

**Air pocket dynamics under bridging of stratified flow during rapid filling of a horizontal pipe**

Kaur, Katrin; Laanearu, Janek; Annus, Ivar Journal of hydraulic engineering 2023 / art. 04022030, 11 p. : ill

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**An assessment framework for evaluating the digitalisation potential of stormwater management and monitoring in small- and medium-sized water utilities**

Suits, Kristjan; Annus, Ivar; Kändler, Nils; Kaur, Katrin; Kõiv, Kerta; Arm, Liisi; Barndöck, Helen Urban Water Journal 2025

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**Automatic calibration module for an urban drainage system model**

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**Automatic calibration toolbox for SWMM5**

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**ChangeMakers – promoting engineering through developing the soft skills of youngsters**

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**Determination of the corresponding roughness height in a WDS model containing old rough pipes**

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**Developing a framework for smart stormwater management in Tallinn, Estonia**

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**Dynamic processes of air-water flows in urban water systems = Õhu ja vee koosvoolamise dünaamilised protsessid linna veesüsteemides**

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**Geoanalytical method for linking base wastewater flows with a sanitary sewer model**

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**Integrated decision support system for pluvial flood-resilient spatial planning in urban areas**

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## Interfacial mixing of the stratified flow in the trapezoidal-shape channel with presence of background vorticity

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## Numerical modelling of the bottom gravity current in an obstructed channel with trapezoidal cross-section

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## Pipeline rehabilitation combined strategy for urban water systems

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**The dynamics of bi-directional exchange flows**

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