

30th November – 1st December 2017

INSA Lyon, France

Final programme

Colombian - French Conference on Urban Water Systems

An event of the Colombia France Year 2017
organised by Laboratory DEEP , INSA Lyon
in collaboration with Pontificia Universidad Javeriana, Bogota

website : <https://frenchcolconf.sciencesconf.org/>



Conference programme

Day 1 : November 30, 2017 INSA Lyon, Building Humanités, Room Amphi Ouest	
8:30-9:00	Registration
9:00-9:20	Opening session Eric Maurincomme (director INSA, Lyon, France), Jean-Luc Bertrand-Krajewski (conference organiser)
9:20-9:40	Flood risk management in urban areas by using SUDS and a Reactive Early Warning System: Case study in Barranquilla, Colombia Humberto Avila, Universidad del Norte, Barranquilla, Colombia
9:40-10:00	Urban flash flood warning system using a rainfall-runoff model integrated to a smart wireless sensor network Néstor Mancipe, Universidad de la Salle, Bogota, Colombia
10:00-10:20	Urban flooding Nicolas Rivière, INSA Lyon, France
10:20-10:40	Coffee break
10:40-11:00	OTHU: organisation and main results Sylvie Barraud, INSA Lyon, France
11:00-11:20	Plug and pray in urban drainage monitoring François Clemens, TU Delft, Netherlands
11:20-11:40	SUDS monitoring - Micromegas Robin Garnier, INSA Lyon, France
11:40-12:00	Infiltration of urban stormwater runoffs: consequences on groundwater ecosystems Florian Mermillod-Blondin, Univ. Lyon 1, France
12:00-1:40	Lunch
1:40-2:00	Endocrine disruptor chemicals in the urban water cycle of Bogotá, Colombia Diego Fernando Bedoya Rios, Pontificia Universidad Javeriana, Bogota, Colombia
2:00-2:20	Source reduction of personal care products in the urban water cycle of Paris conurbation: the Cosmet'eau project Régis Moilleron, Adèle Bressy, Univ. Paris-Est, France
2:20-2:40	Robust discrimination of resistome and microbiome signatures in hospital and urban effluents Elena Buelow, Univ. Limoges, France
2:40-3:00	Urine separation in Greater Paris Jean-Pierre Tabuchi, SIAAP, Paris, France
3:00-3:20	Towards Sustainable Urban Drainage Systems Planning - Experiences from Bogotá, Colombia Juan Pablo Rodríguez, Universidad de los Andes, Bogota, Colombia (by video)
3:20-3:40	Visit of Lyon Metropole Drinking Water Supervision Centre (Eau du Grand Lyon, Lyon Metropole)
3:40-4:00	
4:00-4:20	
4:20-4:40	
4:40-5:00	

Conference programme

Day 2 : December 1, 2017	
INSA Lyon, Building Humanités - Rotonde, Room Salle René Char	
8:30-9:00	Registration
9:00-9:20	Innovative green roofs monitoring and modelling Rémy Bournique, Jean-Luc Bertrand-Krajewski, INSA Lyon, France, Jean-Christophe Grimard, Le Prieuré, France
9:20-9:40	Operation and Maintenance of SUDS in Lyon, France Nina Cossais, Grand Lyon Metropole, France
9:40-10:00	Research results on Stormwater Harvesting at Pontificia Universidad Javeriana Andres Torres, Pontificia Universidad Javeriana, Bogota, Colombia
10:00-10:20	Crisis management in Saint Martin after the hurricane Irma David Poinard, Veolia, France
10:20-10:40	Coffee break
10:40-11:00	CFD modelling of sewer complex structures Adrien Momplot, Aegir, France
11:00-11:20	Vertical-flow constructed wetland to treat raw wastewater : the French system Mathieu Gautier, INSA Lyon, France
11:20-11:40	Assessing the potentiality of rainwater harvesting systems in Bogotá, Colombia Edgar Villarreal, Universidad Nacional, Bogota, Colombia
11:40-12:00	Lyon, a permeable city Elisabeth Sibeud, Grand Lyon Metropole, France
12:00-1:40	Lunch
1:40-2:00	Sediment transport within laboratory lateral weir - Coupling between numerical and experimental approaches Alejandro Claro Barreto, Gislain Lipeme Kouyi, Nicolas Rivière, Loïc Teyssier, INSA de Lyon and Valence Romans Agglo, France
2:00-2:20	Monitoring CSO volumes and their quality with the DSM-flux Ainhua Mate-Marin, INSA Lyon, France
2:20-2:40	Revisiting conceptual stormwater quality models by reconstructing virtual state variables: a Bayesian approach Santiago Sandoval, Jean-Luc Bertrand-Krajewski, INSA Lyon, France
2:40-3:00	Visits of OTHU monitoring sites and Lyon Metropole stormwater management sites
3:00-3:20	
3:20-3:40	
3:40-4:00	
4:00-4:20	
4:20-4:40	
4:40-5:00	

Registration

All participants should register on the conference website:

<https://frenchcolconf.sciencesconf.org/registration>

Fees

Participation, including coffee breaks and lunches, is free for all participants, but approved registration is required to attend the conference.

Language

Conference language is English.

Venue

The conference will be held at INSA Lyon, Villeurbanne, France.

A plan to access the conference building is available on the conference website.

The most convenient way to reach INSA Lyon is public transport, tramway lines T1 or T4.

The path from tramway station Gaston Berger to conference will be shown with signs.

Proceedings

After the conference, PDF files of the oral presentations will be available for the participants.

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