

# Resource recovery and treated wastewater reuse in the Mediterranean area: Science, Safety and Sustainability

June 12, 2025 – University of Basilicata, Potenza, Italy

## Program

9:00 – 9:30: Workshop opening

Prof. Mancini (Rector, University of Basilicata)

Prof. Prosser (Director of the Department of Basic and Applied Sciences)

Dr. Donato Rotunno (Director, ARPA Basilicata)

Dr. Mongiello (Environmental Councillor)

9:30 – 9:50: Dr. Vito Imbrenda (CNR-IMMA) : “Crop yield and climate vulnerability: An analysis of satellite data in Southern Italy’s arable lands”

9:50 – 10:10: Prof. Sabino Aurelio Bufo (UNIBAS): “Clean Technologies for water reuse and waste treatment under circular economy directives”

10:10 – 10:30: Dr. Maria Concetta Tomei (IRSA-CNR): “Anaerobic treatment of domestic wastewater in the context of the 3R concept: Reduce – Reuse – Recycle”

10:30 – 10:50: Sofia Semitsoglou (ICRA): “Micropollutant uptake and human health risk assessment in tomatoes fertigated with wastewater in Greece, Italy, Tunisia, and Morocco”

☕ 10:50 – 11:30 | Coffee Break

11:30 – 11:50: Prof. Mohammed Ibriz (UIT): “Impacts of wastewater reuse on plant performance and soil quality”

11:50 – 12:10: Samia Khadhar (CERTE): “Safe and sustainable wastewater irrigation in semi-arid environments: Site selection criteria and agro-environmental impacts of treated wastewater use”

12:10 – 12:40: Andrea Di Cesare & Raffaella Sabatino (CNR – IRSA): “Antimicrobial resistance: From wastewater treatment plants to the environment”

12:40 – 13:00: Gianluigi Buttiglieri (ICRA): “Project Water4Loop”

13:00 – 13:20: Monica Brienza (UNIBAS): “Project Water4ALL”

☕ 13:30: Lunch and Conference Closing