



# **IrrigationWise Academy**

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LEARN TO GROW

## **D7: USE OF SAPWAT FOR DETERMINATION OF IRRIGATION WATER REQUIREMENT**

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**

**Course fee (VAT excluded):**

**R4 500 (SABI members), R5 500 (Non-members)**

**Venues:**

**Stellenbosch: 12 – 13 October 2021**

**Pretoria: 26 – 27 October 2021**

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