



## 1st JCUD / IWGDM webinar Developments in urban drainage modelling

JCUD is launching a new webinar series together with the working groups. The idea is to enable discussions about research between conferences and workshops and to increase the visibility of publications related to urban drainage.

**Date:** 7<sup>th</sup> June 2021 09:00 am – 10.30 am Central European Summer Time (Vienna, Amsterdam, Berlin)

**Program:**

Chair: Manfred Kleidorfer, University Innsbruck (Austria)

**1.) Luca Vezzano/ Peter Stentoft: Integrated model predictive control of water resource recovery facilities and sewer systems in a smart grid: example of full-scale implementation in Kolding**

Paper: P. A. Stentoft, L. Vezzano, P. S. Mikkelsen, M. Grum, T. Munk-Nielsen, P. Tychsen, H. Madsen, R. Halvgaard; Integrated model predictive control of water resource recovery facilities and sewer systems in a smart grid: example of full-scale implementation in Kolding. *Water Sci Technol* 15 April 2020; 81 (8): 1766–1777. doi: <https://doi.org/10.2166/wst.2020.266>

**2.) Olivia Bailey: Predicting impacts of water conservation with a stochastic sewer model**

Paper: O. Bailey, T. C. Arnot, E. J. M. Blokker, Z. Kapelan, J. A. M. H. Hofman; Predicting impacts of water conservation with a stochastic sewer model. *Water Sci Technol* 1 December 2019; 80 (11): 2148–2157. doi: <https://doi.org/10.2166/wst.2020.031>

**3.) Ico Broekhuizen: Performance comparison of green roof hydrological models for full-scale field sites**

Paper: Broekhuizen, I., Sandoval, S., Gao, H., Mendez-Rios, F., Leonhardt, G., Bertrand-Krajewski, J.L., Viklander, M. Performance comparison of green roof hydrological models for full-scale field sites. Submitted to *Journal of Hydrology X*. In: <http://tu.diva-portal.org/smash/record.jsf?pid=diva2%3A1527745&dswid=5558>

Access the webinar in Zoom: <https://zoom.us/j/91841929548?pwd=eUNOdmJlMzd6R1dSRjNHZWtSK2tjQT09>

Meeting ID: 918 4192 9548

Passcode: 119903

Dial by your location, Find your local number: <https://zoom.us/u/abg7MskdsG>

Hosted by: IWA/IAHR Joint Committee on Urban Drainage / International Working group on data and models (<http://www.jcud.org/>, <https://sites.google.com/view/iwgdm/>)

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