

NO MICROPLASTICS JUST WAVES



UNIVERSITÀ
POLITECNICA
DELLE MARCHE

20-21 APRIL 2023

MICROPLASTICS IN THE WATER SERVICE

Microplastics in the Water Service

Theoretical- Practical Training course organised in the context of the European project Life Bluelakes
<https://lifebluelakes.eu/>

Second edition	20 – 21 April 2023
Modality	In presence
Language	Practical sessions in German, theoretical sessions with live translation Italian/German
Place	Theoretical sessions: Università Politecnica delle Marche (UNIVPM), Via Breccie Bianche 12, 60131, Ancona-Room 160/3 Engineering Faculty Practical sessions: wastewater treatment plant (Jesi) and UNIVPM Laboratories

Program

20 April	09.00 – 10.45	- Official Welcome
		- Global Nature Fund Presentation
		- Bluelakes Project
		- Microplastics in urban water cycle: Origins – Pathways – Fate - Microplastic determinations: Literature and state of the art, critical aspects and challenges
	10.45 – 11.00	Coffee break
	11.00 – 13.00	- Sampling methodologies
		- Analytical characterization methodologies
	13.00 – 14.00	Light lunch
	14.00 – 16.00	- Risk considerations associated with Microplastics in water and in environment - Examples and case studies
16.00 – 16.20	Coffee break	
16.20 – 18.00	- Results and protocol from Blue Lakes project - Benchmark assesment	
19.30	- Welcome dinner in Giardino Restaurant https://ristorantegiardinoancona.it/	
21 April	9.00-13.00	- Technical visit to wastewater treatment plant/potabilization plant
		- Experimental demonstrations using different sampling methods
		- Sample pre-processing and preparation
	13.00-14.00	Light Lunch
	14.00 – 16.00	- Description of the Lab equipment / instrumentation - Lab activity for sample sorting
	16.00 – 16.20	- Coffee break
16.20 – 18.00	- Lab activity for sample characterization	

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