

Summer School on Wastewater and Biosolids Management (WWSS17)

Monday 17 July

08:45 - 9:15	Welcome and introduction	I. Kalavrouziotis
09:15 - 10:00	Wastewater management	D. Vayenas
10:00 - 11:00	Wastewater reuse in agriculture and related risks	O. Mahjoub
11:00-11:15	Coffee break	
11:15 - 12:00	Wastewater management under climate change: adaptation challenges	G. Cisse
12:00 - 13:00	Water usage in the built environment: Recent innovations and their implications for wastewater treatment	D. Werner
13:00 - 14:00	Considerations for Government Policy in Sustainable Water Reuse Management	S. Koo-Oshima

Tuesday 18 July

09:00 - 10:00	Nutrients removal in Wastewater Treatment Plants	A. Andreadakis
10:00 - 11:00	Biological nitrogen removal: microbiology and energetics	G. Lyberatos
11:00-11:15	Coffee break	
11:15 - 12:00	Phosphorous recovery from wastewater and sewage sludge	H. Steinmetz
12:00 - 13:00	Leachate Management and Treatment	E. Diamantopoulos
13:00 - 14:00	Composting of organic wastes in EU	S. Ponsa

Wednesday 19 July

09:00 - 10:00	Anaerobic Co-Digestion of Municipal Sludge and High-Strength Waste: A Path to Net Bioenergy Production	S. Pavlostathis
10:00 - 11:00	Anaerobic (co)digestion and digestate post-treatment in municipal WWTP	F. Fatone
11:00-11:15	Coffee break	
11:15 - 12:00	Co-Digestion of Organic Waste on Wastewater Treatment Plants and Biogas Plants	J. Wiese
12:00 - 13:00	Decentralised Wastewater Treatment, Toxicity Assessment and Water Reuse	G. Libralato
13:00 - 14:00	Activated Sludge Process and Biosolids Management	F. Ballesteros
14:00 - 15:00	Sludge utilization possibilities	A. Andreadakis
16:00 - 17:00	Application of membrane biological reactor for enhanced nutrient removal	K. Strevett
17:00 - 18:00	Mine water management and treatment	K. Komnitsas
18:00 - 19:00	Soil decontamination in shooting ranges	

Thursday 20 July		
09:00 - 10:00	Advanced oxidation processes for wastewater treatment	D. Mantzavinos
10:00 - 11:00	Tannery wastewater treatment by advanced oxidation processes	G. Lofrano
11:00-11:15	Coffee break	
11:15 - 12:00	Activated Carbon and Biochar for Wastewater Treatment	H. Karapanagioti
12:00 - 13:00	Removal of organic micropollutants from wastewater by applying electrical discharge-based techniques	M. Pflieger
13:00 - 14:00	Occurrence, removal and environmental risk assessment of pharmaceuticals, personal care products and their transformation products in wastewaters	D. Lambropoulou
14:00 - 15:00	Occurrence and Fate of Emerging Organic Micropollutants in Sewage Treatment Plants	A. Stasinakis
16:00 - 17:00	The use of biofilm reactors in the toxicity reduction of wastewater	C. Papadimitriou
17:00 - 18:00	Water re-use in the circular economy within the UN/UNESCO framework: the 2017 UN World Water Development Report, Wastewater: The Untapped Resource"	F. Nardi
18:00 - 19:00	Geospatial mapping and Open data for Water, Wastewater, and Stormwater management"	F. Nardi
Friday 21 July		
09:00 - 10:00	Wastewaters and Public Health	M. Leotsinidis
10:00 - 11:00	Performance of three small-scale wastewater treatment plants in Greece. A challenge for possible re use	P. Kokkinos
11:00-11:15	Coffee break	
11:15 - 12:00	Reuse case studies in Spain	M. Salgot
12:00 - 13:00	Wastewater reuse in Middle East countries: A review of prospects and challenges	M. Batarseh
13:00 - 14:00	Reuse of wastewater. Practices and challenges	F. Pedrero Salcedo
14:00 - 15:00	The safe reuse of the TMWW in agriculture	I. Kalavrouziotis
15:00 - 15:15	Closing Remarks	I. Kalavrouziotis
Saturday 22 July		
09:00 - 11:30	Technical Tour at the WWTP of Aigio	D. Vayenas I. Kalavrouziotis F. Nardi