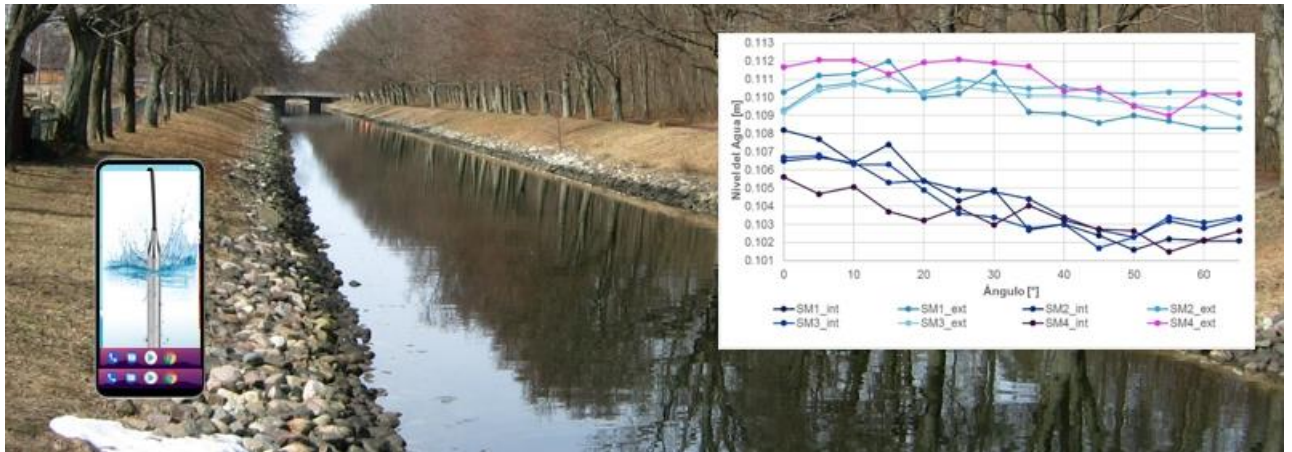


#97-21-CATLRJ

Technology

Precision Technology

Water Level Sensor in Channels A01



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#irrigation | #water | #channels | #Catamarca | #ultrasound

<https://www.argentina.gob.ar/inta/tecnologias/sensor-de-nivel-de-agua-en-canales-a01>

Water level measurement device for channels with an ultrasound sensor.

It also relies on a device that stores data that is forwarded to a mobile application for real-time analysis. This solution enables to constantly measure the water level in irrigation channels. By calibrating channels, it is possible to know the irrigation performance indicators.

Low-cost, open-source technology.

Allows adding several sensors to improve functionality.

Tailored application for data measurement.

Intermediate. Testing inter-device communication (Whether via radiofrequency or LoRa).

Next stage: App development.

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