



The One World One Water Center (Denver, CO, USA) Student Visit to Italy Water resources management and infrastructures:

achieving water and food security in the
climate and energy transition strategies

Italy, 24-26 November 2025



OneWorldOneWaterCenter

Metropolitan State University of Denver | Denver Botanic Gardens

The week is dedicated to lessons/courses and field visits for students from the United States, led by The One World One Water Center (OWOW), a joint program of Metropolitan State University of Denver (MSU Denver) and Denver Botanic Gardens. The group will be hosted by professors and researchers from DICII Department (Department of Civil Engineering and Computer Science) of University of Rome Tor Vergata, CREA (Council for Agricultural Research and Economics - Research Centre for Agricultural Policies and Bioeconomy) and CER (Canale Emiliano Romagnolo).

MONDAY 24TH OF NOVEMBER – MORNING SESSION (FIELD VISIT ALONG THE TIBER RIVER IN THE HISTORICAL CENTER OF ROME)

Meeting point: 10.15am at ISOLA TIBERINA (<https://maps.app.goo.gl/b4LRdGwUAWFkdabn9>)

10:30-12:30 An open-air lecture walking with Denver and UNIROMA2 students to study Tiber river water works (Muraglioni, Discovering flood tags etc) with the architectural-historical perspective (**prof. Ilaria Giannetti; prof. Stefania Mornati**) and technical-flood mitigation hydraulics of Rome flood protection system (**prof. Fernando Nardi**)

Lunch break – lunch on your own

Monday 24th of November – Afternoon session (CREA, Biblioteca Nigro, Via della Navicella 3-5 Rome)

14:30-15:00 Institutional remarks

Alessandra Pesce, CREA Policies and Bio-economy Director
Paola Fiore, Institutional Affairs and International relations CREA

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Renato Baciocchi, Prorector for Technology Transfer – DICII Director (University of Rome Tor Vergata)

Bianca Sulpasso, Rector's Delegate for International Affairs (University of Rome Tor Vergata)

15:00-17:00 UNITOV DICII, OWOW, CREA, CER Lectures

Giulia Costa (DICII) - Environmental Engineering and river basin management: an example of water quality monitoring and modelling for the river Tiber

Fabio Del Frate (DICII) - Recent Advances of Earth Observation and Artificial Intelligence for Agriculture and Water Management

Jennifer Riley-Chetwynd, Nona Shipman (One World One Water Center/Denver Botanic Gardens) - Overview of Colorado River and Western U.S. water issues/management

Silvia Baralla (CREA-PB) - Horizon project Aquagri-Know-Maximizing the impact of EIP-AGRI operational groups for efficient water management on-farm – unleashing practical knowledge and farmer-friendly resources

Tuesday 25th of November (Field visit)

Field visit at “Azienda Mistica Capodarco”, Via della Tenuta della Mistica, 55, 00155 Rome (Organized by CREA-PB)

Wednesday 26th of November (Field visit)

Field visit at “Canale Emiliano Romagnolo – CER” in Budrio (Bo) (Organized by CER)

Organizing & Scientific Committee: Fernando Nardi (University of Rome Tor Vergata), Raffaella Zucaro (CER), Francesco Cavazza (CER), Silvia Baralla (CREA-PB), Jennifer Riley Chetwynd (OWOW MSU Denver, Denver Botanic Gardens), Nona Shipman (OWOW MSU Denver)

Secretariat: Jackeline Dina Canevello Vives; Anna Lapoli (CREA-PB)