

IRRIGATION AND SUSTAINABLE OLIVICULTURE IN THE MEDITERRANEAN SUMMER SCHOOL 2025

8–12 September 2025

Euro-Mediterranean University (EMUNI), Piran & Koper, Slovenia



MONDAY (EMUNI UNIVERSITY, PIRAN)

- 09.00 - 10.00** Opening of Summer School & Welcome at EMUNI
- 10.00 - 11.00** CIHEAM Zaragoza - Sustainable Agriculture: The North Mediterranean Experience
-Dr.Raúl Compés López, Director CIHEAM Zaragoza
- 11.00 - 11.30** Agriculture and White Phosphoru - Mariam Younes, AMWAJ Lebanon
- 11.00 - 12.00** SEKEM - Sustainable Agriculture: The South Mediterranean Experience
-Dr. Marwa Mokhtar Abdalgeel Khairallah, Heliopolis University
- 12.00 - 13.00** Lunch Break (*self-paid*)
- 13.00 - 15.30** The digitalization of olive cultivation and irrigation in response to climate change
- Dr. Ramzi Belkhodja, CIHEAM Zaragoza
- 16.00 - 17.00** Guided Tour of Piran

TUESDAY (ZRS, KOPER)

- 08.00 - 09.00** Travel from Piran to Partner's premisses
- 09.00 - 09.30** Welcome at the Partner institution
- 09.30 - 10.30** From Roots to Resilience: Breeding and Biodiversity Strategies for Climate-Smart Olive Orchard
-Dr. Marwa Mokhtar Abdalgeel Khairallah, Heliopolis University
- 10.30 - 12.00** Adaptive Cultivation in Olive Growing for Changing Environments
-Dr. Maja Podgornik, Institute for Oliveculture, ZRS Koper
- 12.00 - 13.00** Lunch Break (*self-paid*) + Travel to Marezige
- 13.00 - 16.00** Visit to a Demonstration Orchard in Marezige with Hands-on Presentation of Irrigation and Measurement Tools
-Dr. Jakob Fantinič



WEDNESDAY (ZRS, IZOLA)

- 09.00 - 13.00** Introduction to Irrigation management: Techniques and Benefits for Plants
-Msc Jakob Fantinič, Institute for Oliveculture, ZRS Koper
Olive Oil: Composition, Bioactive Properties and Use
-Prof.Benhamidat Lyna, University of Tlemcen
- 13.00 - 14.30** Lunch Break (*self-paid*)
- 14.30 - 15.30** Visit of ZRS Laboratories and Sensorial Olive Oil Tasting

THURSDAY (EMUNI UNIVERSITY, PIRAN)

- 09.30 - 12.00** Olive Oil Processing and By-Product Valorization under Climate Change and Irrigation Challenges
-Rok Babič, Institute for Oliveculture, ZRS Koper
Valorisation of By-products and enhancing the soil biodiversity
-Rok Babič, Institute for Oliveculture, ZRS Koper
- 12.00 - 13.00** Lunch Break (*self-paid*)
- 13.00 - 15.30** Soil Properties: Understanding the Foundation of Healthy Plant Growth
-Dr. Marwa Mokhtar Abdalgeleel Khairallah, Heliopolis University
Free-Living Soil Nematodes as Indicators of Soil Health: General Insights and Irrigation Impacts
-Dr. Mateja Grego, Institute for Oliveculture, ZRS Koper
- 16.00 - 17.00** Preparation for the Farewell Party
- 17.00 - 20.00** Farewell Party @ EMUNI Library: Students prepare the concept of the party (courtesy of EMUNI)

FRIDAY (EMUNI UNIVERSITY, PIRAN)

- 09.30 - 12.00** Harvesting at the Right Time: How Summer Water Stress and Climate Define Olive Oil Quality
-MsC Albert Kravos, Institute for Oliveculture, ZRS Koper
Discussion & Roundtable
- Prof.Benhamidat Lyna & Prof. Marwa Mokhtar Abdalgeleel Khairallah
- 12.00 - 13.00** Lunch time (*self-paid*)
- 13.00 - 14.30** Student's exam or presentations
- 15.00 - 16.00** Official Conclusion, awarding the Certificates of Participation

CERTIFICATES:

- **Certificate of Attendance:** awarded at the end of the summer school to all participants who have completed the programme.
- **Transcript of Records (with 3 ECTS credits and grades):** awarded only to participants who complete all course requirements and pass the final exam. Transcripts will be emailed to each participant individually. Hard copies will not be issued. Participants' home institutions should contact us directly if this is required.

