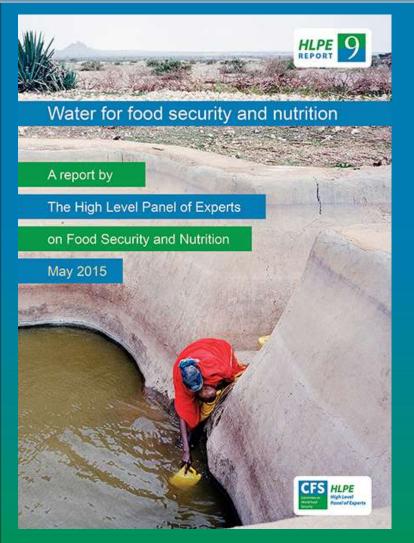
Presentation from 2015 World Water Week in Stockholm

www.worldwaterweek.org

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Water for Food Security and Nutrition

High Level Panel of Experts on Food Security and Nutrition (HLPE)

of the UN Committee on World Food Security (CFS)

> Amadou Allahoury HLPE Steering Committee

24 August 2015, World Water Week, Stockholm, Sweden





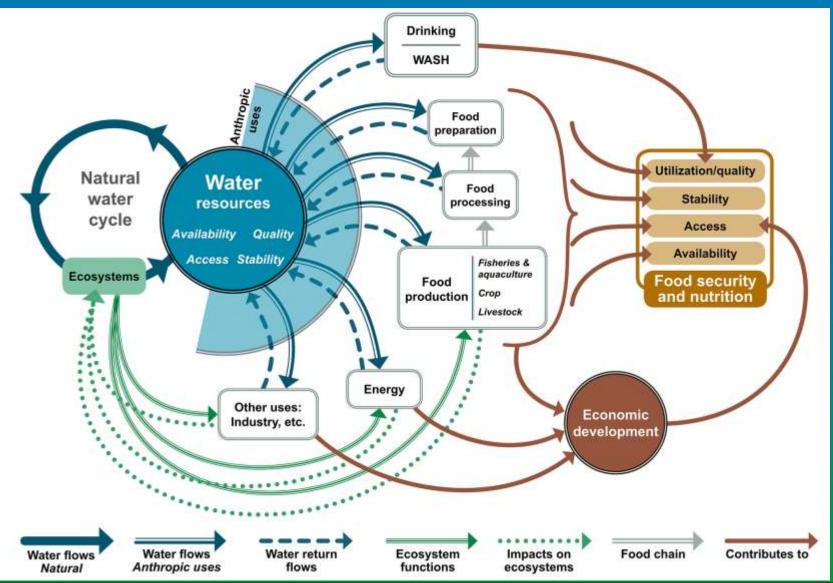
- 1. The multiple linkages between water and food security and nutrition
- 2. Managing water scarcities in agriculture and food systems
- 3. Challenges of water governance for food security and nutrition

Recommendations

Water for Food Security and Nutrition



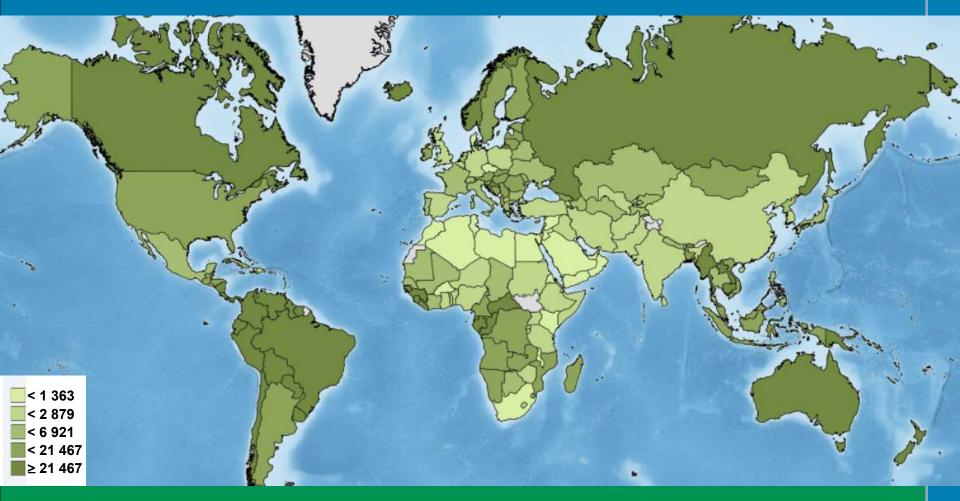
Multiple linkages between water and food security and nutrition



Availability, scarcity, competing uses



Total renewable water resources per inhabitant (m3/year)



Source: FAO Aquastat



Determined by social, political and economic relations

- 4% of the urban, 18% of rural population still lack access to improved drinking water
- 25% of the world population lack access to improved sanitation, undermining good nutrition and health
- Women and girls are often responsible for water collection, with often limited influence on decision making

Stability

- Climate change
- Irrigation



Quality of water for FSN



Water quality is crucial for both drinking as well as food preparation and processing

Different uses of water require different qualities of water and often specific treatment.

>> Trade-offs in water services, between

specialization versus

a "multiple use approach"



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Management and governance

CFS HLPE High Level Panel of Experts

Chapter 2 Managing water scarcities in agriculture and food systems

- A focus on water
- A focus on agriculture

Chapter 3

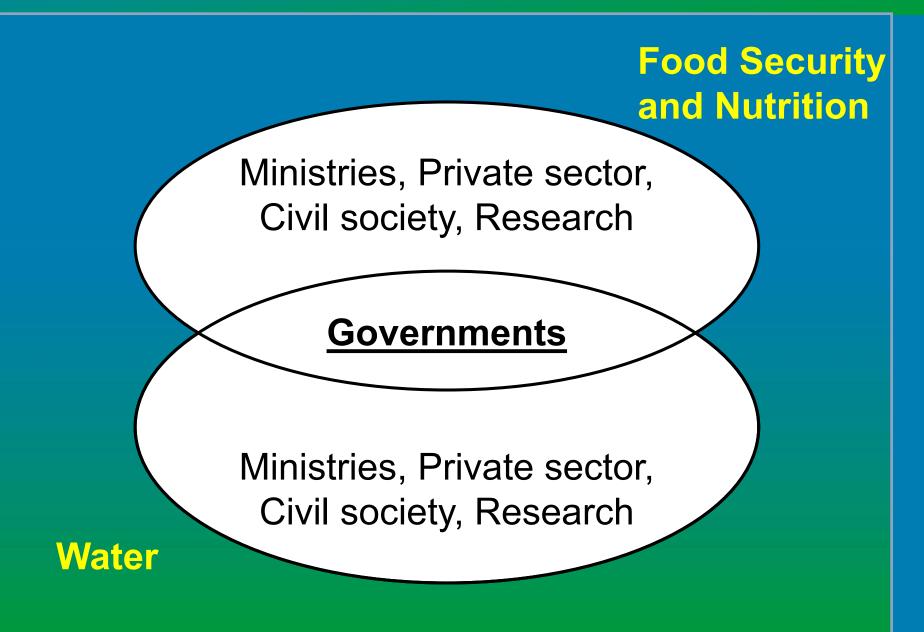
- Governance
- Coordination
- Integrate FSN
- Prioritization





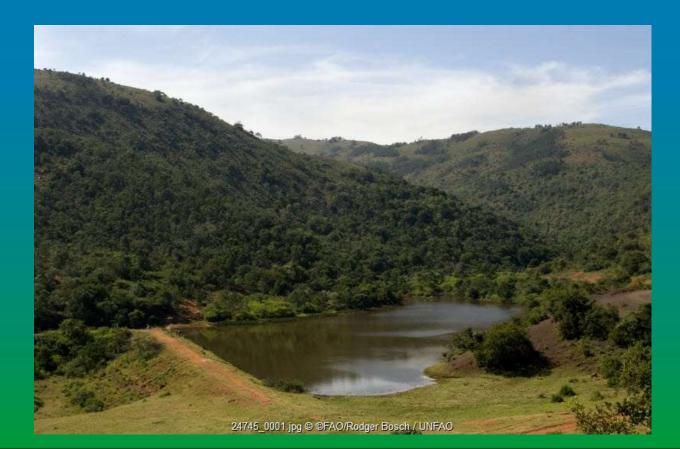
Recommendations







Ensure sustainable management and conservation of ecosystems for the continued availability, quality and stability of water





Ensure an integrated approach to water and FSN related policies

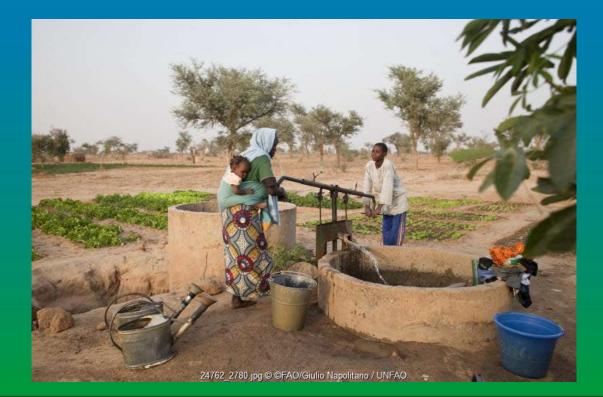
• Integrated water resource management

- -Real inclusive
- -Incorporate FSN
- -Prioritize FSN

• Roles and responsibilities of governments



Prioritise the most vulnerable and marginalised, including mainstreaming gender and addressing the specific needs of women





Improve water management in agriculture

Two ways

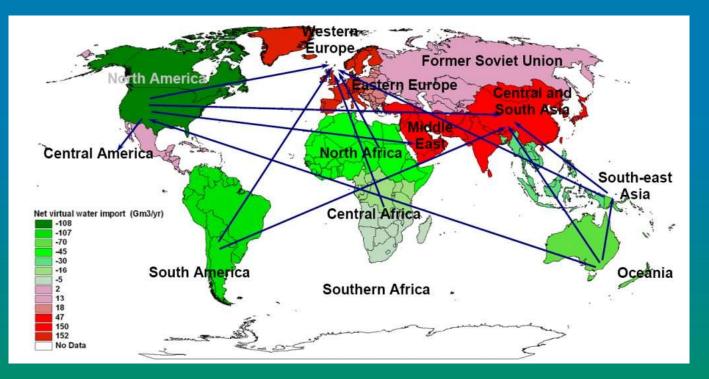
1.Looking at water in irrigated systems2.Looking at agricultural systems given water constraintsSpecial attention to rain-fed systems







Improve the contribution of trade to "water for FSN"



Regional virtual water balances and net interregional virtual water flows related to the trade in agricultural products. Period: 1997-2001. Source: waterfootprint.org.



Foster an inclusive and effective governance of water for FSN (1)

• Inclusive governance

- Involve all actors, set a level playing field
- Private actors
- Water user associations
- Decentralized governance
- Protect vulnerable populations



Foster an inclusive and effective governance of water for FSN (2)

- Tools
- Adequate context
- The way they are implemented
- Allocation systems

What impact on food security and nutrition ?? Example: Market based tools give priority to highest economic value



Foster an inclusive and effective governance of water for FSN (3)

- Investments : diverse impacts on FSN (+ ?)
- Ex-ante food security impact assessments
- Human Rights
- Principles for responsible investments in agriculture and food systems
- Land and water linkages: voluntary guidelines on land tenure



Promote a rights-based approach to governance of water for FSN

Full and meaningful implementation of the existing Rights:

1) to safe drinking water and sanitation,

2) to adequate food.

UN HR Council Special Procedures: Explore the implications of the linkages between water and food security on the realization of human rights

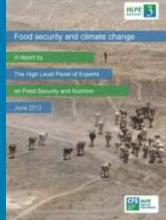
HLPE Reports



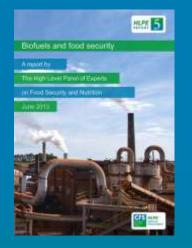
2011



2012



2013



2014 / 2015









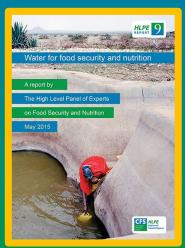




HEPE 8

Sustainable fisheries and obtraculture

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