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PUBLICATION LIST

The publication list includes totally 252 titles:

- 101 publications since 2000 (page 1-9)
- 151 publications before 2000 (page 9-23)

Books

1. Vollertsen, J., T. Hvitved-Jacobsen, N.Aa. Jensen, C.S. Sørensen og M. Uggerby (2006), Afløbssystemets levetid og renovering – en teknisk, økonomisk og servicerelevanteret analyse (Service life time and rehabilitation of sewer networks – a technological, economic and service related analysis), Miljøprojekt nr. 1065 (Environmental Project series No. 1065), Miljøstyrelsen (National Agency of Environmental Protection), pp. 138. ISBN 87-7614-967-6.
2. Ashley, R.M., J.-L. Bertrand-Krajewski, T. Hvitved-Jacobsen and M. Verbanck (eds.) (2004), Solids in Sewers – characteristics, effects and control of sewer solids and associated pollutants, IWA (International Water Association) Publishing, Scientific & Technical Report No.14, pp 340. ISBN 1-900222-91-4.
3. Hvitved-Jacobsen, T. (2004), Sewer Processes – microbial and chemical process engineering of sewer networks. Gihodo Shuppan Co., Ltd., Japan, pp. 227. ISBN 4-7655-3194-5. In Japanese language.
4. Arnbjerg-Nielsen, K., T. Hvitved-Jacobsen, A. Ledin, K. Auffarth, P.S. Mikkelsen, A. Baun og J. Kjølholt (2002), Bearbejdning af målinger af regnbetingede udledninger af NPo og miljøfremmede stoffer fra fællessystemer i forbindelse med NOVA 2003 (Combined sewer overflows loads of conventional pollutants, heavy metals and organic micro-pollutants), Miljøprojekt nr. 701 (Environmental Project series No. 701), Miljøstyrelsen (National Agency of Environmental Protection), pp. 78. ISBN 87-7972-159-1.
5. Hvitved-Jacobsen, T. (2002), Sewer Processes – microbial and chemical process engineering of sewer networks. CRC Press, pp. 237. ISBN 1-56676-926-4.

6. Vollertsen, J., K. Vorkamp, T. Hvitved-Jacobsen og N.Aa. Jensen (2002), Udsivning af spildevand fra afløbssystemer (Exfiltration of wastewater from sewer networks), Miljøprojekt nr. 685 (Environmental Project series No. 685), Miljøstyrelsen (National Agency of Environmental Protection), pp 97. ISBN 87-7972-084-6.
7. Arnbjerg-Nielsen, K., T. Hvitved-Jacobsen, N.B. Johansen, P.S. Mikkelsen, B.K. Poulsen, W. Rauch og F. Schlütter (2000), Stofkoncentrationer i regnbetingede udledninger fra fællessystemer (Pollutant concentrations in runoff from combined sewer catchments), Miljøprojekt nr. 532 (Environmental Project series No. 532), Miljøstyrelsen (National Agency of Environmental Protection), pp 127. ISBN 87-7909-804-5.

Book chapters

8. Vollertsen J. and T. Hvitved-Jacobsen (2005). Collection Systems - dry and wet weather performance, Chapter 5 in: Municipal Wastewater Management in Developing Countries: Principles and Engineering. Edited by Z. Ujang and M. Henze. IWA Publishing, London, UK, pp 352. ISBN 1843390302
9. Abdul-Talib, S., Z. Ujang, J. Vollertsen and T. Hvitved-Jacobsen (2004), Electron transfer rates and energy releases during denitrification of municipal wastewater, Environmental Biotechnology: Advancement in water and wastewater applications in the tropics, IWA (International Water Association) Water and Environmental Management Series, 205-211. ISBN 1-84339-503-7.
10. Ujang, Z., E. Soedjono, K.L. Olsen, A. Frederiksen, T. Hvitved-Jacobsen and J. Vollertsen (2004), Conditions affecting obnoxious smells from waste stabilisation ponds in tropical countries, Environmental Biotechnology: Advancement in water and wastewater applications in the tropics, IWA (International Water Association) Water and Environmental Management Series, 307-314. ISBN 1-84339-503-7.
11. Yang, W., J. Vollertsen and T. Hvitved-Jacobsen (2004), Anoxic transformations of wastewater in sewer networks, In Bertrand-Krajewski, J.-L., M. Almeida, J. Matos and S. Abdul-Talib (eds.), Sewer Networks and Processes within Urban Water Systems, IWA Publishing, ISBN 1-84339-506-1, 102-111.
12. Ashley, R.M. and T. Hvitved-Jacobsen (2002), Management of Sewer Sediments. Chapter #7 in: R. Field and D. Sullivan (eds), Wet-Weather Flow in the Urban Watershed - technology and management, Lewis Publishers, CRC Press, 187-223. ISBN 1-56676-916-7.
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Refereed journal papers

15. Nielsen, A.H., J. Vollertsen and T. Hvitved-Jacobsen (2006), Kinetics and stoichiometry of sulfide oxidation in sewer wastewater – effects of pH and temperature. Water Environment Research, 78(3), 275-283.

16. Abdul-Talib, S., Z. Ujang, J. Vollertsen and T. Hvitved-Jacobsen (2005). Model concept for nitrate and nitrite utilization during anoxic transformation in the bulk water phase of municipal wastewater under sewer conditions. *Water Science and Technology*, 52(3), 181–189
17. Ashley, R., J.-L. Bertrand-Krajewski and T. Hvitved-Jacobsen (2005). Sewer solids – 20 years of investigation. *Water Science and Technology*, 52(3), 73–84.
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20. Nielsen, A.H., P. Lens, J. Vollertsen and T. Hvitved-Jacobsen (2005), Sulfide-iron interactions in domestic wastewater from a sewer. *Water Research*. 39(12), 2747-2755.
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23. Vollertsen, J., A.H. Nielsen, W. Yang and T. Hvitved-Jacobsen (2005), Effects of in-sewer processes – a stochastic model approach. *Water Science and Technology*, 52(3), 171-180.
24. Vollertsen, J., T. Hvitved-Jacobsen and A.H. Nielsen (2005), Stochastic modeling of COD transformations in gravity sewers, *Water Environment Research*, 77(4), 331-339, ISSN 1061-4303.
25. Yang, W., J. Vollertsen and T. Hvitved-Jacobsen (2005). Anoxic sulfide oxidation in wastewater of sewer networks. *Water Science and Technology*, 52(3), 191–199.
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27. Åstebøl, S.O., T. Hvitved-Jacobsen and Ø. Simonsen (2004), Sustainable stormwater management at Fornebu – from an airport to an industrial and residential area of the city of Oslo, Norway, *The Science of the Total Environment*, vol. 334-335, 239-249.
28. Nielsen, A.H., J. Vollertsen and T. Hvitved-Jacobsen (2004), Chemical sulfide oxidation of wastewater – effects of pH and temperature, *Water Science & Technology*, 50(4), 185-192, 1-84339-479-0.
29. Nordeidet, B., T. Nordeide, S.O. Åstebøl and T. Hvitved-Jacobsen (2004), Prioritising and planning of urban stormwater treatment in the Alna watercourse in Oslo, *The Science of the Total Environment*, vol. 334-335, 231-238.

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33. Yongsiri, C., J. Vollertsen, M. Rasmussen and T. Hvitved-Jacobsen (2004), Air-water transfer of hydrogen sulfide: an approach for application in sewer networks, *Water Environment Research*, 76(1), 81-88. ISSN 1061-4303.
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39. Yongsiri, C., T. Hvitved-Jacobsen, J. Vollertsen and N. Tanaka (2003), Introducing the emission process of hydrogen sulfide to a sewer process model (WATS), *Water Science & Technology*, 47(4), 85-92. ISBN 1-84339-436-7; ISSN 0273-1223. Cf. Erratum in *Water Science & Technology* 47(12), 319-320. ISBN 1-84339-444-8; ISSN 0273-1223.
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43. Hvitved-Jacobsen, T., J. Vollertsen and J.S. Matos (2002), The sewer as a bioreactor – a dry weather approach, *Water Science & Technology*, 45(3), 11-24.

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49. Vollertsen, J., A. Jahn, J.L.Nielsen, T. Hvitved-Jacobsen and P.H. Nielsen (2001), Comparison of methods for determination of microbial biomass in wastewater, *Water Research*, 35(7), 1649-1658.
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55. Vollertsen, J. and T. Hvitved-Jacobsen (2000), Resuspension and oxygen uptake of sediments in combined sewers, *Urban Water*, 2(1), 21-27.
56. Vollertsen, J. and T. Hvitved-Jacobsen (2000), Sewer quality modeling – a dry weather approach, *Urban Water*, 2(2), 295-303.

Papers presented at international conferences

57. Vollertsen, J., S.O. Åstebøl, J.E. Coward, T. Fageraas, H.I. Madsen, A.H. Nielsen and T. Hvitved-Jacobsen (2006). Monitoring and modeling the performance of a wet pond for treatment of highway runoff in cold climates. Proceedings from the 8th Highway and Urban Environment Symposium, Nicosia, Cyprus, June 12-14, 2006.
58. Madsen, H.I., J. Vollertsen and T. Hvitved-Jacobsen (2006). Modelling the oxygen mass balance of wet detention ponds. Proceedings from the 8th

Highway and Urban Environment Symposium, Nicosia, Cyprus, June 12-14, 2006.

59. Hvitved-Jacobsen, T., J. Vollertsen and A.H. Nielsen (2005), Odor from sewer networks - processes and prediction, proceedings from the 9th NORDIWA (Nordic International Water Association) Conference on Collection and Treatment of Wastewater, Stockholm, Sweden, November 7-9, 2005, pp 15.
60. Nielsen, A.H., T. Hvitved-Jacobsen and J. Vollertsen (2005). Recent findings on sinks for sulfide in gravity sewer networks, proceedings from the 10th International Conference on Urban Drainage, Copenhagen, Denmark, August 21-26, 2005, pp. 8.
61. Yang, W., J. Vollertsen and T. Hvitved-Jacobsen (2004), Anoxic sulfide oxidation in wastewater of sewer networks, proceedings from the 4th IWA (International Water Association) International Conference on Sewer Processes and Networks, Funchal, Madeira, Portugal, November 22-24, 2004, 233-240.
62. Nielsen, A.H., C. Yongsiri, T. Hvitved-Jacobsen and J. Vollertsen (2004), Simulation of sulfide buildup in wastewater and atmosphere of sewer networks, proceedings from the 4th IWA (International Water Association) International Conference on Sewer Processes and Networks, Funchal, Madeira, Portugal, November 22-24, 2004, 241-248.
63. Vollertsen, J., A.H. Nielsen, W. Yang and T. Hvitved-Jacobsen (2004), Effects of in-sewer processes – a stochastic model approach, proceedings from the 4th IWA (International Water Association) International Conference on Sewer Processes and Networks, Funchal, Madeira, Portugal, November 22-24, 2004, 217-224.
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65. Ashley, R, J.-L. Bertrand-Krajewski and T. Hvitved-Jacobsen (2004), Sewer solids – 20 years of investigation, proceedings from the 4th IWA (International Water Association) International Conference on Sewer Processes and Networks, Funchal, Madeira, Portugal, November 22-24, 2004, 113-122.
66. Madsen, H.I., J. Vollertsen and T. Hvitved-Jacobsen (2004), Sewer air ventilation – method for determination of gas phase transport characteristics in gravity sewers, proceedings from the 1st IWA (International Water Association) Asian Junior Scientist Workshop on Sewer Network Processes & Urban Drainage, Malacca, Malaysia, February 7-10, 2004, pp 8.
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94. Vollertsen, J., A.H. Nielsen and T. Hvitved-Jacobsen (2005). Omsætning af organisk stof i afløbssystemet (Transformations of organic matter in sewer systems). *Spildevandsteknisk Tidsskrift*, no. 5, 2005, pp 5.
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101. Vollertsen, J., K. Vorkamp og T. Hvitved-Jacobsen (2002), Udsivning fra fløbssystemer (Exfiltration from sewer networks), *EVA - edb-anvendelse i Vandmiljøteknikken*, 15(1), 19-21.

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