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Employment

Professor

Professor
Department of the Built Environment
The Faculty of Engineering and Science
Aalborg Øst, Denmark
1 Sept 2008 → 31 Dec 4712

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Research outputs

Modelling the pH of wastewater

Vollertsen, J. & Nielsen, A. H., Aug 2019, *Proceedings of the 9th International Conference on Sewer Processes and Networks*.

Driftserfaring med filteranlæg til efterpolering af vejvand

Vollertsen, J., Kristensen, N. K. & van Alst, N., 2018, In: *Trafik & Veje*. 95, 5, p. 56-58

Etablering af filteranlæg til efterpolering af vejvand

Vollertsen, J., Kristensen, N. K. & van Alst, N., 2018, In: *Trafik & Veje*. 95, 5, p. 52-55

Biocider i urbane småsøer

Vollertsen, J., Bester, K., Rudelle, E. A., Bollmann, U. E., Minelgaite, G., Stephansen, D. A., Nielsen, A. H. & Pedersen, M. L., Oct 2017, Miljøministeriet. 148 p. (Bekæmpelsesmiddelforskning fra Miljøstyrelsen).

Microplastic in Danish wastewater: Sources, occurrences and fate

Vollertsen, J. (Editor) & Hansen, A. A. (Editor), Mar 2017, The Danish Environmental Protection Agency. 55 p. (Environmental Project, Vol. 1906).

Modeling Sulfides, pH and Hydrogen Sulfide Gas in the Sewers of San Francisco

Vollertsen, J., Revilla, N., Hvitved-Jacobsen, T. & Nielsen, A. H., 2015, In: Water Environment Research. 87, 11, p. 1980-1989 10 p.

Simulating pH and hydrogen sulfide in a distributed collection system

Vollertsen, J., Le Guennec, A., Nielsen, A. H. & Hvitved-Jacobsen, T., 4 Mar 2013, *Proceedings from the 5th IWA Specialized Conference on Odours and Air Emissions Jointly Held with 10th Conference on Biofiltration for Air Pollution Control*. IWA Publishing, 8 p.

Det beskidte regnvand

Vollertsen, J., Nielsen, A. H. & Hvitved-Jacobsen, T., Sept 2012, In: Trafik & Veje. 2012, 9, p. 43-45 3 p.

Oprødering af våde regnvandsbassiner for videregående rensning: Laboratorie- og feltforsøg

Vollertsen, J., Juul, M. C., Nielsen, A. H., Veldt, A. & Hvitved-Jacobsen, T., Aug 2012, Naturstyrelsen. 94 p.

Våde bassiner til rensning af separat regnvand

Vollertsen, J., Hvitved-Jacobsen, T., Nielsen, A. H. & Gabriel, S., 20 Jun 2012, Teknologisk Institut. 71 p.

Større anlæg til overfladenedslivning af separat regnvand

Vollertsen, J., Hvitved-Jacobsen, T. & Nielsen, A. H., 12 Jun 2012, 17 p.

A sewer process model as planning and management tool: Hydrogen sulfide simulation at catchment scale

Vollertsen, J., Nielsen, L., Blicher, T. D., Hvitved-Jacobsen, T. & Nielsen, A. H., 2011, In: Water Science and Technology. 64, 2, p. 348-354 7 p.

Modeling the corrosion of concrete sewers

Vollertsen, J., Nielsen, A. H., Jensen, H. S., Rudelle, E. A. & Hvitved-Jacobsen, T., 2011, *Proceedings of the 12th International Conference on Urban Drainage*. IWA Publishing, 8 p.

A sewer process model as planning and management tool: hydrogen sulfide simulation at catchment scale

Vollertsen, J., Nielsen, L., Blicher, T. D., Hvitved-Jacobsen, T. & Nielsen, A. H., 7 Oct 2010, *Proceedings of the 6th International Conference on Sewer Process and Networks, 7-10 November 2010, Surfers Paradise, Gold Coast, Australia*. IWA Publishing, 9 p.

Advanced stormwater treatment - comparison of technologies

Vollertsen, J., Lange, K. H., Pedersen, J., Hallager, P., Brink-Kjær, A., Laustsen, A., Bundesen, V. M., Brix, H., Arias, C., Nielsen, A. H., Høegh Nielsen, N., Wium-Andersen, T. & Hvitved-Jacobsen, T., 2009, *Proceedings of The 11th nordic/nordiwa wastewater conference*. p. 44-53 10 p.

Monitoring the startup of a wet detention pond equipped with sand filters and sorption filters

Vollertsen, J., Lange, K. H., Pedersen, J., Hallager, P., Bruus, A., Laustsen, A., Bundesen, V. W., Brix, H., Nielsen, A. H., Wium-Andersen, T. & Hvitved-Jacobsen, T., 2009, In: Water Science and Technology. 60, 4, p. 1071-1079 9 p.

Performance and Modelling of a Highway Wet Detention Pond Designed for Cold Climate

Vollertsen, J., Åstebøl, S. O., Coward, J. E., Fageraas, T., Nielsen, A. H. & Hvitved-Jacobsen, T., 2009, In: Water Quality Research Journal of Canada. 44, 3, p. 253-262 10 p.

Regnvand er ikke det rene vand

Vollertsen, J., Hvitved-Jacobsen, T., Wium-Andersen, T. & Nielsen, A. H., 2009, In: Spildevandsteknisk Tidsskrift. 37, 4, p. 34-37

Corrosion of concrete sewers: the kinetics of hydrogen sulfide oxidation

Vollertsen, J., Nielsen, A. H., Jensen, H. S., Wium-Andersen, T. & Hvitved-Jacobsen, T., 2008, In: Science of the Total Environment. 394, 1, p. 162-170 9 p.

Modeling the Formation and Fate of Odorous Substances in Collection Systems

Vollertsen, J., Nielsen, A. H., Jensen, H. S. & Hvitved-Jacobsen, T., 2008, In: Water Environment Research. 80, 2, p. 118-126 9 p.

Removal of soluble and colloidal pollutants from stormwater in full-scale detention ponds

Vollertsen, J., Lange, K. H., Pedersen, J., Hallager, P., Bruus, A., Laustsen, A., Bundesen, V. W., Brix, H., Nielsen, A. H., Nielsen, N. H., Wium-Andersen, T. & Hvitved-Jacobsen, T., 2008, *Proceedings of 11th International Conference on Urban Drainage [CD-rom]*. Edinburgh International Conference Centre, Scotland

Monitoring and modeling the performance of a wet pond for treatment of highway runoff in cold climates

Vollertsen, J., Åstebøl, S. O., Coward, J. E., Fageraas, T., Madsen, H. I., Nielsen, A. H. & Hvitved-Jacobsen, T., 2007, *Highway and Urban Environment*. Morrison, G. M. & Rauch, S. (eds.). The Netherlands: IEEE Computer Society Press, p. 499-509 10 p. (Alliance for Global Sustainability Bookseries, Vol. 12).

Svovlbrinte i afløbssystemet

Vollertsen, J., Nielsen, A. H. & Hvitved-Jacobsen, T., 2007, In: Mikrogen. 14, 37, p. 17-21 5 p.

Treatment of soluble and colloidal pollutants in stormwater runoff - The EU LIFE TREASURE project

Vollertsen, J., Lange, K. H., Nielsen, A. H., Nielsen, N. H. & Hvitved-Jacobsen, T., 2007. 1 p.

Treatment of urban and highway stormwater runoff for dissolved and colloidal pollutants

Vollertsen, J., Lange, K. H., Nielsen, A. H., Høegh Nielsen, N. & Hvitved-Jacobsen, T., 2007, *Proceedings from NOVATECH 2007, 24 - 28 juin 2007, Lyon - France*. GRAIE, Vol. 2. p. 877-884 8 p.

Afløbssystemets levetid og renovering: en teknisk, økonomisk og servicerelateret analyse

Vollertsen, J., Hvitved-Jacobsen, T., Jensen, N. A., Sørensen, C. S. & Uggerby, M., 2006, København: Miljøstyrelsen. 142 p. (Miljøprojekt; No. 1065).

Collection Systems - dry and wet weather performance

Vollertsen, J. & Hvitved-Jacobsen, T., 2006, *Municipal Wastewater Management in Developing Countries: Principles and Engineering*. London, UK: IWA Publishing, p. 99-133

Description and validation of structural condition

Vollertsen, J., 2006, *CARE-S: Computer aided rehabilitation of sewer and storm water networks*. Saegrov, S. (ed.). London: IWA Publishing, p. 19-36 17 p. (EU report).

Hydrolysis and fermentation of activated sludge to enhance biological phosphorus removal

Vollertsen, J., Petersen, G. & Borregaard, V. R., 2006, In: Water Science and Technology. 53, 12, p. 55-64 10 p.

Modeling the Formation and Fate of Odorous Substances in Collection Systems

Vollertsen, J., Nielsen, A. H., Jensen, H. S. & Hvitved-Jacobsen, T., 2006, *Proceedings of WEFTEC 2006, Water Environment Federation*. Water Environment Federation, p. 1097-1112 16 p.

Monitoring and modeling the performance of a wet pond for treatment of highway runoff in cold climates

Vollertsen, J., Åstebøl, S. O., Coward, J. E., Fageraas, T., Madsen, H. I., Nielsen, A. H. & Hvitved-Jacobsen, T., 2006, *Proceedings of the 8th Highway and Urban Environment Symposium*. 10 p.

Våde regnvandsbassiner

Vollertsen, J., Nielsen, A. H., Rasmussen, M. R. & Hvitved-Jacobsen, T., 2006, In: *Mikroben*. 14, 34, p. 4-9 6 p.

Effects of in-sewer processes: a stochastic model approach

Vollertsen, J., Nielsen, A. H., Yang, W. & Hvitved-Jacobsen, T., 2005, In: *Water Science and Technology*. 52, 3, p. 171-180 9 p.

Hydrolysis and Fermentation of Activated Sludge to Enhance Biological Phosphorus Removal

Vollertsen, J., Petersen, G. & Borregaard, V. R., 2005, *Proceedings from the IWA Specialized Conference on Nutrient Management in Wastewater Treatment Processes and Recycle Streams*. 8 p.

Omsætning af organisk stof i afløbssystemet

Vollertsen, J., Nielsen, A. H. & Hvitved-Jacobsen, T., 2005, In: *Spildevandsteknisk Tidsskrift*. 33, 5, p. 38-40 3 p.

Stochastic modeling of chemical oxygen demand transformations in gravity sewers

Vollertsen, J., Hvitved-Jacobsen, T. & Nielsen, A. H., 2005, In: *Water Environment Research*. 77, 4, p. 331-339 8 p.

Effects of in-sewer processes a stochastic model approach

Vollertsen, J., Nielsen, A. H., Yang, W. & Hvitved-Jacobsen, T., 2004, *Proceedings of the 4th International Conference on Sewer Processes and Networks*. IWA Publishing, p. 217-224 8 p.

Biologi i mekanikken: eller hvordan et renseanlæg mister værdifuldt organisk stof

Vollertsen, J., Borregaard, V. R., Hansen, C. K. & Jespersen, B. N., 2003, In: *Spildevandsteknisk Tidsskrift*. 31, 1, p. 18-20 3 p.

Exfiltration from gravity sewers: a pilot scale study

Vollertsen, J. & Hvitved-jacobsen, T., 2003, In: *Water Science and Technology*. 47, 4, p. 69-76

Stochastic modeling of COD transformations in gravity sewers

Vollertsen, J., Hvitved-jacobsen, T. & Nielsen, A. H., 2003, In: *Water Environment Research*.

Biodegradability of wastewater - a method for COD-fractionation

Vollertsen, J. & Hvitved-Jacobsen, T., 2002, In: *Water Science and Technology*. 45, 3, p. 25-34 9 p.

Characterization of wastewater biomass

Vollertsen, J., Jahn, A., Nielsen, J. L., Hvitved-Jacobsen, T. & Nielsen, P. H., 2002, In: *Water Research*. 35, 7, p. 1649-1658 9 p.

Exfiltration from gravity sewers: a pilot scale study

Vollertsen, J. & Hvitved-jacobsen, T., 2002, *Proceedings from the 3rd International Conference on Sewer Processes and Networks, Paris, France, April 15-17, 2002*. p. 155-162

Integrated design of sewers and wastewater treatment plants

Vollertsen, J., Hvitved-jacobsen, T., Ujang, Z. & Talib, S. A., 2002, In: *Water Science and Technology*. 46, 9, p. 11-20

Udsivning af spildevand fra afløbssystemer

Vollertsen, J., Vorkamp, K., Hvitved-jacobsen, T. & Jensen, N. A., 2002, Kbh.: Miljøstyrelsen. 97 p. (Miljøprojekt; No. 685).

Udsivning fra afløbssystemer

Vollertsen, J., Vorkamp, K. & Hvitved-jacobsen, T., 2002, In: *EVA : edb-anvendelse i vandmiljøteknikken*. 15, 1, p. 19-21

Biodegradability of wastewater: a method for COD-fractionation

Vollertsen, J. & Hvitved-Jacobsen, T., 2001, *Interactions between Sewers, Treatment Plants and Receiving Waters in Urban Areas (INTERURBA II): selected proceedings of the 2nd International Conference on Interactions Between ..., held in Lisbon, Portugal, February 19-22, 2001: Water Science & technology.* issue editor J. Saldanha Matos (ed.). Vol.45, 3 ed. IWA Publishing, p. 25-33

Comparison of methods for determination of microbial biomass in wastewater

Vollertsen, J., Jahn, A., Nielsen, J. L., Hvitved-Jacobsen, T. & Nielsen, P. H., 2001, In: *Water Research.* 35, 7, p. 1649-1658

Integrated design of sewers and wastewater treatment plants

Vollertsen, J., Hvitved-Jacobsen, T., Ujang, Z. & Talib, S. A., 2001, *IWA, International Conference on Water and Wastewater Management for Developing Countries, Kuala Lumpur, Malaysia, October 29-31, 2001.* p. 8

Resuspension and Oxygen Uptake of Sediments in Combined Sewers

Vollertsen, J. & Hvitved-Jacobsen, T., 2000, In: *Urban Water Journal.* 2, 1, p. 21-27

Sewer quality modeling: a dry weather approach

Vollertsen, J. & Hvitved-Jacobsen, T., 2000, In: *Urban Water Journal.* 2, 2, p. 295-303

Errata: Aerobic microbial transformations of pipe and silt trap sediments from combined sewers (Water Science and Technology 38,10 (249-256))

Vollertsen, J., Hvitved-Jacobsen, T., McGregor, I. & Ashley, R., 2 Mar 1999, In: *Water Science and Technology.* 39, 2, 1 p.

Aerobic Microbial Transformations of Pipe and Silt Trap Sediments from Combined Sewers

Vollertsen, J., Hvitved-Jacobsen, T., McGregor, I. & Ashley, R., 1999, In: *Water Science and Technology.* 39, 2, p. 234-241

Effects of Temperature and Dissolved Oxygen on Hydrolysis of Sewer Solids

Vollertsen, J., Almeida, M. D. C. & Hvitved-Jacobsen, T., 1999, In: *Water Research.* 33, 14, p. 3119-3126

Stoichiometric and Kinetic Model Parameters for Microbial Transformations of Suspended Solids in Combined Sewer Systems

Vollertsen, J. & Hvitved-Jacobsen, T., 1999, In: *Water Research.* 33, 14, p. 3127-3141

Rensning af vejvand

Vollertsen, J. & Hvitved-Jacobsen, T., 19 Oct 1998, In: *Byggeteknik.*

Aerobic Microbial Transformations of Pipe and Silt Trap Sediments from Combined Sewers

Vollertsen, J., Hvitved-Jacobsen, T., McGregor, I. & Ashley, R. M., 1998, *Proceedings of the IAWQ 19th Biennial International Conference.* 8 p.

Aerobic Microbial Transformations of Resuspended Sediments in Combined Sewers: a Conceptual Model

Vollertsen, J. & Hvitved-Jacobsen, T., 1998, In: *Water Science and Technology.* Vol. 37, 1, p. 69-76

Solids in Combined Sewers - Characterization and Transformation

Vollertsen, J., 1998, Aalborg: The Environmental Engineering Laboratory, Aalborg University. 43 p.

Aerobic Microbial Transformations of Resuspended Sediments in Combined Sewers - a Conceptual Model

Vollertsen, J. & Hvitved-Jacobsen, T., 1997, *Proceedings of the 2nd International Conference on The Sewer as a Physical, Chemical and Biological Reactor.* Aalborg Universitet, 8 p.

Activities

Microplastic pollution in three rivers with varying anthropogenic impact in South Eastern Norway

Lorenz, C. (Lecturer), Vollertsen, J. (Lecturer), Vianello, A. (Lecturer), Stephansen, D. (Lecturer), Dolven, J. K. (Lecturer), Værøy, N. (Lecturer), Olsen, S. B. (Lecturer) & Gomiero, A. (Lecturer)
23 Nov 2020 → 27 Nov 2020

Member of the Scientific Programme Committee responsible for the IWA Specialty Conference "Odours and Volatile Emissions" to be held in Barcelona 18-20 September 2006

Vollertsen, J. (Organizer)
1 Oct 2005 → 1 Jan 2007

IWA International Conference on Sewer Processes and Networks

Vollertsen, J. (Speaker)
15 Apr 2002 → 17 Apr 2002

10th International Conference on Urban Drainage

Vollertsen, J. (Organizer)
1 Jan 2002 → 1 Jan 2006

Press/Media

10 milliarder til renseanlæg

Vollertsen, J.
08/12/2006
1 item of Media coverage

187 kilo plastik satte fokus på stigende problem

Vollertsen, J.
15/02/2020
2 items of Media coverage

Affald kan være det rene guld

Vollertsen, J.
14/01/2011
1 item of Media coverage

Alive Festival med minister-besøg

Vollertsen, J.
09/08/2019
3 items of Media coverage

Anlæg skal standse skidt fra vejene: Regnvand fra vejene er forurenset med mikroplast og farlige stoffer

Vollertsen, J.
17/12/2018
1 item of Media coverage

Bildæk udleder 600 gange så meget mikroplast som al kosmetik tilsammen

Vollertsen, J.
13/03/2021
4 items of Media coverage

Biocider kan spredes fra puds, facade- og bundmaling

Vollertsen, J. & Vianello, A.
09/04/2021
1 item of Media coverage

Biolog: Jeg kan bringe livet tilbage til Flensborg Fjord

Vollertsen, J.
21/08/2024 → 27/08/2024
3 items of Media coverage

Blæst og fedtklumper øger risikoen for oversvømmelser

Vollertsen, J.
11/01/2019
1 item of Media coverage

Danmark sender millioner af kubikmeter spildevand ud i naturen

Vollertsen, J.
28/05/2020
2 items of Media coverage

Dansk ekspedition mod dybet efter plast-svar: Med sig har de en trailer fuld af gear

Vollertsen, J.
13/06/2022
1 item of Media coverage

Dansk familie skræmt over måling i deres lejlighed

Vollertsen, J.
18/09/2019
1 Media contribution

Debat: Mikroplastik er overalt og udfordrer vores sundhed

Vollertsen, J. & Allin, K.
09/05/2023 → 10/05/2023
2 Media contributions

Den skinbarlige sandhed eller løgn på løgn? Vi har tjekket, om Netflix-dokumentaren Seaspiracy holder vand

Vollertsen, J.
10/04/2021 → 16/04/2021
3 items of Media coverage

Dit affald kan havne på bunden af havet: Forsker slår alarm over mikroplast

Vollertsen, J.
03/10/2024 → 08/10/2024
22 items of Media coverage

Donation

Vollertsen, J.
20/12/2018 → 20/12/2018
7 items of Media coverage

Dårlige septiktankløg årsag til stor forurening

Vollertsen, J.
26/03/2010
1 item of Media coverage

Ekspertes: Supersygehus i Aalborg er ved at begå kæmpefejl

Vollertsen, J.
15/05/2018
12 items of Media coverage

Ekspert: Flydespærringer gør næsten ingen gavn

Vollertsen, J.
08/12/2013
1 item of Media coverage

Elbilerne forurener også - bare med gummi og støv

Vollertsen, J.
18/06/2025
1 item of Media coverage

Elbiler sprøjter farlige partikler ud i naturen: »Kør ordentligt,« lyder det

Vollertsen, J.
16/12/2024 → 17/12/2024
2 items of Media coverage

Er plast i havet en storm i et glas vand eller en overset miljøkatastrofe?

Vollertsen, J.
12/12/2018
1 item of Media coverage

Et hav af plast: Hvad fire års forskning i plast og mikroplast har lært os

Vollertsen, J.
25/12/2022
1 Media contribution

Floderne fylder havene med plastikaffald - ti store floder er de værste synderne

Vollertsen, J.
14/04/2019
1 item of Media coverage

Fluorstoffer gør slam fra spildevand for giftigt til at sprede på markerne

Vollertsen, J.
27/08/2022
2 items of Media coverage

Flydespærringer betyder intet

Vollertsen, J.
08/12/2013
1 item of Media coverage

Forbrug sætter spor på havbunden: Afsætning af mikroplast tredoblet i dette århundrede

Vollertsen, J., Vianello, A. & Sanchez, L. S.
28/12/2022
1 item of Media coverage

Forskere på togt for at kortlægge mikroplastik

Vollertsen, J.
14/11/2020
1 item of Media coverage

Forskere råber nu politikere op: Elbilerne sviner stiltiende byerne til med farlige partikler

Vollertsen, J.
11/12/2025
1 item of Media coverage

Forskning i lokal rensning: Kan klimavej fange mikroplast og rense regnvand?

Rasmussen, L. A. & Vollertsen, J.

04/02/2021

1 item of Media coverage

Forskningscenter åbner: Vil plastik i verdenshave til livs

Vollertsen, J.

01/02/2019

2 items of Media coverage

Fra fond til forsker: En uge i klimaets tegn

Vollertsen, J.

10/12/2018

37 items of Media coverage

Frederikshavn mener at kunne håndtere prøveboring

Vollertsen, J.

16/06/2015

1 item of Media coverage

Fup og fidus om fiskeriet

Vollertsen, J.

14/04/2021

1 item of Media coverage

Gode intentioner og globale udfordringer

Storm, B. K. & Vollertsen, J.

24/03/2019

2 items of Media coverage

Her kommer mutter med kost og spand

Vollertsen, J.

06/04/2020

1 item of Media coverage

Hjælp til de gode bakterier giver bedre vandrensning i troperne

Stokholm-Bjerregaard, M., Vollertsen, J. & Nielsen, P. H.

28/06/2016

1 item of Media coverage

Hvad stiller vi op med regnvandet?

Vollertsen, J.

20/12/2023

1 item of Media coverage

Hvordan opnås accept for BAT med alternative renseløsninger til regnvand?

Vollertsen, J.

08/11/2022

1 item of Media coverage

Hård kritik fra fiskere

Vollertsen, J.

24/08/2010

1 item of Media coverage

Ikke kun i Stillehavet: Masser af plastik i dansk jord

Vollertsen, J.
06/06/2017
1 item of Media coverage

I Vejle siver vejvand ned i kantstensbedet

Vollertsen, J.
26/09/2012
2 items of Media coverage

Jagten på det forsvundne plastik

Vollertsen, J.
08/11/2020 → 10/11/2020
3 items of Media coverage

Klimaet truer miljøgevinst

Vollertsen, J.
24/08/2010
1 item of Media coverage

Limfjorden er forurenede af mikroplast

Vollertsen, J.
19/10/2024
1 item of Media coverage

Lovende projekt opfanger mikroplast

Vollertsen, J.
07/04/2021 → 13/04/2021
2 items of Media coverage

Microplastics deposited on the seafloor triple in 20 years

Lorenz, C., Vianello, A., Liu, F., Vollertsen, J. & Sanchez, L. S.
22/12/2022 → 06/01/2023
25 items of Media coverage

Mikroplast fra kosmetik - en dråbe i havet

Vollertsen, J.
01/09/2017
1 item of Media coverage

Mikroplast fra motorveje skal opfanges

Vollertsen, J.
07/05/2021
1 item of Media coverage

Mikroplast fundet i luften over London

Vollertsen, J.
02/01/2020
1 item of Media coverage

MIKROPLAST I BYENS VAND

Vollertsen, J., Olesen, K. B., Simon, M. & Hansen, A. A.
02/07/2019
1 Media contribution

Mikroplast i hovedstadens drikkevand

Vollertsen, J.

19/09/2017

8 items of Media coverage

Mikroplast måles langt mere præcist

Vollertsen, J. & Olesen, K. B.

19/09/2019

4 items of Media coverage

Mikroplast: Teposer afgiver milliarder af partikler

Vollertsen, J.

27/09/2019

1 Media contribution

Mild spredning af partikelbårne biocider

Vollertsen, J. & Vianello, A.

10/05/2021

1 item of Media coverage

Muslingskaller renser vand fra motorveje

Vollertsen, J.

04/02/2010

1 item of Media coverage

Muslingskaller skal rense regnvand

Vollertsen, J.

03/02/2010

1 item of Media coverage

Mytedræber: Din karklud og din fleecetrøje frikendt for at forurene med mikroplast

Vollertsen, J.

15/03/2017

6 items of Media coverage

Mytedræber: Nej, karklude og nyvaskede fleecetrøjer er ikke store miljøsyndere

Vollertsen, J.

08/08/2020

4 items of Media coverage

Nanoplastics are entering our bodies

Vianello, A. & Vollertsen, J.

07/07/2023 → 29/07/2023

17 items of Media coverage

Nyhed: Samme forhøjede niveauer af mikroplast i kystnær havbund som 75 års slamtilførsel

Vollertsen, J.

27/11/2022

1 item of Media coverage

Ny metode skal fjerne motorvejs-mikroplast

Vollertsen, J.

29/03/2021 → 30/03/2021

4 items of Media coverage

Ny rapport om måling af mikroplast

Vollertsen, J.
11/01/2018
1 item of Media coverage

Ny teknologi til rensning af regnvand

Vollertsen, J.
07/12/2006
1 item of Media coverage

Nyt samarbejde om løsninger på plastforurening i havet

Vollertsen, J.
22/01/2019
1 item of Media coverage

Nyt studie: Flydende mikroplast fra Europa ender i Det Arktiske Ocean

Vollertsen, J.
18/03/2022
1 item of Media coverage

Ph.d.-forsvar af Gunaalan Kuddithamby: Mikroplastik og dets mulige effekt på plankton i havet

Vollertsen, J.
04/01/2024
1 item of Media coverage

Plastik er farligt men potentielt også fantastisk

Vollertsen, J.
19/04/2024 → 21/04/2024
7 items of Media coverage

Plastik er farligt, men potentielt også fantastisk

Vollertsen, J.
27/04/2024
9 items of Media coverage

Plastik kan blive verdens mest miljøvenlige materiale: Her er hvordan

Vollertsen, J.
14/04/2021
1 item of Media coverage

Professor går i rette med ny rapport om elbilers luftforurening

Vollertsen, J.
27/05/2025
1 item of Media coverage

Recipient of the 2013 WEF Eddy Wastewater Principles/Processes Medal

Nielsen, A. H. & Vollertsen, J.
13/07/2013
1 item of Media coverage

Rensning af spildevand får fiskene til at vende tilbage

Vollertsen, J.
14/10/2014
6 items of Media coverage

Ritzau Plus: Mikroplastik på strande bekymrer naturfolk

Vollertsen, J.

22/09/2019

45 items of Media coverage

Silkeborg Forsyning: Utilfredsstillende tømning i 2019

Vollertsen, J.

11/06/2020

2 items of Media coverage

Slam blev pløjet ned efter politianmeldelse

Vollertsen, J.

20/10/2017

3 items of Media coverage

Solenergi suger vand ud af ørkenluft

Vollertsen, J.

11/06/2018

1 item of Media coverage

Spildevandstræf i Malmø

Vollertsen, J.

06/12/2013

1 item of Media coverage

Støtte til AAU-forskere

Lange, L., Gurevich, L., Fojan, P., Vollertsen, J., Nielsen, T. T., Graven-Nielsen, T., Jensen, K., Nielsen, E. H., Christiansen, E. T., Nielsen, B. N. & Roslev, P.

20/09/2011

4 items of Media coverage

Svensk projekt vil fjerne problem med mikroplast fra tekstiler

Vollertsen, J.

29/11/2017

1 item of Media coverage

Thy øl i ét krus!

Vollertsen, J.

17/08/2019

2 items of Media coverage

Udfordringer med analyser for mikroplast

Vollertsen, J.

08/12/2017

1 item of Media coverage

Urenset spildevand fra renseanlæg løber ofte ud i å, når det regner: - Myndighederne pisser på os

Vollertsen, J.

28/11/2024 → 29/11/2024

3 items of Media coverage

Utilstrækkelig kontrol for biocider

Vollertsen, J.

06/10/2015

2 items of Media coverage

Vanddetektiver jager forurening

Vollertsen, J.
17/12/2011
3 items of Media coverage

Vandhåndtering: Nicolinelund gør det rigtige

Vollertsen, J.
10/11/2023
1 item of Media coverage

Verdens første filter til vand fra motorveje

Vollertsen, J.
10/09/2018
4 items of Media coverage

Aalborg Universitet afprøver helt ny metode til at fjerne mikroplast fra vand

Vollertsen, J.
22/03/2021 → 24/03/2021
28 items of Media coverage

AAU-projekt om mikroplast i havmiljø

Vollertsen, J.
11/12/2020
1 item of Media coverage

Projects

Biotic and abiotic corrosion of concrete sewers

Nielsen, P. H. (Project Participant), Nielsen, A. H. (Project Participant), Vollertsen, J. (Project Participant) & Hvitved-Jacobsen, T. (Project Participant)
01/01/2005 → 30/06/2008

Effekten af tilbageholdt spildevand under regn på den efterfølgende rensning / The effect of extended storage on wastewater treatment

Hvitved-Jacobsen, T. (Project Participant) & Vollertsen, J. (Project Participant)
01/02/2005 → 01/02/2005

Emission af svovlbrinte med relationer til svovlkredsløbet i afløbssystemer / Emission and fate of hydrogen sulfide in sewer networks

Hvitved-Jacobsen, T. (Project Participant) & Vollertsen, J. (Project Participant)
01/02/2005 → 01/02/2005

Energioptimering og affaldshåndtering- Kildesorteret organisk affald og have-og park affald til biogas

Borregaard, A. R. (PI) & Vollertsen, J. (Col)
01/08/2016 → 31/07/2021

Forudsigelse af levetid for afløbsnet / Computer aided rehabilitation of sewer networks

Hvitved-Jacobsen, T. (Project Participant), Vollertsen, J. (Project Participant) & Madsen, H. I. (Project Participant)
31/12/2005 → 31/12/2005

Kemisk og biologisk oxidation af sulfid i afløbssystemer / Chemical and biological oxidation of sulfide in sewer networks

Vollertsen, J. (Project Participant) & Hvitved-Jacobsen, T. (Project Participant)
01/02/2005 → 01/02/2005

Kvælstoffjernelse i spildevand med høje ammoniumkoncentrationer / Nitrogen removal for wastewater with high ammonia concentrations

Vollertsen, J. (Project Participant) & Hvitved-Jacobsen, T. (Project Participant)
01/02/2005 → 01/02/2005

MarinePlastic – Det danske center for forskning i marin plastikforurening

Vollertsen, J. (PI)
Velux Foundation
20/11/2018 → 20/11/2024

Nedbrydning af organisk stof i den mekaniske del af Aalborg Renseanlæg Vest / Degradation of organic matter in the mechanical part of Aalborg Treatment Plant West

Hvitved-Jacobsen, T. (Project Participant) & Vollertsen, J. (Project Participant)
01/02/2005 → 01/02/2005

Nitrogen transformations in sewer networks

Nielsen, A. H. (Project Participant), Vollertsen, J. (Project Participant) & Hvitved-Jacobsen, T. (Project Participant)
01/02/2005 → 31/12/2008

Omsætning af kvælstof og kulstof under anoxiske forhold i afløbssystemer / Nitrogen and carbon transformations under anoxic conditions in sewers

Hvitved-Jacobsen, T. (Project Participant), Vollertsen, J. (Project Participant) & Yang, W. (Project Participant)
01/02/2005 → 01/02/2005

Process engineering of wet detention ponds

Hvitved-Jacobsen, T. (Project Participant), Madsen, H. I. (Project Participant) & Vollertsen, J. (Project Participant)
01/02/2005 → 30/10/2006

Renovering af afløbsnet under hensyntagen til funktion, miljøpåvirkning og økonomi / Rehabilitation of sewer networks based on operational, environmental and economic criteria

Vollertsen, J. (Project Participant) & Hvitved-Jacobsen, T. (Project Participant)
01/02/2005 → 01/02/2005

Sinking at sea- Identifying the processes driving the export of microplastics to the seafloor

Sanchez, L. S. (PI), Vianello, A. (Project Participant), Nielsen, A. H. (Project Participant), Lykkemark, J. (Project Participant) & Vollertsen, J. (Supervisor)
01/05/2023 → 31/10/2024

Stofomsætning i afløbssystemer / In-sewer Processes

Hvitved-Jacobsen, T. (Project Participant), Vollertsen, J. (Project Participant) & Nielsen, A. H. (Project Participant)
19/05/2010 → 19/05/2013

Stofomsætning i afløbssystemer under anoxiske forhold / In-sewer anoxic transformations of waste-water

Vollertsen, J. (Project Participant) & Hvitved-Jacobsen, T. (Project Participant)
01/02/2005 → 01/02/2005

Testing the Resistance of Concrete Towards Microbial Induced Corrosion (MIC)

Nielsen, A. H. (PI) & Vollertsen, J. (CoI)
COWIfonden
01/03/2026 → 28/02/2029

Udsivning af spildevand fra afløbssystemer / Exfiltration of wastewater from sewer networks

Vorkamp, K. (Project Participant), Vollertsen, J. (Project Participant) & Hvitved-Jacobsen, T. (Project Participant)
31/12/2003 → 31/12/2003

AAU Circular Plastics

Lykke, A. (Project Coordinator), Wæhrens, B. V. (PI), Varrone, C. (PI), Vollertsen, J. (PI), Christiansen, J. D. C. (PI), Jensen, L. R. (PI), Simonsen, M. E. (PI), Pedersen, T. H. (PI) & Stingl, V. (PI)
01/11/2023 → ...

AAU Water

Lykke, A. (Project Coordinator), Quist-Jensen, C. A. (PI), Vollertsen, J. (PI), Nielsen, P. H. (PI), Larsen, K. G. (PI), Ali, A. (PI), Aschmoneit, F. J. (PI), Pomianowski, M. Z. (PI) & Wisniewski, R. (PI)
01/05/2024 → ...

2019	Lorem ipsum dolor sit amet
2018	Lorem ipsum dolor sit amet
2017	Lorem ipsum dolor sit amet
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2014	Lorem ipsum dolor sit amet