

Publications

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INTEGRAL

INFRA

Articles >>

- O'Mahoney, T.S.D., Oldenziel, G., van der Ven, P., The effect of bubble size on lock-exchange density currents through bubble screens, (submitted to Journal of Hydraulic Engineering)
- Nogueira, H. I. S., van der Hout, A., O'Mahoney, T. S. D., Kortlever, W., Sea locks: the impact of density differences on the hydraulic design of the levelling system. The case of the new large sea locks in IJmuiden and Terneuzen (to be submitted to Journal of Waterways, Ports, Ocean and Coastal Engineering).

Reports >>

- PIANC Report N°198 (2021). "Saltwater Intrusion Mitigation in Inland Waterways". The World Association for Waterborne Transport Infrastructure.
- Kerstma, J., Kolkman, P.A., Regeling, H.J., Venis, W.A. (1990). "Water quality control at ship locks: prevention of salt- and fresh water exchange". A.A. Balkema Publishers, Rotterdam.

GROUND

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- Delsman, J.R., Mulder, T., Verastegui, B.R., Bootsma, H., Zitman, P., Huizer, S., Oude Essink, G.H.P., 2023. Reproducible construction of a high-resolution national variable-density groundwater salinity model for the Netherlands. Environ. Model. Softw. 105683. <https://doi.org/10.1016/j.envsoft.2023.105683>
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SURFACE

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