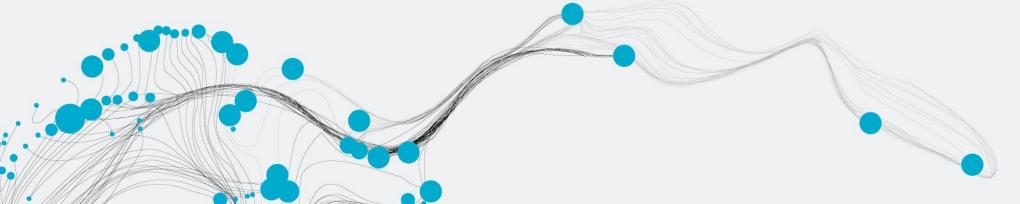
This HE Teaching Material was supported by the EGU Higher Education Teaching Material Grant 2023



CROP WATER PRODUCTIVITY

AN ONLINE SHORT COURSE BY DR. EGOR PRIKAZIUK WITH SUPPORT OF THE EUROPEAN GEOSCIENCE UNION, EGU





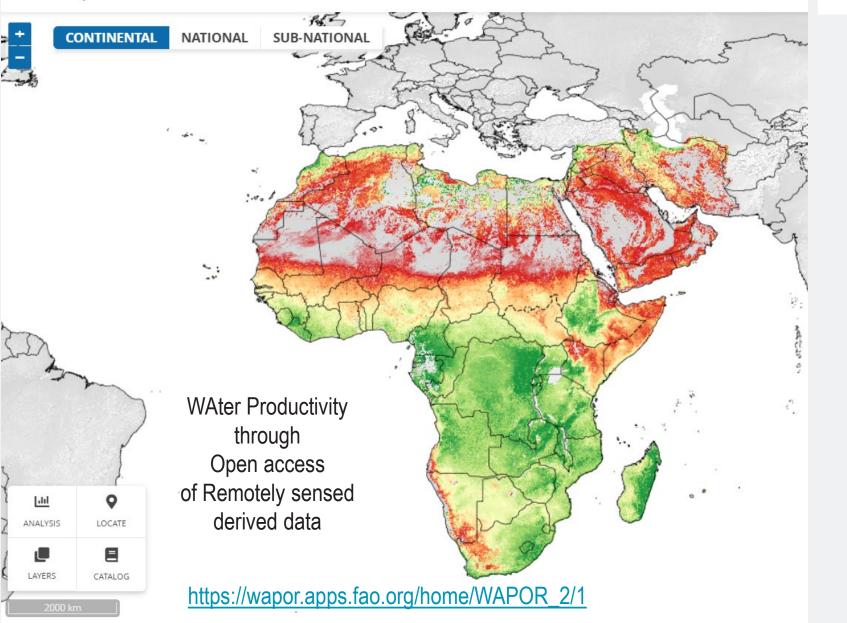
WaPOR

The FAO portal to monitor WAter Productivity through Open a Remotely sensed derived data











WAPOR DATASETS

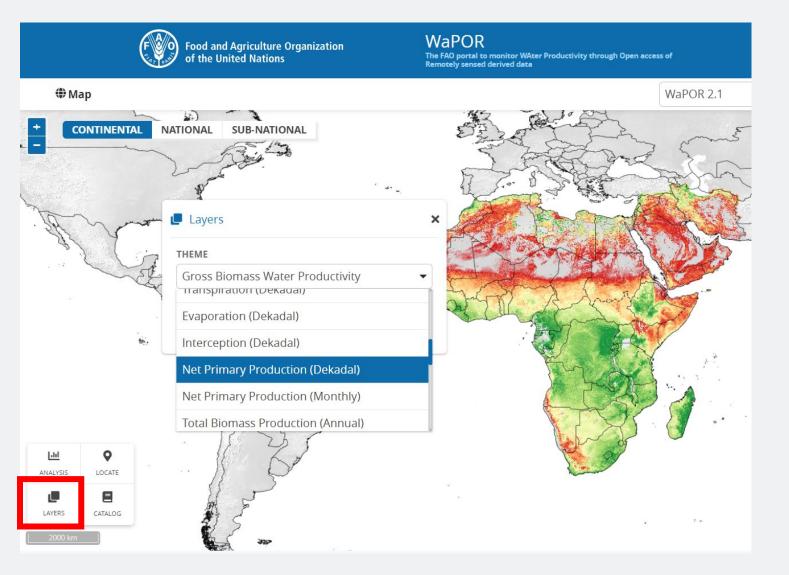


Dataset	Spatial resolution	Temporal resolution
Net primary production (NPP)	250 m (Level 1, Continental) 100 m (Level 2, National) 30 m (Level 3, Sub-National)	Dekadal Monthly Yearly
Actual evaporation, transpiration and interception (AETI)	250 m (Level 1, Continental) 100 m (Level 2, National) 30 m (Level 3, Sub-National)	Dekadal Monthly Yearly
Land cover classification	250 m (Level 1, Continental) 100 m (Level 2, National) 30 m (Level 3, Sub-National)	Yearly

Other datasests include precipitation and reference evapotranspiration (RET), we are not going to use them



1. Select a Layer

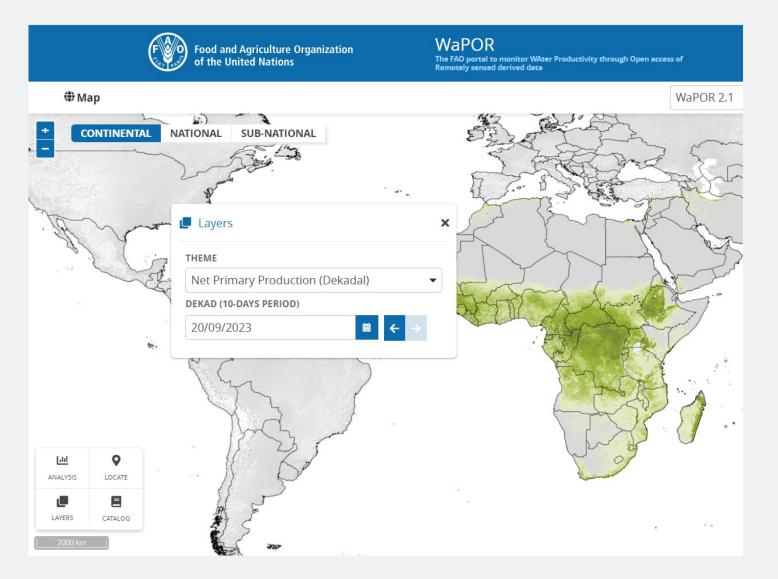








1. Select a Layer

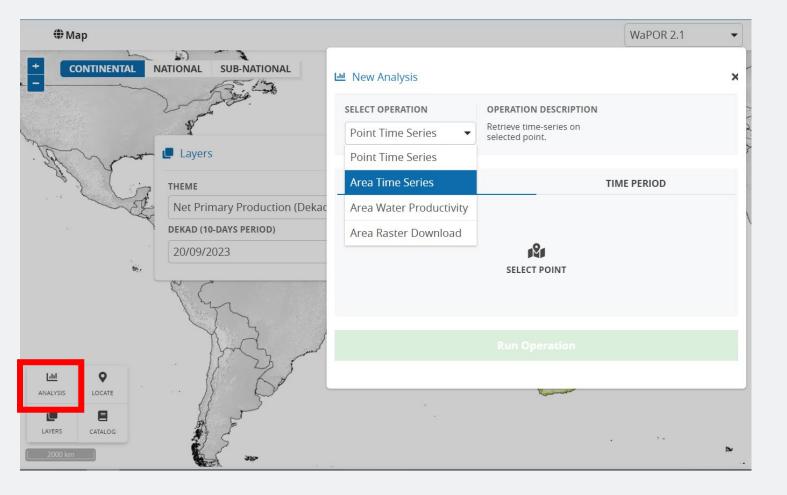








2. Select Analysis -> Area Time Series

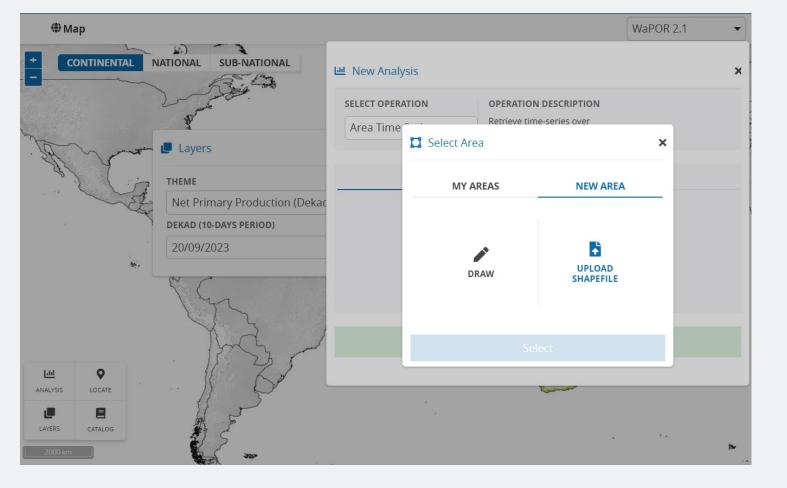








3. Provide a shape file with your field / irrigation scheme

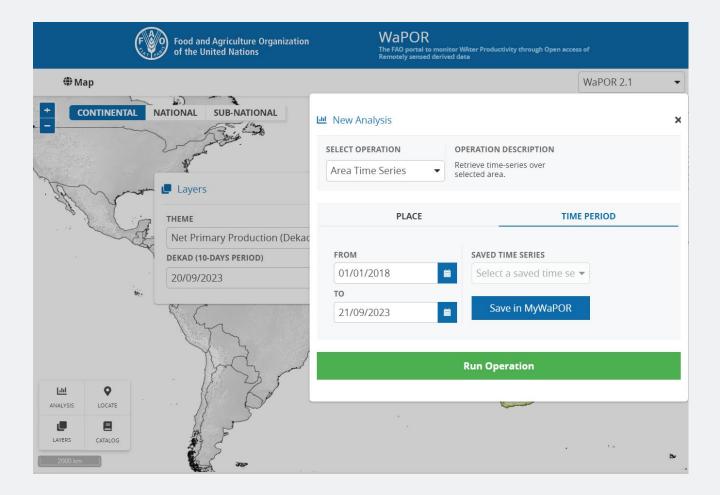








4. Select the time period (of at least 3 years)





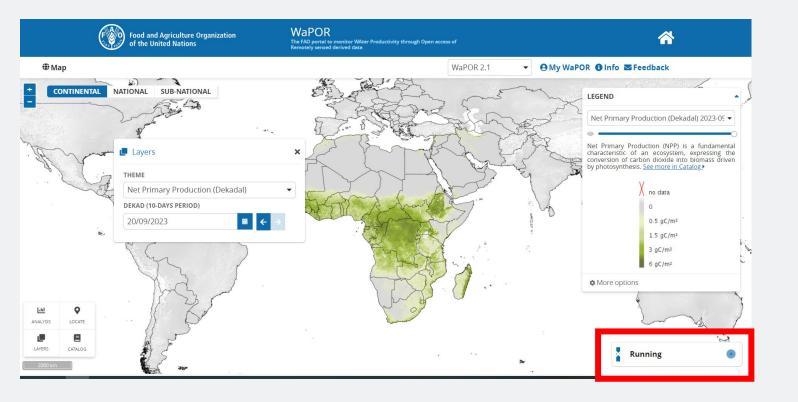




5. Click "Run operation" and wait



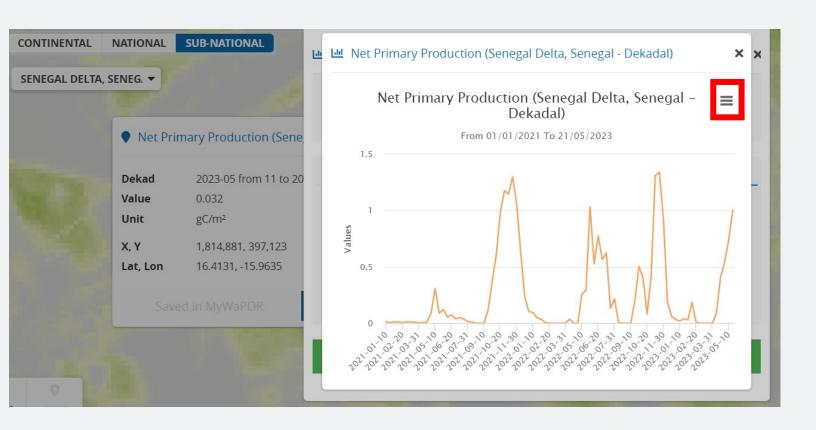






6. Download the data





Repeat this procedure for AETI layer

Tired of repeating? – use Python API



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