The FAO has developed the water-driven simulation model AquaCrop. AquaCrop provides a diagnostic tool to assess water productivity at the farm-level and provides insights regarding the possible causes of decreased water productivity (i.e., different types of stresses). This model can be used by agricultural water managers, project leaders, and researchers with a basic understanding of agronomical processes and modeling experience.

This masterclass webinar from WaterPIP is aimed at introducing the AquaCrop simulation model and explaining the simple agronomic background on which AquaCrop is based. After the completion of the webinar, you will be able to run your own simulation based on your own data and understand how you can improve water productivity at the farm-level.

Topics include:
- How AquaCrop works
- What are the input requirements
- Which indicators can be derived using AquaCrop
- Showcasing five farm cases from Kenya