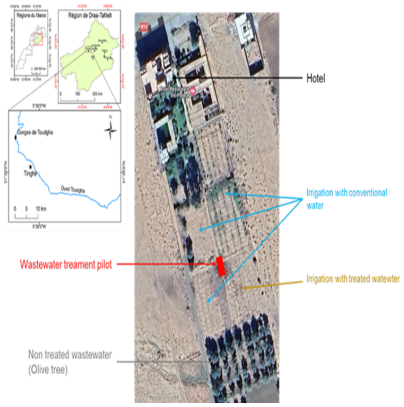


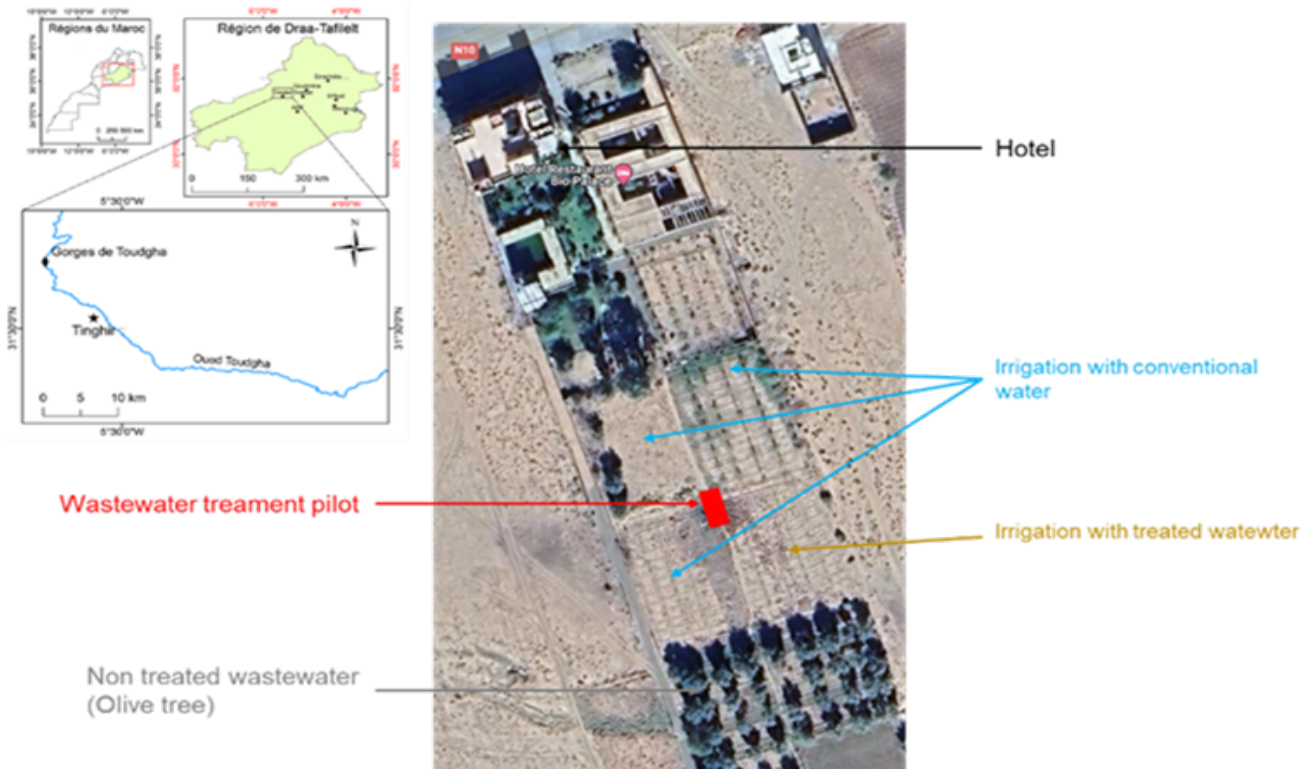
Innovating Wastewater Treatment in Morocco’s Oasis Regions

Description

In Morocco’s Tinghir region, the **Institut Agronomique et Vétérinaire Hassan II (IAV Hassan II)** is leading an innovative initiative to address water scarcity and support environmental sustainability as part of the **PRIMA-SAFE** project. This project aims to implement effective, low-cost wastewater treatment solutions tailored for rural areas across the Mediterranean region, where water resources are often limited.

A central element of this initiative is the development of a **Buffered Anaerobic Reactor (BAR)**, a compact and straightforward system designed for efficient wastewater treatment in remote settings. The BAR system requires minimal ground space, making it highly suitable for rural areas with limited land availability. It is also quick to assemble and maintain, which is essential for effective operation in isolated locations.

This wastewater treatment system is particularly beneficial for small, rural touristic units in Morocco, where managing wastewater sustainably is crucial. The BAR system provides an affordable and practical solution that reduces environmental impact while supporting local tourism and agricultural practices.



By implementing the BAR system in Morocco's oasis regions, IAV Hassan II contributes to the **PRIMA-SAFE** project's overarching goal of enhancing water management in water-scarce environments. This initiative aligns with PRIMA's commitment to developing sustainable, locally adapted solutions for water and agricultural challenges in the Mediterranean region, creating models that could be replicated across similar climates worldwide.

Category

1. Senza categoria

Date Created
2024/11/01
Author
writer