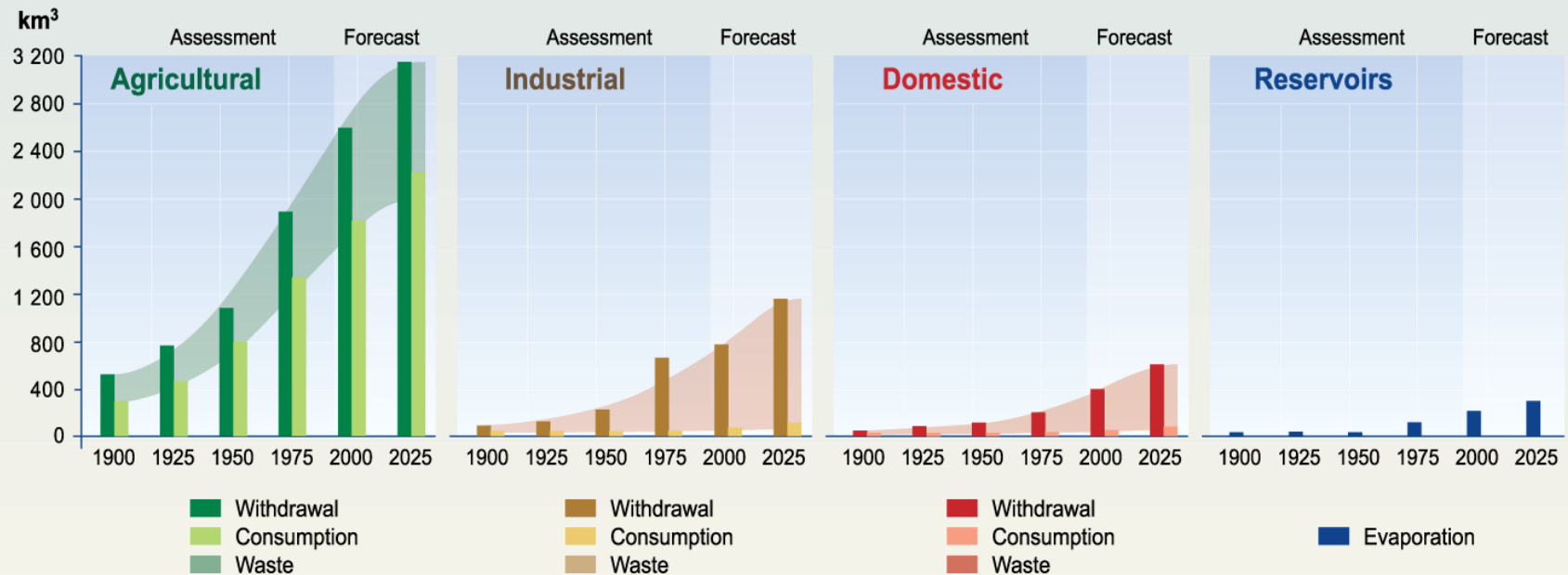
4 billion people (66% of all people) lives under severe water scarcity for at least 1 month of the year. It affects all regions of the world



Source: Mekonnen & Hoekstra, Univ. Twente, Feb 2016

Global Water Demand

Evolution of Global Water Use Withdrawal and Consumption by Sector



Note: Domestic water consumption in developed countries (500-800 litres per person per day) is about six times greater than in developing countries (60-150 litres per person per day).

PHILIPPE REKACEWICZ
FEBRUARY 2002

Agricultural Water Demand

Agriculture
is responsible for
70 %
of water
withdrawals
worldwide



That leaves 30 % for
everything else:

- Domestic
- Industries
- Electricity
- Environment

Source: Adapted from www.ceres.org/FoodWaterRisk

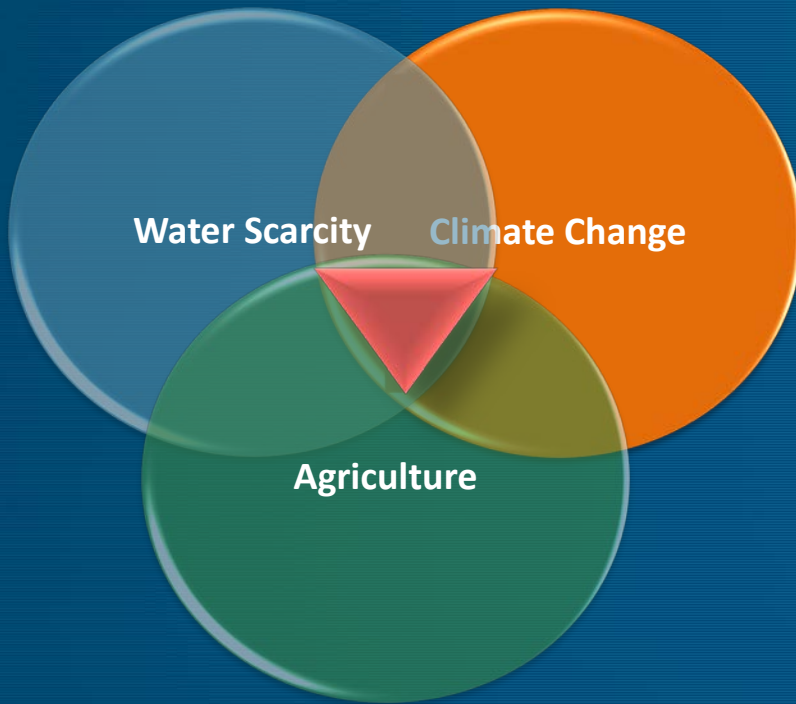
Challenges of the agricultural sector



- Growing population (mostly in cities) and changing diets
 - Need to increase and improve (nutritious) food production
- Cause and casualty of climate change and climate variability
 - Mitigation and adaptation measures required
- Increased competition for scarce resources
 - More crop per drop

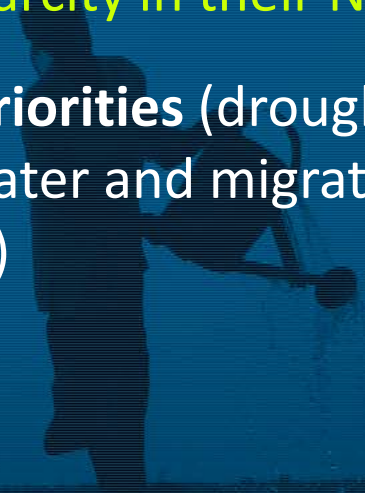


Priorities



Water scarcity = an entry point to address agriculture adaptation in the context of climate change

- **Agenda 2030** and the Sustainable Development Goals 2, 6, 12, 13 and 15
- **Climate Change** agenda in agriculture: **77% of countries include water scarcity in their NDCs**
- **Other country priorities** (drought management, water and migration, waste water, etc)



WASAG BACKGROUND

October 2016

Endorsed by the Summit of Water Ministers at the Second World Irrigation Forum in Chiang Mai, Thailand.

November 2016

The Global Framework on Water Scarcity was officially launched during the **UNCCC COP22** in Marrakesh, Morocco.

January 2017

Endorsed by 83 Ministers of Agriculture during the 9th Berlin Agriculture Ministers' Conference at the **Global Forum for Food and Agriculture (GFFA)**, and the **G20**

September 2017

Endorsed by the **UNCCD COP 13** as a **knowledge-sharing partnership** to help countries develop their drought preparedness plans in Ordos, China





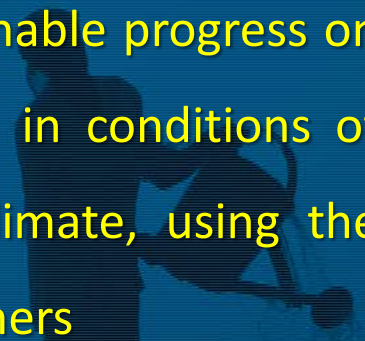
Rome Statement

VISION

A world whose food systems are secure and resilient to increasing water scarcity in a changing climate

MISSION








To support measurable, significant and sustainable progress on improving and adapting agricultural systems in conditions of increasing water scarcity and a changing climate, using the combined expertise and resources of the Partners



Rome Statement

OBJECTIVES

To urgently address the following important and relevant work areas at international and country levels:

- 1.  Advocating for political prioritization.
- 2.  Cooperating on work programmes.
- 3.  Sharing and disseminating knowledge and experience.
- 4.  Developing new or improved solutions.
- 5.  Promoting sustainable and integrated water resources management.
- 6.  Building capacity of Partners and countries and other Stakeholders.
- 7.  Contributing to consistent monitoring systems.

WASAG Working Groups

The working groups established during the 4th ISC meeting with the aim to focus the work of WASAG on emerging issues:

-  **Water and Migration**
-  **Drought Preparedness**
-  **Financing Mechanisms**
-  **Water and Nutrition**
-  **Transition to Sustainable Agricultural Water Use**



WASAG Partners



Thank you for your attention



“Together, we will be able to implement strategies to prevent water scarcity from setting us back in our ambitious vision of eradicating hunger, sustaining peace and leaving no one behind”

FAO Director-General - José Graziano da Silva

For More Info

Webpage: www.fao.org/land-water/overview/WASAG

Email : Water-scarcity@fao.org