

Meet the Experts Leading Water Innovation at ICRA

Description



The **Catalan Institute for Water Research (ICRA)**, based in Girona, Spain, is a renowned research center dedicated to advancing water science and technology across the entire water cycle. ICRA tackles some of the most pressing water-related challenges, from water quality and pollution to sustainable management solutions, with a strong focus on innovation and environmental impact.

In the **PRIMA-SAFE** project, ICRA's role is crucial. As the leader of **Work Package 2 (WP2)**, ICRA is responsible for assessing the environmental and health risks associated with using treated wastewater in agriculture. This involves evaluating water, soil, and crops to ensure the safety and sustainability of water reuse practices, vital for sustainable agriculture. With its deep expertise, ICRA is helping shape practices that prioritize both public health and ecosystem integrity.

Key contributors to this mission include **Dr. Gianluigi Buttiglieri** and **Ms. Josephine Vosse**, who are pushing boundaries in water reuse and circular economy research.

Dr. Gianluigi Buttiglieri focuses on water reuse technology and mitigating the effects of micropollutants. His research investigates how organic micropollutants behave in wastewater and explores nature-based treatment solutions. As the lead of multiple projects like ReUseMP3, Dr. Buttiglieri's work is central to advancing safe, sustainable water management practices that prioritize both resource conservation and environmental health.

Ms. Josephine Vosse brings her expertise in environmental health risk assessment to her research on water reuse. She concentrates on understanding the potential health risks of using reclaimed water, particularly in agriculture, where irrigation water safety is paramount. Her work includes studying how pharmaceutical residues in treated water might impact food crops, contributing essential insights into safe, sustainable agricultural practices.

Together, Dr. Buttiglieri and Ms. Vosse are leading water research that addresses challenges affecting both local communities and ecosystems, with broader implications for regions worldwide that face similar water resource constraints

Category

1. Senza categoria

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