CORFU2022

15-18 JUNE

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4th PhD Summer School and Executive Training on Solid Waste Management

13 & 14 June 2022

National Technical University of Athens

GLOBAL WtERT COUNCIL

conference venue for the summer school

4th PhD Summer School and Executive Training on Solid Waste Management, 13 & 14 June 2022

The summer school will include **16 teaching hours** in total on **13th & 14th June 2022**.

On **June 15th, 2022,** the participants will attend the **Poster Session of the "CORFU 2022 9th International Conference on Sustainable Solid Waste Management"** and a final session roundtable with the main topic being the "**State-of-the-art and future directions of Sustainable Solid Waste treatment: the pathway to Circular Economy**".

Individual projects will be given to the participants and the grading of the course will be done on a Pass/Fail basis. All the attendees will be given a certificate of attendance after the completion of the PhD and Executive Training Summer School on Solid Waste Management.

The PhD and Executive Training Summer School final project **should be submitted until July 10th, 2022: 10 hours**

The results will be communicated individually to every attendee by July 20th, 2022.

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Monday 13th June, 2021

All times are in Greek Time

9.15-9.30	Prof. Maria Loizidou, National Technical University of Athens ***Welcome by Prof. Maria Loizidou***
9.30-10.45	Dr. Konstantinos Moustakas, Dr. Dimitris Malamis, National Technical University of Athens *Sustainable Solid Waste Management: the pathway to Circular Economy*
10.45-12.30	Prof. David Bolzonella, University of Verona *Anaerobic processes for organic waste management, bio-energy and bio-based molecules production*
12.30-12.45	Break
12.45-13.45	Prof. Maria Loizidou, National Technical University of Athens *Anaerobic Digestion: a strategic process unit in integrated biorefineries*
13.45-14.15	Lunch Break
14.15-16.00	Prof. Nickolas Themelis, Prof. Thanos Bourtsalas, Columbia University *WASTE-to-ENERGY: Thermal Treatment for waste management*
16.00-16.15	Break
16.15-17.30	Prof. Stergios Vakalis, University of Aegean *Waste-to-energy analysis tools: Decision-making methods, energy modeling and policy tools*

Tuesday 14th June, 2022

All times are in Greek Time

9.00-13.00	Pierantonios Papazoglou, Research & Strategy Manager at the Centre-of-Excellence in Risk & Decision Sciences (CERIDES) of the European University Cyprus *Marie Skłodowska-Curie Actions Postdoctoral Fellowships: Proposal Writing Hints-&-Tip*
13.00-13.30	Lunch Break
13.30-14.15	Dr. Jakub Raček, Technical University Brno, Faculty of Civil Engineering, Institute of Municipal Water Management *Characteristics of Solid Carbonaceous Product/Biochar after Pyrolysis of Biosolids/Biomass (Theory, description of technology of pyrolysis/torrefaction, characteristic of biochar from sewage sludge and food waste etc.*
14.15-15.00	Prof. Petr Hlavínek, Technical University Brno, Faculty of Civil Engineering, Institute of Municipal Water Management *The use of Biochar in Blue-Green Infrastructure (Use of biochar to green roofs, green parking lots, green walls for microclimate of building etc.)*
15.00-15.15	Lunch Break
15.15-17.00	Prof. Rafael Luque, University of Cordova *Waste-to-Wealth: the valorization concept*
17.00-17.30	Prof. Maria Loizidou, Dr. Konstantinos Moustakas, Dr. Dimitris Malamis, National Technical University of Athens ***Closing Remarks***

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Wednesday 15th June, 2021

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Poster session

Final session:

State-of-the-art and future directions of Sustainable Solid Waste treatment: the pathway to Circular Economy

4th PhD Summer School and Executive Training on Solid Waste Management

PhD and Executive Training Summer School final assignment - until July 10th, 2022: 10 hours

The certificate of attendance will be given immediately after the completion of the 4th PhD and Executive Training Summer School on Solid Waste Management. The final assignment should be implemented by 10th of July, 2022 and the results will be communicated individually to every attendee by July 20th, 2022.

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