



WATER PRODUCTIVITY AND WATER ACCOUNTING USING WaPOR

MODULE 2: WATER PRODUCTIVITY

UNIT 1

Concept and application of WaPOR based indicators in agriculture

IHE Delft Institute for Water Education and FAO have developed an open online course to teach end-users how to actively use the WaPOR portal for their own needs. The main focus of the course will be on how to search, download, and apply WaPOR data for water productivity and water accounting studies.

UNIT 2

Assessment of water productivity and other irrigation performance indicators

In Module 2, students will be introduced to the concept of water productivity and how WaPOR can be used to calculate various indicators in agricultural crop production. Students will be guided on how to use GIS and Python to analyze water productivity and other irrigation performance indicators, as well as to identify bright spots (high yield and water productivity areas) and yield gaps to assess potential improvements in crop production and agricultural water management.

UNIT 3

Bright spots and yield gaps

The course is free to attend and is open to all who are interested. A reliable internet connection is required. The course is self-paced with units being released on a weekly basis. A certificate of completion can be obtained after completing Module 1 and either Module 2 or 3. **Module 2 begins on October 12, 2020.** More information, including how to enroll, can be found at www.un-ihe.org/open-courseware.

This course has been produced in the framework of FAO WaPOR project.

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Frame consortium:

