



MEET AN EXPERT

BARCELONA
2025

MEET AN EXPERT

Theme

Economic Growth and **Water** Management
Challenges

Interviewer

Prof. Dr. Petre Dini, IARIA, USA/EU

Expert

CTO, Dr. Mahmood Ahmad, RKH-WEFnex, Thailand



Petre Dini
IARIA



RIZQ/YUNUS WEFnex Hub AIT,
Thailand



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■ WATER, WATER, WATER, ...

Citizen observation

Obs 1: Agriculture (water sharing)

Obs 2: Industry (water poisoning)

Obs: New technologies (water wasting)

Obs: Citizens (water scarcity awareness)

‘quo vadis’?

Regulations, Quality, and Awareness



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Yunus Center at AIT



WHERE THE WORLD IS GOING, WITH A FOCUS ON CLIMATE SMART AGRICULTURE TECHNOLOGIES AND PRACTICES



Introduction

Amidst the global landscape coping with hunger, climate change, and degraded agricultural lands, Climate-Smart Agriculture (CSA) emerges as a vital solution to address urgent challenges. With more than 122 million people facing hunger since 2019, exacerbated by pandemics, weather disruptions, and conflicts, the UN Secretary-General acknowledges the onset of a new era of global warming. Also, the demand for food continues to rise due to growing populations and economic prosperity, placing pressure on the fundamental elements of productive systems—lands, soils, and clean water sources. CSA, tailored to local conditions and cultural contexts, is increasingly recognized as a realistic solution. FAO, World Bank Group, and CGIAR have been the leaders advocating CAS globally since 2016, funding projects designed to address all three pillars of CSA. These technologies and practices present a compelling avenue to explore during this one-hour presentation, shedding light on sustainable solutions for a resilient future.

Dr. Mahmood Ahmad

Dr. Mahmood Ahmad has stepped aboard as Chief Technical Advisor at the Yunus Rizq Knowledge Hub (YRKH) for the Water-Energy-Food Nexus (WEFnex), which was recently launched by Yunus Center, AIT and Rizq Trust Pakistan. The hub aims to collect, process, and disseminate evidence-based action research to design grassroots interventions at the WEFnex. Dr. Ahmad has an extensive and eminent career spanning over 24 years with the Food and Agriculture Organization (FAO). His expertise has been instrumental in various projects and initiatives notably in FAO's Regional Office in Cairo, Egypt, where he served as Senior Policy Officer for 10 years. Dr. Ahmad has been working as an international consultant, advising on Value Chains and Agribusiness development, Trade, Agriculture, and Water Policy for organizations like USAID, World Bank, ADB, JICA, and Mercy Corps. For the past 4 years, Dr. Ahmad has focused on promoting Climate Smart Agriculture (CSA) with the Lahore University of Management Science (LUMS) and other organizations in Pakistan, which led to the establishment of a pilot farm on CSA funded by Rizq Trust. Another remarkable achievement of Dr. Ahmad is the launched his book titled "Water Policy in Pakistan", published by Springer in October 2023. Dr. Ahmad is widely recognized for his in-depth knowledge, leadership skills, and commitment to promoting sustainable practices in the realm of climate change resilience and agricultural development.

Date: 08 February 2024
Time: 03:00 – 04:00 PM (ICT, Bangkok time)
Venue: AIT Entrepreneurship Center (Hybrid)

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■ WATER, WATER, WATER, WATER, ...

Qs:

Q1 Water Quantity – production vs water consumption

Q2 Water Quality - clean and safe water

Q3 Cost of Development and Maintenance – culture, awareness

Q4 Water Allocation

Q5 Water use and climate change

Q6 New demands - industrial vs. citizen use

Q7 Water recycling