



RESOURCE

GIS Applications for Irrigation Management

|

Author(s)

Ćulibrk, Dubravko Vukobratovic, Dejan Minic, Vladan Alonso Fernández, Marta Álvarez Osuna, Javier Crnojevic, Vladimir

Description / Abstract

Book chapter. Although there are, as of yet, no specific GIS applications for irrigation management, there are several products related to precision agriculture which offer tools to monitor the water use in order to improve land/crop performance and offers several GIS functionalities. These precision agriculture software packages can be used to identify strategies for improved land/crop management. Precision agriculture software provides a link between crop production records and spatial (map) data, including site-specific or land management units. Precision agriculture software is required for field data collection (spatial and non-spatial), data management and data analysis.

Publication year

2013

Publisher

Sensing Technologies For Precision Irrigation

Keywords

Geographic Information System (GIS) Irrigation

Thematic Tagging

Climate Gender Private Sector Transboundary Urban Water services Youth Ecosystems/Nature-based solutions

Language English

[View resource](#)

Related IWRM Tools



Tool

Geographic Information System

C2.01

**Source
URL:**

<https://iwrmaactionhub.org/resource/gis-applications-irrigation-management>