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Research outputs

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Abdul-Talib, S., Hvitved-Jacobsen, T., Vollertsen, J. & Ujang, Z., 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. 53-60

Biodegradability of wastewater: a method for COD-fractionation

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Comparison of methods for determination of microbial biomass in wastewater

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Dissolved oxygen in gravity sewers: measurement and simulation

Gudjonsson, G., 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. 35-43

Formation of hydrogen sulfide and odorous substances in wastewater

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Half saturation constants for nitrate and nitrite by in-sewer anoxic transformations of wastewater organic matter

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Integrated design of sewers and wastewater treatment plants

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Sewer quality modeling: a dry weather approach

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Udsivning af spildevand fra afløbssystemer

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

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Effects of Temperature and Dissolved Oxygen on Hydrolysis of Sewer Solids

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Sewer Solids Erosion, Washout, and a new Paradigm to Control Solids Impacts on Receiving Waters

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

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An Intercepting Sewer from Dortmund to Dinslaken, Germany: Prediction of Wastewater Transformations during Transport

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A Process and Model Concept for Microbial Wastewater Transformations in Gravity Sewers

Hvitved-Jacobsen, T., Vollertsen, J. & Nielsen, P. H., 1998, In: *Water Science and Technology*. Vol. 37, 1, p. 233-241

Sewer Solids Management using Invert Traps

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Wastewater Transformations in Sewer Systems: Traditional and Recent Understanding of Problems

Hvitved-Jacobsen, T., Vollertsen, J. & Tanaka, N., 1998, In: *Emscher-Genossenschaft : Materialien zum Umbau des Emscher-Systems*. Heft 9, p. 15-25

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

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A Process and Model Concept for Microbial Wastewater Transformations in Gravity Sewers

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Fraser, A. G., Ashley, R. M., Sutherland, M. M. & Vollertsen, J., 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

Claudia Lorenz (Lecturer), Jes Vollertsen (Lecturer), Alvise Vianello (Lecturer), Diana Stephansen (Lecturer), Jane K. Dolven (Lecturer), Nina Værøy (Lecturer), Stein B. Olsen (Lecturer) & Alessio Gomiero (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

Jes Vollertsen (Organizer)
1 Oct 2005 → 1 Jan 2007

IWA International Conference on Sewer Processes and Networks

Jes Vollertsen (Speaker)
15 Apr 2002 → 17 Apr 2002

10th International Conference on Urban Drainage

Jes Vollertsen (Organizer)
1 Jan 2002 → 1 Jan 2006

Press/Media

10 milliarder til renseanlæg

Jes Vollertsen
08/12/2006
1 item of Media coverage

187 kilo plastik satte fokus på stigende problem

Jes Vollertsen
15/02/2020
2 items of Media coverage

Affald kan være det rene guld

Jes Vollertsen
14/01/2011
1 item of Media coverage

Alive Festival med minister-besøg

Jes Vollertsen

09/08/2019

3 items of Media coverage

Anlæg skal standse skidtet fra vejene: Regnvand fra vejene er forurennet med mikroplast og farlige stoffer

Jes Vollertsen

17/12/2018

1 item of Media coverage

Bildæk udleder 600 gange så meget mikroplast som al kosmetik tilsammen

Jes Vollertsen

13/03/2021

4 items of Media coverage

Biocider kan spredes fra puds, facade- og bundmaling

Jes Vollertsen & Alvis Vianello

09/04/2021

1 item of Media coverage

Blæst og fedtklumper øger risikoen for oversvømmelser

Jes Vollertsen

11/01/2019

1 item of Media coverage

Danmark sender millioner af kubikmeter spildevand ud i naturen

Jes Vollertsen

28/05/2020

2 items of Media coverage

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

Jes Vollertsen

13/06/2022

1 item of Media coverage

Dansk familie skræmt over måling i deres lejlighed

Jes Vollertsen

18/09/2019

1 Media contribution

Debat: Mikroplastik er overalt og udfordrer vores sundhed

Jes Vollertsen & Kristine Allin

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

Jes Vollertsen

10/04/2021 → 16/04/2021

3 items of Media coverage

Donation

Jes Vollertsen

20/12/2018 → 20/12/2018

7 items of Media coverage

Dårlige septiktankanlæg årsag til stor forsurening

Jes Vollertsen
26/03/2010
1 item of Media coverage

Ekspert: Supersygehus i Aalborg er ved at begå kæmpefejl

Jes Vollertsen
15/05/2018
12 items of Media coverage

Ekspert: Flydespærringer gør næsten ingen gavn

Jes Vollertsen
08/12/2013
1 item of Media coverage

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

Jes Vollertsen
12/12/2018
1 item of Media coverage

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

Jes Vollertsen
25/12/2022
1 Media contribution

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

Jes Vollertsen
14/04/2019
1 item of Media coverage

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

Jes Vollertsen
27/08/2022
2 items of Media coverage

Flydespærringer betyder intet

Jes Vollertsen
08/12/2013
1 item of Media coverage

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

Jes Vollertsen, Alvise Vianello & Laura Simon Sanchez
28/12/2022
1 item of Media coverage

Forskere på togt for at kortlægge mikroplastik

Jes Vollertsen
14/11/2020
1 item of Media coverage

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

Lasse Abraham Rasmussen & Jes Vollertsen
04/02/2021
1 item of Media coverage

Forskningscenter åbner: Vil plastik i verdenshave til livs

Jes Vollertsen

01/02/2019

2 items of Media coverage

Fra fond til forsker: En uge i klimaets tegn

Jes Vollertsen

10/12/2018

37 items of Media coverage

Frederikshavn mener at kunne håndtere prøveboring

Jes Vollertsen

16/06/2015

1 item of Media coverage

Fup og fidus om fiskeriet

Jes Vollertsen

14/04/2021

1 item of Media coverage

Gode intentioner og globale udfordringer

Birgit Kjærside Storm & Jes Vollertsen

24/03/2019

2 items of Media coverage

Her kommer mutter med kost og spand

Jes Vollertsen

06/04/2020

1 item of Media coverage

Hjælp til de gode bakterier giver bedre vandrensning i tropene

Mikkel Stokholm-Bjerregaard, Jes Vollertsen & Per Halkjær Nielsen

28/06/2016

1 item of Media coverage

Hvad stiller vi op med regnvandet?

Jes Vollertsen

20/12/2023

1 item of Media coverage

Hvordan opnås accept for BAT med alternative renseløsninger til regnvand?

Jes Vollertsen

08/11/2022

1 item of Media coverage

Hård kritik fra fiskere

Jes Vollertsen

24/08/2010

1 item of Media coverage

Ikke kun i Stillehavet: Masser af plastik i dansk jord

Jes Vollertsen

06/06/2017

1 item of Media coverage

I Vejle siver vejvand ned i kantstensbedet

Jes Vollertsen

26/09/2012

2 items of Media coverage

Jagten på det forsvundne plastik

Jes Vollertsen

08/11/2020 → 10/11/2020

3 items of Media coverage

Klimaet truer miljøgevinst

Jes Vollertsen

24/08/2010

1 item of Media coverage

Lovende projekt opfanger mikroplast

Jes Vollertsen

07/04/2021 → 13/04/2021

2 items of Media coverage

Microplastics deposited on the seafloor triple in 20 years

Claudia Lorenz, Alvise Vianello, Fan Liu, Jes Vollertsen & Laura Simon Sanchez

22/12/2022 → 06/01/2023

25 items of Media coverage

Mikroplast fra kosmetik - en dråbe i havet

Jes Vollertsen

01/09/2017

1 item of Media coverage

Mikroplast fra motorveje skal opfanges

Jes Vollertsen

07/05/2021

1 item of Media coverage

Mikroplast fundet i luften over London

Jes Vollertsen

02/01/2020

1 item of Media coverage

MIKROPLAST I BYENS VAND

Jes Vollertsen, Kristina Borg Olesen, Marta Simon & Aviaja Anna Hansen

02/07/2019

1 Media contribution

Mikroplast i hovedstadens drikkevand

Jes Vollertsen

19/09/2017

8 items of Media coverage

Mikroplast måles langt mere præcist

Jes Vollertsen & Kristina Borg Olesen

19/09/2019

4 items of Media coverage

Mikroplast: Tøposer afgiver milliarder af partikler

Jes Vollertsen
27/09/2019
1 Media contribution

Mild spredning af partikelbårne biocider

Jes Vollertsen & Alvis Vianello
10/05/2021
1 item of Media coverage

Muslingskaller renser vand fra motorveje

Jes Vollertsen
04/02/2010
1 item of Media coverage

Muslingskaller skal rense regnvand

Jes Vollertsen
03/02/2010
1 item of Media coverage

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

Jes Vollertsen
15/03/2017
6 items of Media coverage

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

Jes Vollertsen
08/08/2020
4 items of Media coverage

Nanoplastics are entering our bodies

Alvis Vianello & Jes Vollertsen
07/07/2023 → 29/07/2023
17 items of Media coverage

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

Jes Vollertsen
27/11/2022
1 item of Media coverage

Ny metode skal fjerne motorvejs-mikroplast

Jes Vollertsen
29/03/2021 → 30/03/2021
4 items of Media coverage

Ny rapport om måling af mikroplast

Jes Vollertsen
11/01/2018
1 item of Media coverage

Ny teknologi til rensning af regnvand

Jes Vollertsen
07/12/2006
1 item of Media coverage

Nyt samarbejde om løsninger på plastforurening i havet

Jes Vollertsen
22/01/2019
1 item of Media coverage

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

Jes Vollertsen
18/03/2022
1 item of Media coverage

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

Jes Vollertsen
04/01/2024
1 item of Media coverage

Plastik er farligt men potentielt også fantastisk

Jes Vollertsen
19/04/2024 → 21/04/2024
7 items of Media coverage

Plastik er farligt, men potentielt også fantastisk

Jes Vollertsen
27/04/2024
9 items of Media coverage

Plastik kan blive verdens mest miljøvenlige materiale: Her er hvordan

Jes Vollertsen
14/04/2021
1 item of Media coverage

Recipient of the 2013 WEF Eddy Wastewater Principles/Processes Medal

Asbjørn Haaning Nielsen & Jes Vollertsen
13/07/2013
1 item of Media coverage

Rensning af spildevand får fiskene til at vende tilbage

Jes Vollertsen
14/10/2014
6 items of Media coverage

Ritzau Plus: Mikroplastik på strande bekymrer naturfolk

Jes Vollertsen
22/09/2019
45 items of Media coverage

Silkeborg Forsyning: Utilfredsstillende tømning i 2019

Jes Vollertsen
11/06/2020
2 items of Media coverage

Slam blev pløjet ned efter politianmeldelse

Jes Vollertsen
20/10/2017
3 items of Media coverage

Solenergi suger vand ud af ørkenluft

Jes Vollertsen
11/06/2018
1 item of Media coverage

Spildevandstræf i Malmø

Jes Vollertsen
06/12/2013
1 item of Media coverage

Støtte til AAU-forskere

Lene Lange, Leonid Gurevich, Peter Fojan, Jes Vollertsen, Thorbjørn Terndrup Nielsen, Thomas Graven-Nielsen, Kristoffer Jensen, Eskild Holm Nielsen, Ellen Tove Christiansen, Benjaminn Nordahl Nielsen & Peter Roslev
20/09/2011
4 items of Media coverage

Svensk projekt vil fjerne problem med mikroplast fra tekstiler

Jes Vollertsen
29/11/2017
1 item of Media coverage

Thy øl i ét krus!

Jes Vollertsen
17/08/2019
2 items of Media coverage

Udfordringer med analyser for mikroplast

Jes Vollertsen
08/12/2017
1 item of Media coverage

Utilstrækkelig kontrol for biocider

Jes Vollertsen
06/10/2015
2 items of Media coverage

Vanddetektiver jager forurening

Jes Vollertsen
17/12/2011
3 items of Media coverage

Vandhåndtering: Nicolinelund gør det rigtige

Jes Vollertsen
10/11/2023
1 item of Media coverage

Verdens første filter til vand fra motorveje

Jes Vollertsen
10/09/2018
4 items of Media coverage

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

Jes Vollertsen
22/03/2021 → 24/03/2021
28 items of Media coverage

AAU-projekt om mikroplast i havmiljø

Jes Vollertsen

11/12/2020

1 item of Media coverage

Projects

Biotic and abiotic corrosion of concrete sewers

Nielsen, P. H., Nielsen, A. H., Vollertsen, J. & Hvitved-Jacobsen, T.

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. & Vollertsen, J.

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. & Vollertsen, J.

01/02/2005 → 01/02/2005

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

Borregaard, A. R. & Vollertsen, J.

01/08/2016 → 31/07/2021

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

Hvitved-Jacobsen, T., Vollertsen, J. & Madsen, H. I.

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. & Hvitved-Jacobsen, T.

01/02/2005 → 01/02/2005

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

Vollertsen, J. & Hvitved-Jacobsen, T.

01/02/2005 → 01/02/2005

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. & Vollertsen, J.

01/02/2005 → 01/02/2005

Nitrogen transformations in sewer networks

Nielsen, A. H., Vollertsen, J. & Hvitved-Jacobsen, T.

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., Vollertsen, J. & Yang, W.

01/02/2005 → 01/02/2005

Process engineering of wet detention ponds

Hvitved-Jacobsen, T., Madsen, H. I. & Vollertsen, J.

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. & Hvitved-Jacobsen, T.
01/02/2005 → 01/02/2005

Stofomsætning i afløbssystemer / In-sewer Processes

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

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

Vollertsen, J. & Hvitved-Jacobsen, T.
01/02/2005 → 01/02/2005

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

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

2019	Lorem ipsum dolor sit amet
2018	Lorem ipsum dolor sit amet
2017	Lorem ipsum dolor sit amet
2016	Lorem ipsum dolor sit amet
2015	Lorem ipsum dolor sit amet
2014	Lorem ipsum dolor sit amet