



2nd Summer School

“Circular economy in water management and agriculture”

Malta College of
Arts, Science & Technology
2 - 6 July 2018
Paola, Malta



Day 1: July 2nd 2018

- 08:30 – 09:00 Registration & welcome coffee
- 09:00 – 09:30 Introduction - The agricultural sector in Malta, its strategic priorities and sustainable development.
Speaker: Marco Dimech, *Manager at the Rural Development Department, Agriculture Directorate of Malta*
- 09:30 – 10:00 Presentation on the FOWARIM project, its results and outcomes
Speaker: Malcolm Borg, *Project Coordinator, FowariM*
- 10:00 – 10:20 2nd Summer School opening – Why Circular Economy?
Speaker: Leonardo Piccinetti, *Managing Director, Europe for Business Ltd.*
- 10:20 – 11:10 A City-Scale Lens for Circular Economy, the case of Peterborough, UK
Speaker: Stephen Hallett, *Associate Professor in Environmental Informatics, Cranfield University*
- 11:10 – 11:30 Coffee Break
- 11:30 – 12:15 Digitalization of agriculture: the approach of the European Commission to the digital revolution
Speaker: Davide Meinero, *Managing Director, Id Consulting*
- 12:15 – 13:00 Sharing knowledge on the leading communication tools for scientific projects
Speaker: Paolo Nouvion, *Communication Officer, Id Consulting*
- 13:00 – 14:00 Lunch
- 14:00 – 14:45 Stakeholders engagement for inclusive water governance
Speaker: Alberto Asquer, *Public Policy and Management, University of London*
- 14:45 – 15:30 Reduction of the carbon footprint through the use of photovoltaic energy in the modernization of irrigation, case study of a semi-arid area of Southeast Spain
Speaker: Jesús Chazarra, *PhD, Miguel Hernández University*

Day 2: July 3rd 2018

- 09:00 – 09:30 How can the FOWARIM project be supported through e-learning platform?
Speaker: Leonardo Piccinetti, *Managing Director, Europe for Business Ltd.*
- 09:30 – 10:15 Problems of water use in the Mediterranean Region
Speaker: Daniela D’Agostino, *Consultant in Water Resources Management, CIHEAM-IAMB*
- 10:15 – 10:45 Young farmers: Intergenerational knowledge transfer, the circular economy and IT is the sustainability of our fields. Case study.
Speaker: Carmen Muñoz, *Manager, Europe for Business Ltd.*
- 10:45 – 11:30 Coffee Break
- 11:30 – 16:30 Visit to Għajnsielem: The National Water Conservation Awareness Centre
Organization: The Energy & Water Agency of Malta

The 2nd FowariM Summer School takes place at MCAST from 2 to 6 July 2018.

Venue: Room 205 at the Institute of Applied Sciences within the Malta College for Arts, Science & Technology,

Address: Triq Kordin, Raġal Ġdid, Malta.

FowariM is a 3-year project that addresses the lack of water availability faced by the agricultural sector in Malta through research. Funded by the European Union within the H2020 programme.

For more information: www.fowarim.eu

Summer School Organizer:



In partnership with:



environment.gov.mt*



Summer School
Supporter:

Cranfield
UNIVERSITY

Communication
and Dissemination:

I&D
Consulting

Day 3: July 4th 2018

09:00 – 12:30 Morning session - 3 Solutions to the issues of water use in the Mediterranean Region:

09:00 – 10:00 1st Solution: Water in the Mediterranean region: an approach to some strategic solutions

Speaker: Lucila Candela, *Professor, Technical University of Catalonia*

10:00 – 10:45 2nd Solution: Solution of the issues with reclaimed water use: benefits and barriers to reuse treated wastewater for irrigation

Speaker: Philippe Ker Rault, *Environmental Research, Wageningen University*

10:45 – 11:30 Coffee Break

11:30 – 12:30 3rd solution: Use of zenital photography combined with low cost soil moisture sensors for crop monitoring in lettuce. Some initial results

Speaker: Antonio Ruiz, *Professor, Department of Engineering, Area of Agroforestry Engineering, Miguel Hernández University*

12:30 – 13:30 Setting up of a local research cooperation network focusing on Water and Agriculture

Speaker: Christian Camilleri, *Project & Research Engineer*, and Malcolm Borg, *Deputy Director of the Institute of Applied Sciences, MCAST*

13:30 – 14:30 Lunch Break

14:30 – 15:30 Using Satellite Imagery to estimate irrigated water usage

Speaker: Steve Zerafa, *Lecturer and Researcher, MCAST*

Day 4: July 5th 2018

09:00 – 10:00 What is it the business model?

Speaker: Leonardo Piccinetti, *Managing Director, Europe for Business Ltd.*

10:00 – 11:00 Business Model for Water Reuse

Speaker: Gustavo Perez, *Project Manager, Universitat Autònoma de Barcelona*

11:00 – 11:30 Coffee Break

11:30 – 13:00 Introduction to European Union funding for research and innovation and education in water and agriculture sectors

Speaker: Leonardo Piccinetti, *Managing Director, Europe for Business Ltd.*

Day 5: July 6th 2018

09:30 – 12:30 Study Visit: Pembroke Reverse Osmosis desalination plant