

FIRST ANNOUNCEMENT

JULY 09 – 13, 2018

VILLEURBANNE, FRANCE

**LEADING EDGE SUMMER COURSE
SECOND EDITION**

**MANAGEMENT OF
MICROPOLLUTANTS
IN THE URBAN WATER CYCLE**

ORGANIZED BY:



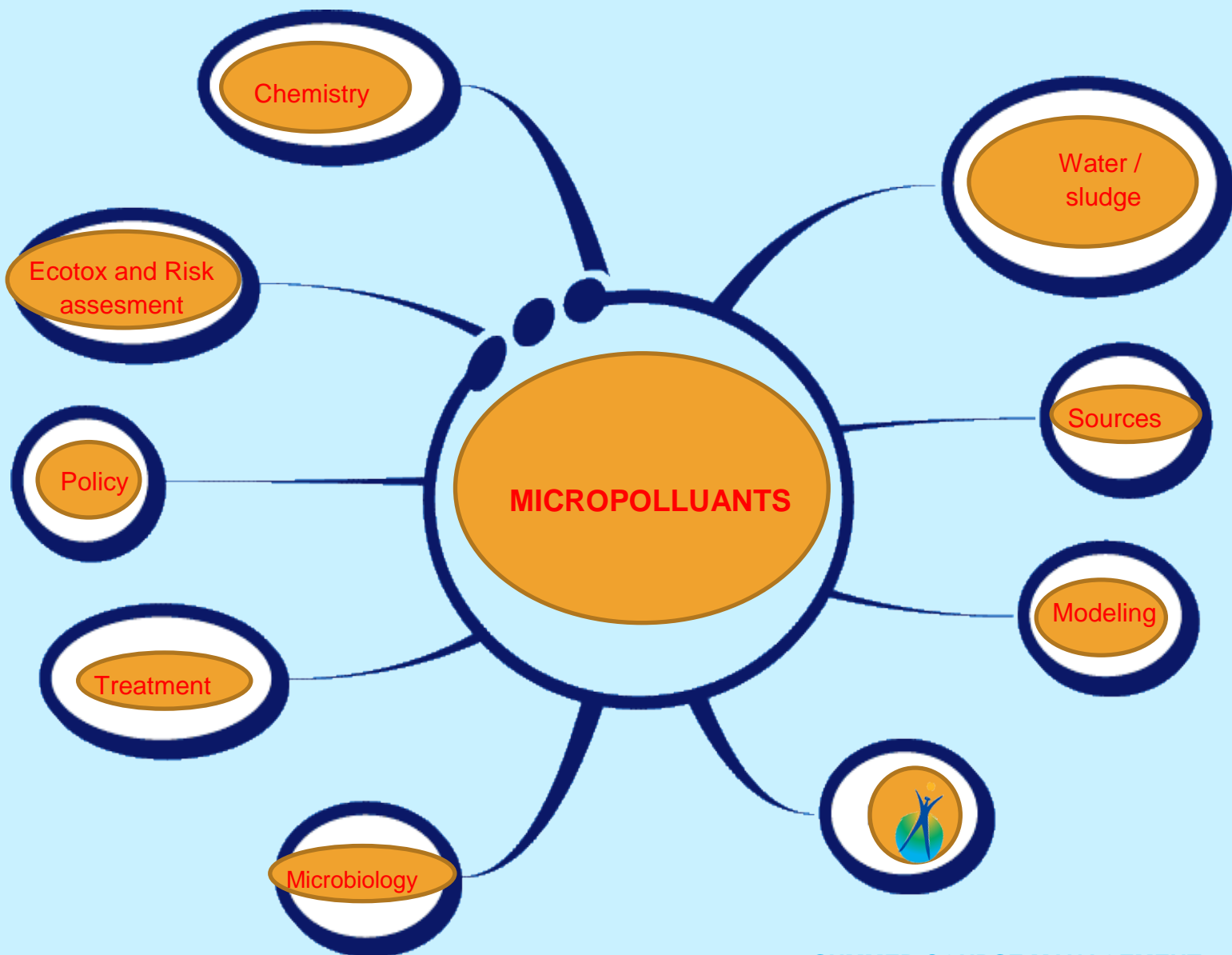
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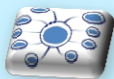
DESCRIPTION AND GOALS OF THE COURSE



This short, intensive and highly specialized course is focused on priority and emerging micropollutants in wastewater (including sludge) and wastes systems (including biowastes, green wastes, manures...). Aspects related to policies, sources, occurrence and fate in water and wastes, treatment technologies (process, microbiology) and ecotoxicological impact of micropollutants will be tackled. Students will be able to (i) identify the bottlenecks in the micropollutant management and where future researches are needed and (ii) propose emerging technological solutions knowing advantage/disadvantage and select the best option according to their own context.



SUMMER COURSE MANAGEMENT
OF MICROPOLLUTANTS IN THE
URBAN WATER CYCLE



DETAILED ACTIVITIES



Types of activities during the course include:

- Lectures given by senior researchers and guests speakers
- Group exercises
- Presentation of the participants research topics and discussion with senior researchers
- Lab-visit and technical visit to WWTP
- Social event

Provisional schedule:

July 2018	Monday, 9 th	Tuesday, 10 th	Wednesday, 11 th	Thursday, 12 th	Friday, 13 th
08h30 10h00	Welcome & round table	Behaviour of chemicals	<i>biotransformation processes and products</i>	Toxicity	Sources
	<i>Break</i>	<i>Break</i>	<i>break</i>	<i>Break</i>	<i>Break</i>
10h30 12h00	Polishing Treatment (water)	Behaviour of chemicals (exercise)	<i>biotransformation processes and products</i>	<i>Exercises (group)</i>	Summary, course evaluation and closure
	lunch break	lunch break	lunch break	lunch break	
13h30 15h00	<i>Sludge/soil</i>	<i>Policies</i>	<i>Exercises (group)</i>	Flash presentations by / participants	
	<i>Break</i>	<i>break</i>	<i>break</i>	<i>break</i>	
16h00 17h30	Flash presentations by / participants	Flash presentations by / participants	Toxicity	Technical visit	
19h00	-	<i>Town visit</i>	<i>Farewell diner</i>	-	

The course will be in English. It is oriented to PhD students who wants achieve a higher degree of specialization in this field, but also to other students or professionals specifically interested in these topics and with a limited amount of time.

Speakers (tbc): Florence Metz (CH), Marta Carballa (SP), Ingrid Bazin and Maxime Pomiès, Dominique Patureau and Jean-Marc Choubert (FR)

Maximum number of participants: 20

Total hours: 28 (theoretical and practicum). This will be confirmed by a certificate of participation, but it will not have ECTS equivalentents.



APPLICATION FOR REGISTRATION

There is NO registration fee for the course.

The applicants should send to the organizers (emails below):

- A cover letter with a statement of interest of up to 1-page
- A CV including a list of publications
- 1-page description of your research topic

Selection will be carried out by organizers according to the CV, the letter of interest, the research topic, and gender / country balances.



SOCIAL PROGRAMME

- Guided tour through the historical part of Lyon/ Tuesday, 10th July 2018, 7:00pm-8:00pm
- Farewell dinner: Wednesday, 11th July 2018, 7:00pm
- Technical tour: Thursday, 12th July 2018, 3:00pm-5:00pm



VENUE AND LODGING



The organizing strongly suggests booking accommodation as soon as possible.

A list of hotels is indicated on this link: <http://www.irstea.fr/en/practical-informations>.

Public transport: <http://www.tcl.fr/en>



PRACTICAL INFORMATION

Venue: Irstea, 5 rue de la doua, 69100 VILLEURBANNE, France

<http://www.irstea.fr/en/practical-informations>

Weather: <http://www.weatheravenue.com/en/europe/fr/rhone-alpes/lyon-weather.html>

Tourist office: <http://www.en.lyon-france.com/>

<http://en.auvergnerhonealpes-tourisme.com/>



IMPORTANT DATES

- 1st April: Final announcement / Opening application for participation
- 15th May 2018: Submission of applications (closure) - details in section “application for registration”
- 1st June 2018: Selection and announcement of participants



ORGANIZERS CONTACTS

Jean-Marc CHOUBERT and Dominique PATUREAU

[jean-marc.choubert \(at\) irstea.fr](mailto:jean-marc.choubert@irstea.fr) and [dominique.patureau \(at\) inra.fr](mailto:dominique.patureau@inra.fr)

