

Time	Title	Session Speakers	Description	Location
9:00	<i>Development of a portable genomic laboratory for water metagenomic analysis.</i>	<b>Dr. Stefano Maria Marino</b>   Personal Genomics and <b>Prof. Massimo Delledonne</b>   University of Verona	Session 1: Smart Freshwater Monitoring  Chair: Dr Roza Allabashi	Ground Floor Lecture Theatre LDN. 0.01
	<i>The Development of the DSS application for water quality investigative monitoring</i>	<b>Prof. Alessandro Tittone</b>   Technital SpA	Session 1a: Cloud Data & Visualization  Chair: Prof Alessandro Farinelli	Level 1 Lecture Theatre LDN.1.04
9:20	<i>Molecular insights into dissolved organic fluorescence in south eastern China</i>	<b>Dr Cheng Cheng</b>   Research Institute for Environmental Innovation, China	Session 1: Smart Freshwater Monitoring  Chair: Dr Roza Allabashi	Ground Floor Lecture Theatre LDN. 0.01
	<i>Cloud-based data streaming from mobile sensors for water quality monitoring</i>	<b>Prof. Alessandro Farinelli</b>   Università degli Studi di Verona	Session 1a: Cloud Data & Visualization  Chair: Prof Alessandro Farinelli	Level 1 Lecture Theatre LDN.1.04

Time	Title	Session Speakers	Description	Location
9:40	<i>Early event detection and prediction tools for surface drinking water catchment protection</i>	<b>Albert Serra-Compte</b>   CETAQUA Water Technology Centre	Session 1: Smart Freshwater Monitoring  Chair: Dr Roza Allabashi	Ground Floor Lecture Theatre LDN. 0.01
	<i>Going large in Greece</i>	<b>Adam Whalley</b>   The Environment Agency	Session 1a: Cloud Data & Visualization  Chair: Prof Alessandro Farinelli	Level 1 Lecture Theatre LDN.1.04
10:00	<i>Estimation of pollutant sources reduction effect on water quality in Hapcheon Dam Watershed Using HSPF Model Simulation</i>	<b>Prof. Sang Min Kim</b>   Department of Agricultural Engineering	Session 1: Smart Freshwater Monitoring  Chair: Dr Roza Allabashi	Ground Floor Lecture Theatre LDN. 0.01
	<i>Multi-parameter river monitoring with unmanned boats: towards an integrated, holistic understanding of our river systems</i>	<b>Nick Everard</b>   The Environment Agency	Session 1a: Cloud Data & Visualization  Chair: Prof Alessandro Farinelli	Level 1 Lecture Theatre LDN.1.04

Time	Title	Session Speakers	Description	Location
10:20	<i>Networking with refreshments</i>			Ground Floor
11:00	<i>Treatment strategies for combined sewer overflows in multifunctional reactors</i>	<b>Tiziana Venditto</b>   University of Western Ontario	Session 2: Stormwater/ Runoff Treatment  Chair: Prof Francesco Fatone	Level 1 Lecture Theatre LDN.0.01
	<i>Integrated Approach for Innovative Monitoring Strategies of Reservoirs &amp; Lakes</i>	<b>Dr Wiebke Warner</b>   University of Goettingen	Session 2a: Innovative Freshwater Monitoring Strategies  Chair: Dr Geoff Brighty	Ground Floor Lecture Theatre LDN.1.04
11:20	<i>Sewer management &amp; INTCATCH new tools for one of the most sensitive &amp; touristic area of Europe: Lake Garda</i>	<b>Alberto Cordioli</b>   Azienda Gardesana Servizi S.p.A	Session 2: Stormwater/ Runoff Treatment  Chair: Prof Francesco Fatone	Level 1 Lecture Theatre LDN.0.01
	<i>The water quality of Greek catchments. Robotic boats as an ultimate solution of lakes &amp; rivers environmental protection</i>	<b>Dr Stelios Samios</b>   Athens Water Supply and Sewerage Company S.A. (E.Y.P.A.P.)	Session 2a: Innovative Freshwater Monitoring Strategies  Chair: Dr Geoff Brighty	Ground Floor Lecture Theatre LDN.1.04

Time	Title	Session Speakers	Description	Location
11:40	<i>A review on Combined Sewer Overflows (CSOs) treatments: existing technologies, challenges &amp; possible future studies</i>	<b>Alice Botturi</b>   University of Verona	Session 2: Stormwater/ Runoff Treatment  Chair: Prof Francesco Fatone	Level 1 Lecture Theatre LDN.0.01
	<i>Smart genomic technology to prompt identification of pollution sources in aquatic ecosystem when extreme weather events happen</i>	<b>Dr. Stefania Marcheggiani</b>   Department Environment and Health	Session 2a: Innovative Freshwater Monitoring Strategies  Chair: Dr Geoff Brighty	Ground Floor Lecture Theatre LDN.1.04
12:00	<i>Advanced compact treatment of combined sewer overflows (CSOs) for removing physical &amp; chemical pollutants: case study of Lake Garda in northern Italy</i>	<b>Dr Saba Daneshgar</b>   University of Verona	Session 2: Stormwater/ Runoff Treatment  Chair: Prof Francesco Fatone	Level 1 Lecture Theatre LDN.0.01
	<i>A new approach to gathering &amp; using environmental information in the Environment Agency</i>	<b>Richard Walmsely</b>   The Environment Agency	Session 2a: Innovative Freshwater Monitoring Strategies  Chair: Dr Geoff Brighty	Ground Floor Lecture Theatre LDN.1.04



Time	Title	Session Speakers	Description	Location
12:20	<i>Evaluation of the Impact of Residential Urban Patterns on Stormwater Management in Federal District, Brazil</i>	<b>Letícia Karine Sanches Brito</b>   University of Brasília	Session 2: Stormwater/ Runoff Treatment  Chair: Prof Francesco Fatone	Level 1 Lecture Theatre LDN.0.01
	<i>SmartRivers: Leveraging the Internet of Things to assess the effectiveness of Natural Flood Management</i>	<b>Dr Arnout van Soesbergen</b>   King's College London	Session 2a: Innovative Freshwater Monitoring Strategies  Chair: Dr Geoff Brighty	Ground Floor Lecture Theatre LDN.1.04
12:40	<i>Lunch</i>		There will also be an opportunity to visit the River Lea for a demonstration activity of water monitoring.	Ground Floor
14:00	<i>Engaging citizens on water sustainability actions using Digital Social Platforms</i>	<b>Dr Janet Riley</b>   De Montfort University Leicester	Session 3: Citizen Science in Water Management  Chair: Paul Leonard / Dr Nathalie Gilbert	Level 1 Lecture Theatre LDN.0.01
	<i>Development &amp; implementation of an Innovative Water Quality Monitoring Strategy for Lake Yliki, Greece</i>	<b>Prof. Daniel Mamais</b>   National Technical University of Athens	Session 3a: Case studies in Water Monitoring  Chair: Dr Lorenzo Proia	Ground Floor Lecture Theatre LDN.1.04

Time	Title	Session Speakers	Description	Location
14:20	<i>The use of Citizen Scientists to add value &amp; engagement to environmental monitoring data managed by regulators, industry &amp; policy makers</i>	<b>Prof. Paul Leonard</b>   Brunel University London	Session 3: Citizen Science in Water Management  Chair: Paul Leonard / Nathalie Gilbert	Level 1 Lecture Theatre LDN.0.01
	<i>Influence of water flow &amp; light availability on intracellular biofilm geosmin formation</i>	<b>Carmen Espinosa</b>   BETA Technological Centre - UVic	Session 3a: Case studies in Water Monitoring  Chair: Lorenzo Proia	Ground Floor Lecture Theatre LDN.1.04
14:40	<i>Case study for the river Lark</i>	<b>Dr Geoff Brighty</b>   ESAL	Session 3: Citizen Science in Water Management  Chair: Paul Leonard / Nathalie Gilbert	Level 1 Lecture Theatre LDN.0.01
	<i>Analysis of Groundwater Level Change Using Groundwater Monitoring Network in Miryang, South Korea</i>	<b>Mi- Kyung Baek</b>   Korea Rural Community Corporation	Session 3a: Case studies in Water Monitoring  Chair: Lorenzo Proia	Ground Floor Lecture Theatre LDN.1.04

# Smarter Catchment Monitoring, Cleaner Waters

Here East, Loughborough University, London

Thursday 5<sup>th</sup> September



Time	Title	Session Speakers	Description	Location
15:00	<i>Community Based Modelling</i>	<b>John Bryden</b>   Thames21	Session 3: Citizen Science in Water Management  Chair: Paul Leonard and Nathalie Gilbert	Level 1 Lecture Theatre LDN.0.01
	<i>Preliminary study to assess microplastics' retention by a decentralized wastewater treatment unit in Greece</i>	<b>Dr Eythymios Lytras</b>   ETDAP S.A.	Session 3a: Case studies in Water Monitoring  Chair: Lorenzo Proia	Ground Floor Lecture Theatre LDN.1.04
15:20	Networking with refreshments			Ground Floor
16:00	<i>Scaling it up – Chemical monitoring at the European Level</i>	<b>Dr Caroline Whalley</b>   European Environment Agency	Plenary session on Water Quality	Level 1 Lecture Theatre LDN.0.01
	<i>Innovative Monitoring Approaches: Future Perspectives in the Context of the Water Framework Directive</i>	<b>Dr Mario Carere</b>   WFD CIS		
18:30	<i>INTCATCH Gala Dinner aboard the Dixie Queen</i>			Butler's Wharf, SE1 2YE