

# CAPWAT in het nieuws

## Publicaties vakbladen

[CAPWAT onderzoeksproject afgesloten met uitreiking handboek](#) (Riolering augustus 2010, 2010:44-45)  
[Rioolgemaal indirect verantwoordelijk voor extra capaciteitsverlies](#) (Riolering april 2010, 2010:44)  
[Waterleidingen doet niet aan droge stof](#) (Riolering februari 2010, 2010:44-45)  
[Stand van zaken rond gasophoppingen in afvalwaterpersleidingen](#) (H<sub>2</sub>O nr 21 (Oktober 2009), 2009:20-22)  
[Gasbellen vermijden bij horizontaal gestuurde boringen](#) (Land&Water nr 3, 2008:32-33)  
[Gasbellen in persleidingen brengen capaciteit in gevaar](#) (Land&Water nr 1, 2008:40-41)  
[Onderzoek legt gedrag gasbellen in leidingen bloot](#) (Land&Water nr 12, 2007:40-41 )  
[Luchtinslag door plonzende stralen](#) (Rioleringwetenschap 26:54-67)  
[CAPWAT - innovatief onderzoek naar capaciteitsverliezen in afvalwaterpersleidingen](#) (H2O nr 20, 2005:34-36)  
[Landelijk onderzoek capaciteitsverliezen in afvalwaterpersleidingen](#) (H2O nr 10, 2003:4-5)  
[P. Kamma & F. van Zijl - De Weerstand in Persleidingen voor Afvalwater tijdens de gebruiksfase](#) (Rioleringwetenschap 5:45-64)

## Conferentie- en Journal papers

### CAPWAT II

[I.W.M. Pothof - Co-current air-water flow in downward sloping pipes: Transport of capacity reducing gas pockets in wastewater mains](#) (PhD Thesis)  
[Pothof - Experimental study of air-water flow in downward sloping pipes](#) (International Journal of Multiphase Flow)  
[Pothof - On elongated gas pockets in downward sloping pipelines](#) (Journal of Hydraulic Research, Volume 48, Issue 4 August 2010 , p499 - 503 )  
[Pothof - On gas transport in downward slopes of sewerage mains](#) (Losstaand Artikel)  
[Pothof - On the modeling of gas diffusion by turbulence in hydraulic jumps](#) (33rd IAHR Congress, Vancouver (2009))  
[Schuit - Gas transport in pressurize sewerage mains: Results of industrial scale test rig experiments](#) (33rd IAHR Congress, Vancouver (2009))  
[Pothof - On gas transport in downward slopes of sewerage mains](#) (11th International Conference on Urban Drainage, Edinburgh, Scotland, UK, 2008)  
[Pothof - Detection of gas pockets in dedritic wastewater mains](#) (10th International Conference on Pressure Surges (2008))

### CAPWAT I

[Lubbers - Scale effects on gas transport by hydraulic jumps in inclined pipes; comparison based on head loss and breakdown rate](#) (6th International Conference on Multiphase Flow, Leipzig (2007))  
[Lubbers - Gas pockets and hydraulic jumps in pressurised pipelines](#) (Proc. 7th International Conference on Urban Drainage Modelling and the 4th International Conference on Water Sensitive Urban Design, Melbourne (2006))  
[Lubbers - On detecting gas pockets in pressurised wastewater mains](#) (Proc. 10th International Conference on Urban Drainage, Copenhagen (2005))  
[Lubbers - Capacity reduction caused by air intake at wastewater pumping stations](#) (Proc. 3rd International Conference on Water and Wastewater Pumping Stations, Cranfield (2005))  
[Lubbers - Break down of air pockets in downwardly inclined sewerage pressure mains](#) (IWA journal Water Science and Technology 54 (11-12):233-240)  
[Lubbers - Detection of gas pockets in pressurised wastewater mains using dynamic system response analysis](#) (IWA journal Water Science and Technology 55 (4):31-38)  
[Lubbers - Air and gas pockets in sewerage pressure mains](#) (IWA journal Water Science and Technology 52 (3):37-44)

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