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Publikationer

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Introducing the emission process of hydrogen sulfide to a sewer process model (WATS)

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Formation of hydrogen sulfide and odorous substances in wastewater

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Rensning af vejvand

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

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Hvitved-Jacobsen, T. & Vollertsen, J., 1998, Aalborg: Department of Mechanical Engineering, Aalborg University.

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

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

Sewer Solids Management using Invert Traps

Fraser, G., Ashley, R. M., Sutherland, M. M. & Vollertsen, J., 1998, I: *Water Science and Technology*. 37, 1, s. 139-146

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

Wastewater Quality Changes during Transport in Sewers: - an Integrated Aerobic and Anaerobic Model Concept for Carbon and Sulfur Microbial Transformations

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

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Hvitved-Jacobsen, T., Vollertsen, J. & Nielsen, P. H., 1997

Sewer Solids Management using Invert Traps

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Aktiviteter

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

Lorenz, C. (Foredragsholder), Vollertsen, J. (Foredragsholder), Vianello, A. (Foredragsholder), Stephansen, D. (Foredragsholder), Dolven, J. K. (Foredragsholder), Værøy, N. (Foredragsholder), Olsen, S. B. (Foredragsholder) & Gomiero, A. (Foredragsholder)
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. (Arrangør)
1 okt. 2005 → 1 jan. 2007

IWA International Conference on Sewer Processes and Networks

Vollertsen, J. (Oplægsholder)
15 apr. 2002 → 17 apr. 2002

10. internationale konference om byernes vandafledning

Vollertsen, J. (Arrangør)
1 jan. 2002 → 1 jan. 2006

Presse/medie

10 milliarder til renseanlæg

Vollertsen, J.
08/12/2006
1 element af Mediedækning

187 kilo plastik satte fokus på stigende problem

Vollertsen, J.
15/02/2020
2 elementer af Mediedækning

Affald kan være det rene guld

Vollertsen, J.
14/01/2011
1 element af Mediedækning

Alive Festival med minister-besøg

Vollertsen, J.
09/08/2019
3 elementer af Mediedækning

Amount of microplastics found on the seafloor has tripled in 20 years

Lorenz, C., Vianello, A., Liu, F., Vollertsen, J. & Sanchez, L. S.
22/12/2022 → 06/01/2023
25 elementer af Mediedækning

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

Vollertsen, J.
17/12/2018
1 element af Mediedækning

Bildæk udleder 600 gange så meget mikroplast som al kosmetik tilsammen

Vollertsen, J.
13/03/2021
4 elementer af Mediedækning

Biocider kan spredes fra puds, facade- og bundmaling

Vollertsen, J. & Vianello, A.
09/04/2021
1 element af Mediedækning

Biolog: Jeg kan bringe livet tilbage til Flensborg Fjord

Vollertsen, J.

21/08/2024 → 27/08/2024

3 elementer af Mediedækning

Blæst og fedtklumper øger risikoen for oversvømmelser

Vollertsen, J.

11/01/2019

1 element af Mediedækning

Danmark sender millioner af kubikmeter spildevand ud i naturen

Vollertsen, J.

28/05/2020

2 elementer af Mediedækning

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

Vollertsen, J.

13/06/2022

1 element af Mediedækning

Dansk familie skræmt over måling i deres lejlighed

Vollertsen, J.

18/09/2019

1 Mediebidrag

Debat: Mikroplastik er overalt og udfordrer vores sundhed

Vollertsen, J. & Allin, K.

09/05/2023 → 10/05/2023

2 Mediebidrag

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 elementer af Mediedækning

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

Vollertsen, J.

03/10/2024 → 07/10/2024

20 elementer af Mediedækning

Donation

Vollertsen, J.

20/12/2018 → 20/12/2018

7 elementer af Mediedækning

Dårlige septiktankanlæg årsag til stor forurening

Vollertsen, J.

26/03/2010

1 element af Mediedækning

Ekspert: Supersygehus i Aalborg er ved at begå kæmpefejl

Vollertsen, J.

15/05/2018

12 elementer af Mediedækning

Ekspert: Flydespærringer gør næsten ingen gavn

Vollertsen, J.

08/12/2013

1 element af Mediedækning

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

Vollertsen, J.

12/12/2018

1 element af Mediedækning

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

Vollertsen, J.

25/12/2022

1 Mediebidrag

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

Vollertsen, J.

14/04/2019

1 element af Mediedækning

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

Vollertsen, J.

27/08/2022

2 elementer af Mediedækning

Flydespærringer betyder intet

Vollertsen, J.

08/12/2013

1 element af Mediedækning

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

Vollertsen, J., Vianello, A. & Sanchez, L. S.

28/12/2022

1 element af Mediedækning

Forskere på togt for at kortlægge mikroplastik

Vollertsen, J.

14/11/2020

1 element af Mediedækning

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

Rasmussen, L. A. & Vollertsen, J.

04/02/2021

1 element af Mediedækning

Forskningscenter åbner: Vil plastik i verdenshave til livs

Vollertsen, J.

01/02/2019

2 elementer af Mediedækning

Fra fond til forsker: En uge i klimaets tegn

Vollertsen, J.

10/12/2018

37 elementer af Mediedækning

Frederikshavn mener at kunne håndtere prøveboring

Vollertsen, J.

16/06/2015

1 element af Mediedækning

Fup og fidus om fiskeriet

Vollertsen, J.

14/04/2021

1 element af Mediedækning

Gode intentioner og globale udfordringer

Storm, B. K. & Vollertsen, J.

24/03/2019

2 elementer af Mediedækning

Her kommer mutter med kost og spand

Vollertsen, J.

06/04/2020

1 element af Mediedækning

Hjælp til de gode bakterier giver bedre vandrensning i troperne

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

28/06/2016

1 element af Mediedækning

Hvad stiller vi op med regnvandet?

Vollertsen, J.

20/12/2023

1 element af Mediedækning

Hvordan opnås accept for BAT med alternative renseløsninger til regnvand?

Vollertsen, J.

08/11/2022

1 element af Mediedækning

Hård kritik fra fiskere

Vollertsen, J.

24/08/2010

1 element af Mediedækning

Ikke kun i Stillehavet: Masser af plastik i dansk jord

Vollertsen, J.

06/06/2017

1 element af Mediedækning

I Vejle siver vejvand ned i kantstensbedet

Vollertsen, J.

26/09/2012

2 elementer af Mediedækning

Jagten på det forsvundne plastik

Vollertsen, J.

08/11/2020 → 10/11/2020

3 elementer af Mediedækning

Klimaet truer miljøgevinst

Vollertsen, J.

24/08/2010

1 element af Mediedækning

Lovende projekt opfanger mikroplast

Vollertsen, J.

07/04/2021 → 13/04/2021

2 elementer af Mediedækning

Mikroplast fra kosmetik - en dråbe i havet

Vollertsen, J.

01/09/2017

1 element af Mediedækning

Mikroplast fra motorveje skal opfanges

Vollertsen, J.

07/05/2021

1 element af Mediedækning

Mikroplast fundet i luften over London

Vollertsen, J.

02/01/2020

1 element af Mediedækning

MIKROPLAST I BYENS VAND

Vollertsen, J., Olesen, K. B., Simon, M. & Hansen, A. A.

02/07/2019

1 Mediebidrag

Mikroplast i hovedstadens drikkevand

Vollertsen, J.

19/09/2017

8 elementer af Mediedækning

Mikroplast måles langt mere præcist

Vollertsen, J. & Olesen, K. B.

19/09/2019

4 elementer af Mediedækning

Mikroplast: Teposer afgiver milliarder af partikler

Vollertsen, J.

27/09/2019

1 Mediebidrag

Mild spredning af partikelbårne biocider

Vollertsen, J. & Vianello, A.

10/05/2021

1 element af Mediedækning

Muslingskaller renser vand fra motorveje

Vollertsen, J.

04/02/2010

1 element af Mediedækning

Muslingskaller skal rense regnvand

Vollertsen, J.

03/02/2010

1 element af Mediedækning

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

Vollertsen, J.

15/03/2017

6 elementer af Mediedækning

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

Vollertsen, J.

08/08/2020

4 elementer af Mediedækning

Nanoplastics are entering our bodies

Vianello, A. & Vollertsen, J.

07/07/2023 → 29/07/2023

17 elementer af Mediedækning

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

Vollertsen, J.

27/11/2022

1 element af Mediedækning

Ny metode skal fjerne motorvejs-mikroplast

Vollertsen, J.

29/03/2021 → 30/03/2021

4 elementer af Mediedækning

Ny rapport om måling af mikroplast

Vollertsen, J.

11/01/2018

1 element af Mediedækning

Ny teknologi til rensning af regnvand

Vollertsen, J.

07/12/2006

1 element af Mediedækning

Nyt samarbejde om løsninger på plastforurening i havet

Vollertsen, J.

22/01/2019

1 element af Mediedækning

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

Vollertsen, J.

18/03/2022

1 element af Mediedækning

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

Vollertsen, J.

04/01/2024

1 element af Mediedækning

Plastik er farligt men potentielt også fantastisk

Vollertsen, J.

19/04/2024 → 21/04/2024

7 elementer af Mediedækning

Plastik er farligt, men potentielt også fantastisk

Vollertsen, J.

27/04/2024

9 elementer af Mediedækning

Plastik kan blive verdens mest miljøvenlige materiale: Her er hvordan

Vollertsen, J.

14/04/2021

1 element af Mediedækning

Recipient of the 2013 WEF Eddy Wastewater Principles/Processes Medal

Nielsen, A. H. & Vollertsen, J.

13/07/2013

1 element af Mediedækning

Rensning af spildevand får fiskene til at vende tilbage

Vollertsen, J.

14/10/2014

6 elementer af Mediedækning

Ritzau Plus: Mikroplastik på strande bekymrer naturfolk

Vollertsen, J.

22/09/2019

45 elementer af Mediedækning

Silkeborg Forsyning: Utilfredsstillende tømning i 2019

Vollertsen, J.

11/06/2020

2 elementer af Mediedækning

Slam blev pløjet ned efter politianmeldelse

Vollertsen, J.

20/10/2017

3 elementer af Mediedækning

Solenergi suger vand ud af ørkenluft

Vollertsen, J.

11/06/2018

1 element af Mediedækning

Spildevandstræf i Malmø

Vollertsen, J.

06/12/2013

1 element af Mediedækning

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 elementer af Mediedækning

Svensk projekt vil fjerne problem med mikroplast fra tekstiler

Vollertsen, J.

29/11/2017

1 element af Mediedækning

Thy øl i ét krus!

Vollertsen, J.

17/08/2019

2 elementer af Mediedækning

Udfordringer med analyser for mikroplast

Vollertsen, J.

08/12/2017

1 element af Mediedækning

Utilstrækkelig kontrol for biocider

Vollertsen, J.

06/10/2015

2 elementer af Mediedækning

Vanddetektiver jager forurening

Vollertsen, J.

17/12/2011

3 elementer af Mediedækning

Vandhåndtering: Nicolinelund gør det rigtige

Vollertsen, J.

10/11/2023

1 element af Mediedækning

Verdens første filter til vand fra motorveje

Vollertsen, J.

10/09/2018

4 elementer af Mediedækning

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

Vollertsen, J.

22/03/2021 → 24/03/2021

28 elementer af Mediedækning

AAU-projekt om mikroplast i havmiljø

Vollertsen, J.

11/12/2020

1 element af Mediedækning

Projekter

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

Hvitved-Jacobsen, T. (Projektdeltager) & Vollertsen, J. (Projektdeltager)

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. (Projektdeltager) & Vollertsen, J. (Projektdeltager)

01/02/2005 → 01/02/2005

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

Borregaard, A. R. (PI (principal investigator)) & Vollertsen, J. (CoI (co-investigator))

01/08/2016 → 31/07/2021

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

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

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. (Projektdeltager) & Hvitved-Jacobsen, T. (Projektdeltager)

01/02/2005 → 01/02/2005

Kemisk og mikrobiel korrosion af beton i afløbssystemer

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

01/01/2005 → 30/06/2008

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

Vollertsen, J. (Projektdeltager) & Hvitved-Jacobsen, T. (Projektdeltager)

01/02/2005 → 01/02/2005

Kvælstofomsætninger i afløbsledninger

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

01/02/2005 → 31/12/2008

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. (Projektdeltager) & Vollertsen, J. (Projektdeltager)

01/02/2005 → 01/02/2005

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

Hvitved-Jacobsen, T. (Projektdeltager), Vollertsen, J. (Projektdeltager) & Yang, W. (Projektdeltager)

01/02/2005 → 01/02/2005

Processer i våde regnvandsbassiner

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

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. (Projektdeltager) & Hvitved-Jacobsen, T. (Projektdeltager)

01/02/2005 → 01/02/2005

Stofomsætning i afløbssystemer / In-sewer Processes

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

19/05/2010 → 19/05/2013

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

Vollertsen, J. (Projektdeltager) & Hvitved-Jacobsen, T. (Projektdeltager)

01/02/2005 → 01/02/2005

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

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

AAU Water

Lykke, A. (Projektkoordinator), Quist-Jensen, C. A. (PI (principal investigator)), Vollertsen, J. (PI (principal investigator)), Nielsen, P. H. (PI (principal investigator)), Larsen, K. G. (PI (principal investigator)), Ali, A. (PI (principal investigator)), Aschmoneit, F. J. (PI (principal investigator)), Pomianowski, M. Z. (PI (principal investigator)) & Wisniewski, R. (PI (principal investigator))

01/05/2024 → ...

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