

Monday 11th of July

08:45 - 09:15	Welcome and Introduction
09:15 - 10:00	Energy efficiency measures in wastewater treatment plants
10:00 - 11:00	Opportunities and challenges for standalone water treatment solutions
11:00 - 11:15	<i>Break</i>
11:15 - 12:00	Production of methane gas from wastewater plants
12:00 - 13:00	Koblenz energy reduction in WWTP project (hydropower, solar power). Practical contribution
13:00 - 14:00	Anaerobic Digestion: a core technology for net bioenergy production

Tuesday 12th of July

09:00 - 10:00	Alternative super-adsorbents and selective materials in wastewater treatment
10:00 - 11:00	Different methods for water treatment using cheap adsorbents
11:00 - 11:15	<i>Break</i>
11:15 - 12:00	Utilization of solar energy for olive mills wastewater treatment techniques
12:00 - 13:00	Integration methodology for landfill leachate treatment by using a hybrid system based on ultraviolet processes Advanced Oxidation Processes (AOPs) and membrane technology
13:00 - 14:00	Removal of organic microcontaminants from wastewaters by catalytic and photocatalytic advanced oxidation processes (AOPs)

Wednesday 13th of July

09:00 - 10:00	Climate proofing: adapt WWTP to possible floods and droughts with regard to buildings, hydraulics, dimension
10:00 - 11:00	Transforming wastewater treatment to mitigate GHGs
11:00 - 11:15	<i>Break</i>
11:15 - 12:00	Cases of municipal sewage treatment in China
12:00 - 13:00	Model applications in wastewater treatment plants
13:00 - 14:00	Advanced Oxidation Processes for water and wastewater treatment
14:00 - 15:30	<i>Break</i>
15:30 - 19:00	Poster Session

Thursday 14th of July

09:00 - 10:00	Biochar production from agricultural wastes, addition to soil and improvement of soil properties and production yield
10:00 - 11:00	Multi - Soil - Layering technology: an environmental friendly solution for wastewater treatment in developing countries
11:00 - 11:15	<i>Break</i>
11:15 - 12:00	Biosolids in agriculture
12:00 - 13:00	Rational water management in greenhouses
13:00 - 14:00	Decision Support System for safe wastewater and biosolids reuse in agriculture applications

Friday 15th of July

09:00 - 10:00	Viruses and wastewater treatment. The case of SARS-CoV-2
10:00 - 11:00	Water and Excreta Related Diseases
11:00 - 11:15	<i>Break</i>
11:15 - 12:00	Options for phytoremediation of pharmaceuticals and the role of plant-microbe interactions
12:00 - 13:00	Photocatalytic applications for disinfection purposes
13:00 - 14:00	Waterborne diseases and Public Health – A journey through history
14:00 - 14:15	Closing remarks

Saturday 16th of July

09:00 - 11:30	Self-assessment examination
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I. Kalavrouziotis
J. Wiese
A. Tiwary

O. Al-Ayed

D. Ziegler
S. Pavlostathis

G. Kyzas
M. Matouq

M. Matouq

D. Lambropoulou

I. Konstantinou

D. Ziegler
G. Fytianos

Z. Guangcan
J. Maşkinia
E. Grilla

K. Komnitsas

L. Mandi

I. Kalavrouziotis
K. Kittas

S. Kyritsis

P. Kokkinos
M. Yacoub Hindiye

P. Schröder
D. Venieri
E. Jelastopoulou
I. Kalavrouziotis

Sunday 17th of July

Travel to Patras Greece - Welcome Ceremony

Monday 18th of July

- 10:30 Welcome at the Hellenic Open University campus *I. Kalavrouziotis*
- 10:30 - 12:30 Practical training on wastewater analyses: COD, Total N (+ ammonium-N, nitrate-N, nitrite-N), Total P (+orthophosphates), SS, BOD, pH, DO, Redox - Related Regulations, General Principles, Hands-on training *E. Isari, A. Kanteraki (HOU) supported by HACH LANGE M*
- 12:30 - 13:30 Tour at the Water House (Patras' City Center)
- 13:30 - 15:30 Light Lunch around Patras' Castle
- 15:30 Departure to Ancient Olympia city
- 17:30 Arrival at Ancient Olympia

Tuesday 19th of July

- 07:00 - 09:00 Breakfast
- 09:00 - 11:00 Tour at the ancient Olympia
- 11:30 - 13:30 Workshop "Water treatment requirements for industrial use" *M. Matouq*
- 13:30 - 16:30 Free time / Visit at Kaiafa and Kaiafas Thermal Springs
- 16:30 - 17:30 Return to Hotel
- 17:30 - 20:30 Workshop "Desalination technologies: current status and future directions" *M. Qutishat*
- 20:30 - 22:00 Dinner at the Hotel

Wednesday 20th of July

- 07:30 - 09:00 Breakfast
- 09:00 - 12:00 Tour at the WWTP of Ancient Olympia
- 12:30 - 14:30 Workshop "Transition towards a circular economy: Valorization of mining and metallurgical wastes in the field of green building materials" *A. Christogerou*
- 14:30 - 20:00 Lunch/ Free time
- 20:00 - 22:00 Dinner at the Hotel

Thursday 21st of July

- 07:30 - 09:00 Breakfast
- 09:00 - 12:00 Tour to Ancient Olympia Museum & Olympic Games Museum
- 12:00 - 18:00 Free time
- 18:00 - 20:00 Workshop "Zero waste strategy in future agriculture" *P. Schröder*
- 20:00 - 22:00 Dinner at the Hotel

Friday 22nd of July

- 07:30 - 09:00 Breakfast
- 10:00 - 12:00 Workshop "The Reuse of urban wastewater in crops irrigation." *I. Kalavrouziotis & P. Kanatas*
- 12:00 - 15:00 Tour at the WWTP of Zaharo
- 15:00 - 17:00 Lunch and tour at Zaharo
- 18:30 - 20:30 Visit at Agritourismo Magna Grecia for foodtaste & folk dance - **Certificate Award Ceremony**

Saturday 23rd of July

- 07:30 - 09:00 Breakfast/ Check-Out
- 9:30 Departure to Aigio
- 12:00 - 14:00 Tour at the WWTP of Aigio *D. Vagenas*
- 14:00 - 16:00 Visit at Isthmos of Corinth
- 17:00 Arrival at the Hotel in Athens
- 17:00 - 20:30 Free afternoon
- 20:30 - 22:30 Dinner

Sunday 24rd of July

- 07:30 - 10:00 Breakfast/ Departure to Airport