

Water Productivity Masterclass Series

Welcome to the Webinar – Week 4

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WaterPIP
Water Productivity Improvement in Practice



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Water Productivity Masterclass Series

June 3, 2020: Introduction to Monitoring Water Productivity

June 10 & 17, 2020: Monitoring Water Productivity using WaPOR

June 24, 2020: Water Productivity & Sugar Cane Production

July 1, 2020: Socioeconomic Water Productivity

July 8, 2020: Monitoring Water Productivity using AquaCrop

Information, recordings, and presentations available at:

waterpip.un-ihe.org

www.thewaterchannel.tv



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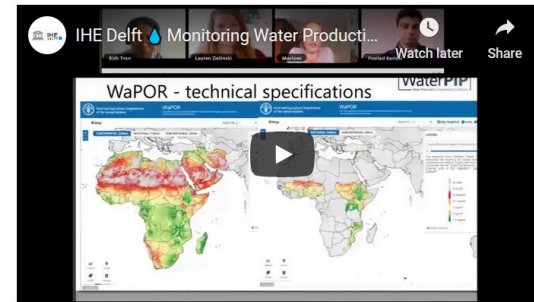
Introduction to the Project

The coming 10-40 years will see major challenges in meeting food demand in a demand will rise by 60% by 2050 and fiber by 80-95%. This occurs at a time of water quantity and quality. Agriculture is by far the world's largest water user and water use sectors is increasing rapidly, not only in semi-arid and arid zones. The industry, energy and urban development, demand more water to be 'freed up' for. At the same time climate change and extreme weather events affects the available food production: unreliable rainfall and higher temperatures that increase the crop water requirements.

The withdrawals of water from rivers and aquifers to irrigated land and enhance generally speaking not efficient, and there is ample room for improvement, if on

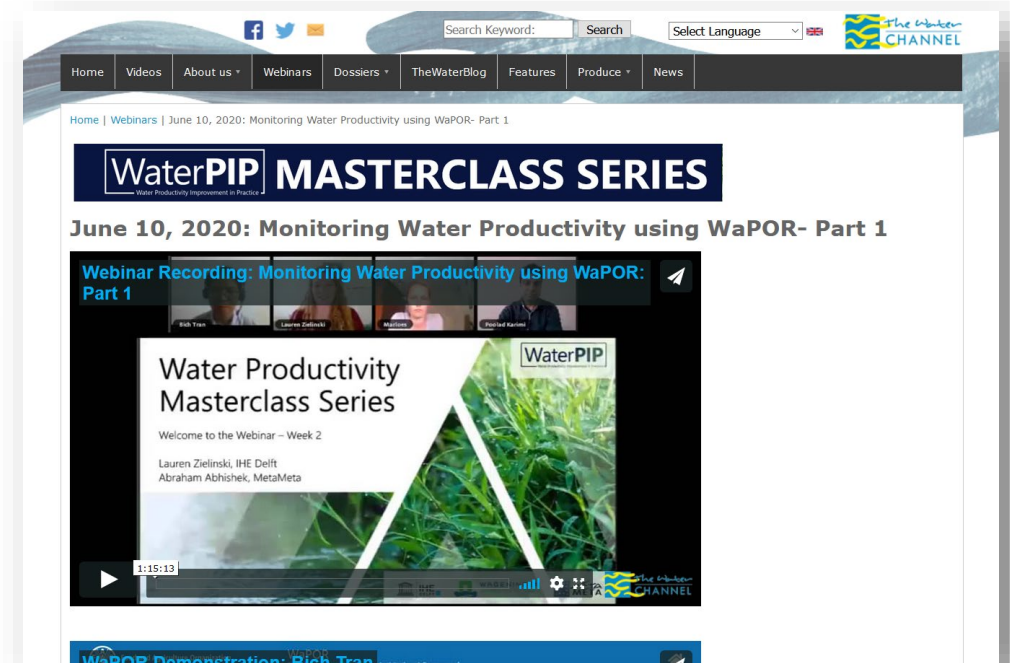
Outputs of the Webinar

Webinar Recording



Presentations

- o Week 2 Introduction - Lauren Zielinski, IHE Delft
- o Video: Introduction to WaPOR - The Water Channel



Agenda

<u>Presenter</u>	<u>Topic</u>	<u>Time</u>
Abera Girma <i>Civil and Irrigation Works Division Manager, Wonji – Shoa Sugar Factory</i>	Recorded interview: Sugarcane production experience from the field	20 mins
Taye Alemayehu, PhD <i>Ethiopia country representative, MetaMeta Assistant Professor, Addis Ababa University</i>	Development and operation of the sugar industry: priorities, opportunities, and challenges	10 mins
Prof. Pieter van der Zaag <i>Professor of Integrated Water Resources Management, IHE Delft</i>	The implication of sugarcane expansion on water use in a river basin context	10 mins
Abebe Chukalla, PhD <i>Lecturer/Analyst in Remote Sensing and Crop Water Productivity, IHE Delft</i>	Intensification vs expansion in sugarcane production	10 mins
Maarten Vanderstukken, PhD <i>Project Manager Breeding, SESVanderHave</i>	Video: Sugar beet breeding Sugar beet: deep rooted for sustainability	10 mins
Lauren Zielinski & Abraham Abhishek <i>Moderators</i>	Q&A	30 mins