Module 5
AquaCropPlotter

Riccardo Soldan

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➢ This presentation will focus on how to visualize and interpret AquaCrop results when running multiple simulations

➢ AquaCrop results are txt files with extension OUT. Even with fairly simple experimental designs, such as multiple locations and multiple years of simulations, you can easily find yourself with more than 10 files. This can scale up to hundreds of files.

➢ We developed AquaCropPlotter, an app that can automatically load and process the results of AquaCrop.

➢ AquaCropPlotter can be found on GitHub

➢ AquaCropPlotter can be run locally after installing the app in R or it can be used online

➢ In this tutorial we will use the online version

➢ The app works in four steps:

1. Load the data

2. Combine the data

3. Plot the data

4. Analyse the data

➢ In this tutorial we will be working with AquaCrop simulations for maize grown in 3 locations and using 3 different climate models

➢ The data to be uploaded to the app is found in the directory Crop_Module_5

➢ The rest of the tutorial will be about using the app directly

➢ For additional documentation, visit our page

Thank you!

Contact details:
jorge.alvarbeltran@fao.org
riccardo.soldan@fao.org