



INFORMATION SHEET



Agricultural Irrigation

D7: Soil, Water, Plant-water relationships & Climate

Who is the course aimed at?

People with a background in irrigation design who are responsible for designing new irrigation systems as well as trouble shooting or improvement of the performance of existing irrigation systems.

Which skills will the learner acquire during the course?

SAPWAT is a well-known WRC funded model used by irrigation designers for the determination of crop water requirement to ensure sufficient water during the growing season.

This course will cover the basics to understand all the options to use the model effectively, as well as highlighting the functionalities applicable to irrigation water management.

This includes the use of weather data, crop coefficients, soil texture, root depths, leaching fraction requirements, irrigation system efficiencies, distribution uniformities, wetted areas and water balances.

Course length: 2 days

Venues

Western Cape (Bellville):	15 - 16 October 2024
Gauteng (Pretoria):	29 -30 October 2024

Presentation of courses will be subject to a minimum number of learners

