Fifth Expert Group Meeting
Regional Initiative for the Assessment of the Impact of Climate Change on Water Resources and Socio-Economic Vulnerability in the Arab Region (RICCAR)

Relationship between RICCAR and FAO-RWSI

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Challenges

The NENA Region faces the challenges of addressing a wide range of complex issues associated with the management of natural resources, particularly land and water.

To address these challenges, FAO has launched a Regional Initiative on Water Scarcity in NENA.
The overall goal of the Initiative

Support MC in identifying and streamlining policies and best practices in agricultural water management which can contribute to boosting agricultural productivity, improving food security and sustaining water resources.
The overall goal of the Initiative

The Initiative will inject fresh thinking into the process of finding sustainable solutions to water scarcity and food security problems.

The Initiative will enhance cooperation among member countries and between countries and international and regional partners.
FAO’s Regional Water Scarcity Initiative outputs

The Initiative will have two major outputs:

(i) a Regional Collaborative Strategy on Sustainable Agricultural Water Management; and

(ii) a Regional Partnership to support countries in the implementation of the collaborative strategy.
Focus and approach of the Collaborative Strategy

The Collaborative Strategy is designed to focus on policies, investments, approaches and practices that are necessary to ensure sustainable intensification of agricultural production under water scarce conditions.
Integration with the Arab Strategy for Water Security

The main aspects of the Arab Strategy for Water Security and its action plan which affect agricultural water management are:

1. IWRM, particularly: (i) issues of water resource allocation amongst sectors; (ii) institutional development and human capacity building; (iii) decentralization and participation (a key theme in irrigation management); (iv) water use efficiency; and (v) the use of non-conventional water.

2. Scientific research and technology transfer, a key area for agricultural water management.

3. Climate change assessment and adaptation, particularly: (i) assessment of impacts and vulnerabilities; (ii) preparation of adaptation measures; and (iii) assessment of climate proofing and climate monitoring options.
Integration with the Arab Strategy for Water Security

Key contributions of the Collaborative Strategy on Agricultural Water Management will be:

1. to provide an agricultural water lens to the Arab Strategy for Water Security,
2. to work out the complementarities between the Arab Strategy for Water Security and the more specific agricultural water priorities of the Collaborative Strategy,
3. and to identify axes of work where the Collaborative Strategy can complement the Arab Strategy for Water Security and dovetail into it.
Relationship with RICCAR

1. Assessing CC at the local level;
2. Monitoring the impact of CC on WR, crops and food security;
3. Vulnerability analysis;
4. Simulations of policy response in agriculture.

RICCAR Socio-economic & Environmental vulnerability

Climate change assessment and adaptation

Common platform Regional knowledge Hub

Dialogue, Priority setting and policy formulation on CC adaptation at the regional level.

MOSAICC

AWSS

Agricultural Water Management

RWSI
Merci

Thank you