WATER PRODUCTIVITY AND WATER ACCOUNTING USING WaPOR

MODULE 3: WATER ACCOUNTING

UNIT 1

Introduction to Water Accounting

UNIT 2

Water Balance from RS and Other Global Datasets

UNIT 3

Data Comparison and RS Products per Land Cover Classification

UNIT 4

Splitting ET to Rainfall and Incremental Components

UNIT 5

Water Accounting Reporting

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.

In Module 3, students will be introduced to the concept and applications of water accounting using remote sensing (RS) products and global data sets. Students will learn how to compute water balance for a river basin, compare RS data with in-situ measurements, compute precipitation and evapotranspiration (ET) values for different land cover classes, split ET into rainfall and incremental components, and understand water account reporting, including key indicators of water resources in a river basin.

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 3 begins on October 12, 2020**. More information, including how to enroll, can be found at **www.un-ihe.org/open-courseware**.

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