

Sujet : [Waterun-news] The first WATERUN project news summary
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Welcome to WATERUN Newsletter

An annual summary of all the news revolving around the WATERUN project.



Editorial

We are pleased to present this first newsletter, designed to inform a broad audience about our work. This initiative, funded by Horizon Europe programme from the European Union, aims to develop an innovative methodology to prevent and mitigate diffuse pollution from urban runoff.

It's a topical issue, given the European Commission's proposal to recast the Urban Wastewater Directive. The proposal issued by the EC aims to address certain shortcomings and new societal needs, such as residual sources of pollution (namely, stormwater overflows or urban runoff).

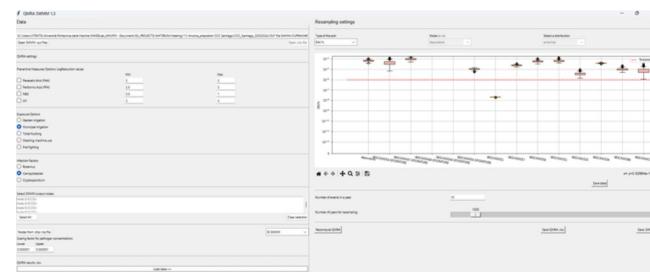
There is also a gap of knowledge in the sources and distribution pathways of diffuse pollution in urban areas. In response, WATERUN is developing portable sensors for polycyclic aromatic hydrocarbons and microplastics for the quick measurement of these pollutants in urban catchments. Additionally, WATERUN evaluate the use of nature-based solutions to prevent and mitigate the effects of diffuse pollution and provide a tool to decide where to use this kind of infrastructures in the cities. Risk assessment for safe reuse of treated urban runoff is another pillar of the project.

The project is carrying out on-the-ground studies in three cities with very different climates: Aarhus in Denmark, Santiago de Compostela in Spain and Amman in Jordan. The three cities are also at different stages of action, with Aarhus as the frontrunner and Santiago de Compostela still gearing up, while Amman is improving its capacities in a very dry climate. The WATERUN researchers intend to produce guidelines for city authorities on how to tackle best diffuse pollution in urban area, by leveraging insights from these three case studies.



Latest news

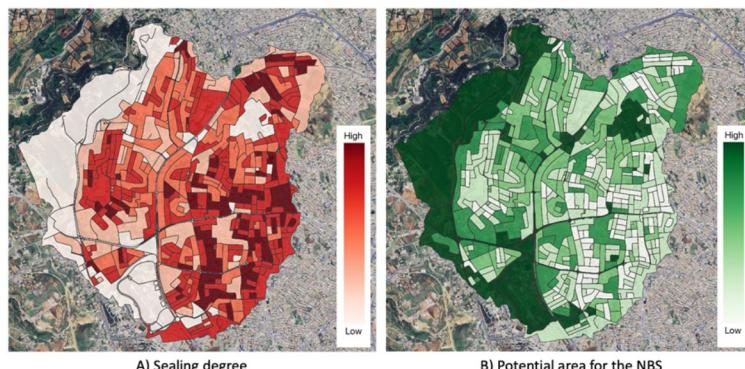
News article on DSS from the Polytechnic University of Marche (UNIVPM)



Università Politecnica delle Marche leads Work Package 5 of WATERUN, focusing on innovative methodology for stormwater management based on a risk assessment. They're developing a game-changing decision support system based on advanced risk assessment techniques. Recent achievements include submitting Deliverable 5.1, testing their QMRA calculation tool in an Italian case study, and enhancing its usability with graphical improvements.

[View the article](#)

WATERUN activities in Amman case study



This article is a joint update from Helmholtz Centre for Environmental Research (UFZ) and The University of Jordan on Amman case study. The collaboration between the University of Jordan and the Helmholtz Centre for Environmental Research in Amman is yielding promising results:

- UJ generates useful data through intensive monitoring campaigns in three key catchments: City Mall, Jordan University, and Jordan Str. 2.
- UFZ's work on urban hydrology modelling, focusing on block-scale stormwater management, provides information needed for hydrological modelling and planning of the NBS.

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Events



First project review

On February 21, 2024, all project partners gathered, along with Salvatore Martire the Project Advisor at European Research Executive Agency (REA) and two distinguished experts joining remotely. During this collaborative session, each Work Package leader took the stage to present a comprehensive overview of the project's achievements over the past 18 months.

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2nd meeting of the Santiago co-creation Committee

Following the 4th consortium meeting, seecon gmbh organized the second meeting of the Santiago de Compostella Co-creation Committee. Local stakeholders were encouraged to share their thoughts and concerns regarding the various requirements, functionalities, and capabilities of the OER4 Risk-based DSS for UWR management, developed by the Università Politecnica delle Marche.



International Women's days

OiEau, as the leader of "Exploitation, Dissemination and Communication" work package, took the opportunity of the International Women's Day 2024 and of the first project review to interview female scientists involved in the project. The specific objectives were to highlight the challenges faced by women in our projects, including WATERUN and its sister project D4RUNOFF.

=> 5th Consortium meeting in Aarhus

Thursday 12 and Friday 13 June 2024 all partners will meet in Aarhus for the fifth consortium meeting. These 2 days of workshop, will be organized by the coordinator of the project AIMEN and hosted by our partners Aarhus Vand and Aarhus University.



Digital resources



Check our media center

Five short video interviews of the project coordinator, 3 product leaders and Aarhus stakeholders are available online.
1 leaflet in English and Spanish and a poster are also online.

[Access Media center](#)

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