Elisios: application for irrigation management

Flavio Lozano Isla, Jimmy R. Gomez Carrion, Kevin Arthur Lara Jauregui, Omar Benites Alfaro

2017-05-16

# Elisios

*Elisios* es una plataforma *on line* para el cálculo de evapotranspiración de referencia en cual emplea la ecuación de **Penman-Monteith FAO1998**

is a web application based in R + Shiny for calculate the irrigation requiremt for crops according the metereological condition and plant characteristics.

## Principal characteristics

* Calculate the dialy evapotranspiration
* Calculate the crop irrigation schedule
* Optimized for arduino metereological estation
* Remote sensing app
* Free open source software

