TRIESTE (2025) INTERNATIONAL CONFERENCE

CSDU DAYS25 CSSI

II international Conference on ChallengesandPerspectivesin Urban Water Management Systems

17 18 19 20

When?
November 17-20, 2025

Where?
Universitàdegli Studidi Trieste
Building A

Short paper submission deadline
30 September

Registration deadline
30 October

Return

X Giornate di Studio sul Drenaggio Urbano Sostenibile

XVIII Short Course on Water Management in Resilient Cities

URBAN WATER PROCESSES

Sub-session 1.1
Hydrological Dynamics & Climate Change in Urban Environments

Sub-session 1.2Based Solutions
Water Quality & Environmental Impact of Water Infrastructures

URBAN WATER MANAGEMENT

Sub-session 2.1
Sustainable Water Infrastructures & Nature-

Sub-session 2.2
Integrated Urban Water Systems & Water Governance

SUNRISE PROJECT Final event

Return

Website for all informations

II international Conference on Challenges and Perspectives in Urban Water Management Systems

UNIVERSITÀ DEGLI STUDI DI TRIESTE · Dipartimento di Ingegneria e Architettura · UNIVERSITÀ DELLA CALABRIA DIPARTIMENTO DI INGEGNERIA CIVILE DINCI · centro studi DRAULICA urbana · CSSI

TRIESTE (2025) INTERNATIONAL CONFERENCE

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PROGRAMME 18 NOVEMBER

Building A - Aula magna

Session 1: Urban Water Processes

Sub-session 1.1 — Hydrological Dynamics & Climate Change in Urban Environments

8.00 Registration

8.45 Institutional greetings

9.15 Conveners intro

- Maurizio Righetti - Libera Università di Bolzano
- Sara Todeschini - Università degli studi di Pavia
- Michele Turco - Università della Calabria

9.30-9.45 **The influence of the outer geometry on the wind-induced bias of catching-type rain gauges**
Luca Giovanni Lanza

9.45-10.15
Urban Pluvial Flooding Assessment with a Subgrid Approach for the Secondary Drainage Network
Development of an innovative approach for modelling urban surface flow during stormwater events
Alberto Campisano, Aurora Gullotta

10.15-10.30 **Application of an event-based approach to assess bivariate rainfall models in two Italian climates**
Giovanna Grossi

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18 NOVEMBER
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10.30-10.45 **Evaluating the wind-induced bias for three widely adopted non-catching precipitation instruments**
Luca Giovanni Lanza

10.45-11.15 **Evaluating Objective Functions for SWMM Calibration in Urban Catchments**
Sara Todeschini

11.15-11.30 Coffee break

11.30-12.00 **The effect of green roofs on the pressurization of stormwater collection networks**
Corrado Gisonni

12.00-13.00 **A new device for flow rate measurement and energy harvesting**
Tullio Tucciarelli

13.00-14.00 Lunch break

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PROGRAMME 18 NOVEMBER

Building A - Aula magna

Sub-session 1.2 — Water Quality & Environmental Impact of Water Infrastructures

14.00 Conveners intro

- Stefano Malavasi - Politecnico di Milano
- Marco Maglionico - Alma Mater Studiorum Università di Bologna

14.15-14.30 **The ENVISION Project: Integrating Nature-Based Solutions in Urban areas for Lake Pollution Mitigation**
Umberto Sanfilippo, Gianfranco Becciu

14.30-14.45 **Pragmatic modelling of large-scale urban pluvial flooding**
Renata Della Morte

14.45-15.15 **Population dynamic exposure to pluvial hazard**
Francesco Napolitano

15.15-15.30 **Making urban areas more permeable: the effect of the reduction of impermeable areas on drainage systems and the risk of plu-vial flooding**
Giuseppe Tito Aronica

15.30-16.00 **Integrating permeable pavements into sustainable urban mobility planning**
Marco Maglionico

16.00-16.15 Coffee break

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PROGRAMME 18 NOVEMBER

Building A - Aula magna

16.15-18.00 **Monitoring and maintenance of permeable pavements: a pathway to enhanced long-term performance**
Giovanna Grossi

GUIDED TOUR IN CITY HISTORIC CENTER
18.45 - 19.45

SOCIAL DINNER
20.30
“Antico Ristorante Tommaseo”

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