

## Personal Information

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Last Name	van Wezel
First Name(s)	Annemarie Pauline
Title(s)	Prof. Dr
Job title	Director and Professor of the Institute for Biodiversity and Ecosystem Dynamics (IBED), University of Amsterdam

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## Field(s) of knowledge relevant for your work at Ctgb

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Water quality  
Risk assessment and risk mitigation  
Environmental toxicology and chemistry  
Environmental policy evaluation

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## Education

### Higher education

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1986-1991	MSc Biology, Utrecht University
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### Post-graduate education

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2019-2020	Program Academic Leadership, University of Amsterdam
2019	Basic Qualification Teaching (BKO), University of Amsterdam
2010-2011	Cranfield General Management Program
2005-2006	'Master class in strategic management', Netherlands School of Public Administration (NSOB), The Hague
2001-2003	Master 'Management in Service Organizations', Utrecht University School of Governance (USG)
1991-1994	Postgraduate Education in Toxicology, WUR
1991-1994	PhD student at the RITOX (now Institute of Risk Assessment Sciences), Utrecht University. Thesis 'Residue-based effects of narcotic chemicals in fish and lipid bilayers' (September 1995)

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## Professional positions held

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2019	- present	IBED (Institute for Biodiversity and Ecosystem Dynamics) at the University of Amsterdam, Scientific Director, chair Environmental Ecology.
2007	- 2018	KWR Watercycle Research Institute, Nieuwegein. From 2013-2018 endowed professor Water Quality and Health at Utrecht University, Copernicus Institute of Sustainable Development. KWR's Chief Science Officer from May 2018. Board member KWR and manager Water Quality and Health (2010-2013). Team leader Chemical Water Quality and Health, KWR Watercycle Research Institute (2007-2010).
2002	- 2007	Policy researcher at the Netherlands Environmental Assessment Agency, Bilthoven. Team leader Sustainable Rural Areas (2002-2004), projectleader integrated projects (2004-2007, Environmental Balance, Environmental Outlook, Evaluation election programs, Evaluation governmental agreement).
1997	- 2001	Researcher at the National Institute for Public Health and the Environment (RIVM), Centre for Substances and Risks, Bilthoven.
1994	- 1997	Projectleader ecotoxicology at the National Institute for Coast and Sea (RIKZ, now Deltares), The Hague.
1991	- 1994	PhD student at the RITOX

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## Other information relevant for professional experience

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2020	- present	Chair Science Committee Netherlands Institute of Ecology (NIOO-KNAW)
2020	- present	Member of the Permanent Committee Large-scale Scientific Infrastructure (NWO)
2020	- present	Member Board of Associates (BoA) Institute for Advanced Study (IAS)(UvA)
2019	- 2020	External council member Council for the Environment and Infrastructure (RLI), advice 'Safe handling of hazardous substances in the physical environment'
2019	- present	Advisor to Board NDFF (Nederlandse Database Flora en Fauna)
2019	- present	Board member Netherlands Ecological Research Network NERN
2019	- present	Associate editor 'Frontiers in Environmental Science: Toxicology, Pollution and the Environment'
2019	- present	Member evaluation committee FWO SBBio4A - Applied Biological Sciences A -Environmental sciences, geology, ecotoxicology panel
2018	- 2019	Member SAPEA Microplastics Working Group
2017	- 2018	Advisory member Scientific Committee on Health, Environmental and Emerging Risks (SCHEER), working group on oil and gas
2017	- present	Board Member Stichting International Water Conferences
2016	- present	Member Dutch Health Council (Gezondheidsraad), Member Committee Signals Health and Environment
2014	- present	Member of the Dutch Board on Authorization of Plant Protection Products and Biocides (CTGB)

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2014	-	2018	Chair (by picket) of Crisis Expert Team for environment and drinking water (CETmd)
2014	-	present	Board Member Postdoctoral Education on Toxicology
2014	-	present	Member Editorial Board 'Reviews of Environmental Contamination and Toxicology' (Springer)
2013	-	present	Several NWO Jury memberships (STW open innovation program, STW Water technology call, Venicommittee STW) and call preparation committee memberships (License to Operate call ALW, Topsector Water Call NWO/ALW, Topsector Water Call CEC STW)
2007	-	2016	Member (since 2012 vice-chair) of the Soil Protection Technical Committee (TCB)
2008	-	2011	Member-elect Europe Council of the Society of Environmental Toxicology and Chemistry (SETAC)
2015	-		Member audit committee work field 'drinking water' RIVM
2015	-		Member 'Future for Water Utility Drenthe' chaired by ms. Margreet de Boer
2004	-	2008	Vice-chair of Provincial committee for water and the environment, province of Utrecht.
2003	-	2008	Chair redaction of 'Bodem', published by Kluwer.
General			Organization of various sessions/workshops at international symposia (SETAC, IWA)

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## Publications in peer reviewed Journals

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1993	Belfroid, A., Van Wezel, A., Sikkenk, M., Van Gestel, K., Seinen, W., Hermens, J. (1993) The toxicokinetic behavior of chlorobenzenes in earthworms ( <i>Eisenia andrei</i> ): Experiments in water. Ecotox. Environ. Saf. 25: 154-165.
1995	Van Wezel, A.P., Opperhuizen, A. (1995) Narcosis due to environmental pollutants in aquatic organisms: residue-based toxicity, mechanisms and membrane burdens. Crit. Rev. Toxicol. CRC 25: 255-279.
1995	Van Wezel, A.P., Punte, S.S., Opperhuizen, A. (1995) Lethal body burdens of polar narcotics: chlorophenols. Environ. Tox.Chem. 14: 1579-1585.
1995	Van Wezel, A.P., Sijm, D.T.H.M., Seinen, W., Opperhuizen, A. (1995) Use of lethal body burden to indicate species differences in susceptibility to narcotic toxicants. Chemosphere 31: 3201-3209.
1995	Van Wezel, A.P., Opperhuizen, A. (1995) Thermodynamics of a series of chlorobenzenes to fish storage lipids, in comparison to partitioning to phospholipids. Chemosphere 31: 3605-3615.
1995	Van Wezel, A.P., De Vries, D.A.M., Kostense, S., Sijm, D.T.H.M., Opperhuizen, A. (1995)

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- 1996 Intraspecies variation in lethal body burdens of narcotic compounds. *Aquat. Toxicol.* 33: 325-342.
- 1996 Van Wezel, A.P., Cornelissen, G., Van Miltenburg, J.K., Opperhuizen, A. (1996)  
Membrane burdens of chlorinated benzenes lower the main phase transition temperature in dipalmitoyl-phosphatidylcholine vesicles: Implications for toxicity by narcotic chemicals. *Environ. Toxicol. Chem.* 15:203-212.
- 1996 Van Wezel, A.P., De Vries, D.A.M., Sijm, D.T.H.M., Opperhuizen, A. (1996)  
Use of the lethal body burden in the evaluation of mixture toxicity. *Ecotox. Environ. Saf.* 35:236-241.
- 1997 Van Wezel, A.P., Schmitz, M.G.J., Tielens, A.G.M. (1997)  
Acetylcholinesterase and ATPase activities in erythrocyte ghosts are not affected by 1,2,4-trichlorobenzene: Implications for toxicity by narcotic chemicals. *Environ. Toxicol. Chem.* 16:2347-2352.
- 1997 De Maagd, P.G.-J., Van de Klundert, I.C.M., Van Wezel, A.P., Opperhuizen, A., Sijm, D.T.H.M. (1997)  
Lipid content and time-to death-dependent lethal body burdens of naphthalene and 1,2,4--trichlorobenzene in fathead minnow (*Pimephales promelas*). *Ecotoxicol. Environ. Saf.* 38:232-237.
- 1998 Van Wezel, A.P., Jonker, M.T.O. (1998)  
Use of the lethal body burden in the risk quantification of field sediments; influence of temperature and salinity. *Aquat. Toxicol.* 42:287-300.
- 1998 Van Wezel, A.P. (1998)  
Chemical and biological aspects of ecotoxicological risk assessment of ionizable and neutral organic compounds in fresh and marine waters: a review. *Environ. Rev.* 6:123-137.
- 1999 Ciarelli, S., Van Straalen, N.M., Klap, V.A., Van Wezel, A.P. (1999)  
Effects of sediment bioturbation by the estuarine amphipod *Corophium volutator* on fluoranthene resuspension and transfer into the mussel (*Mytilus edulis*). *Environ. Toxicol. Chem.* 18:318-328.
- 1999 Sanderson, J.T., Commandeur, J.N.M., Van Wezel, A., Vermeulen, N.P.E. (1999)  
Bioassays for the detection of chemicals that can form bioactivation-dependent reactive free radicals. *Environ. Toxicol. Chem.* 18:1236-1243.
- 2000 Roex, E.W.M., Van Gestel, C.A.M., Van Wezel, A.P., Van Straalen, N.M. (2000)  
Ratios between acute aquatic toxicity and effects on population growth rates in relation to toxicant mode of action. *Environ. Toxicol. Chem.* 19:685-693.
- 2000 Van Wezel, A.P., Traas, T., Van der Weiden, M., Crommentuijn, G.H., Sijm, D.T.H.M. (2000)  
Environmental quality standards for polychlorinated biphenyl's in the Netherlands; derivation with probabilistic food chain modeling. *Environ. Tox. Chem.*
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	19:2140-2153.
2000	Van Wezel, A.P., Van Vlaardingen, P., Posthumus, R., Crommentuijn, G.H., Sijm, D. (2000) Environmental risk limits for two phthalates, with special emphasis on endocrine disruptive properties. Ecotoxicol. Environ. Saf. 46:305-321.
2001	Moermond, C.T.A. , Tijink, J., Van Wezel, A.P., Koelmans, A.A. (2001) Distribution, speciation, and bioavailability of lanthanides in the Rhine-Meuse estuary, The Netherlands. Environ. Toxicol. Chem. 20:1916-1926.
2002	Sijm, D.T.H.M., Van Wezel, A.P., Crommentuijn, T. (2002) Environmental risk limits in the Netherlands. In: Posthuma, L., Suter II, G.W., Traas, T.P. (eds.) Species sensitivity distributions in ecotoxicology. Lewis Publishers.
2002	Van Wezel, A.P., Jager, T. (2002) Comparison of two screening level risk assessment approaches for six disinfectants and pharmaceuticals. Chemosphere 47:1113-1128.
2004	Van Wezel, A.P., Van Vlaardingen, P. (2004) Environmental risk limits for antifouling substances. Aquat. Toxicol. 66:427-444.
2004	Traas, T.P.; Van Wezel, A.P.; Hermens, J.L.M.; Zorn, M.; Van Hattum, A.G.M.; Van Leeuwen, C.J. (2004) Environmental quality criteria for organic chemicals predicted from internal effect concentrations and a food web model. Environ. Toxicol. Chem. 23:2518-2527.
2005	Mulder, C.; Van Wezel, A.P.; Van Wijnen, H.J. (2005) Embedding soil quality in the planning and management of land use. Int. J. Biodiv. Sci. Man. 1:77-84
2005	Mulder, C.; Van Wijnen, H.J.; Van Wezel, A.P. (2005) Numerical abundance and biodiversity of below-ground taxocenes along a pH gradient across the Netherlands. J. Biogeogr. 32:1775-1790
2006	Van Wezel, A.P.; Kruitwagen, S.; Maas, R. (2006) Policy profile: How Dutch environmental policy contributes to meet European environmental standards; Dutch Environmental Balance. Europ. Environ.16:45-52
2008	Van Wezel, A.P.; Franken, R.O.G.; Drissen, E.; Versluijs, K.C.W.; Van den Berg, R. (2008) Societal cost-benefit analysis for soil remediation in the Netherlands. IEAM, 4:61-74.
2009	Van Wezel, A.P.; Puijker, L.; Vink, C; Versteegh, A.; De Voogt, P. (2009) Odour and flavour thresholds of gasoline additives (MTBE, ETBE and TAME) and their occurrence in Dutch drinking water collection areas. Chemosphere, 76:672-676.
2010	Schriks, M.; Heringa, M.B.; Van der Kooi, M.; De Voogt, P.; Van Wezel, A.P. (2010) Toxicological relevance of emerging contaminants for drinking water quality. Water Res. 44:461-476.
2010	Van Wezel, A.P.; Mons, M.; Van Delft, W. (2010)

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- 2010 New methods to monitor emerging chemicals in the drinking water production chain.  
J. Environ. Monit. 12:80-89.  
Van Wezel, A.P.; Mons, M.; Van Delft, W. (2010)  
New methods to monitor emerging chemicals in the drinking water production chain.  
J. Environ. Monit. 12:80-89.
- 2010 Schriks, M.; Van Leerdam, J.A.; Van der Linden, S.C.; Van der Burg, B.; Van Wezel, A.P.; De Voogt, P. (2010)  
High-Resolution Mass Spectrometric Identification and Quantification of Glucocorticoid Compounds in Various Wastewaters in The Netherlands.  
Environ. Sci. Technol., 44:4766–4774.
- 2011 Schriks, M.; Heringa, M.B.; de Voogt P.; Van Wezel, A.P. (2011)  
Response to Mario Schirmer, Marion Martienssen and Kristin Schirmer's comments regarding "Toxicological relevance of emerging contaminants for drinking water quality" by Schriks et al.  
Wat. Res. 45: 1515-1517.
- 2011 Van Wezel, A.P.; Morinière, V; Emke, E.; Ter Laak, T.; Hogenboom, A.C. (2011)  
Quantifying summed fullerene nC(60) and related transformation products in water using LC LTQ Orbitrap MS and application to environmental samples.  
Environ. Int. 37:1063-1067
- 2011 Woutersen, M.; Belkin, S.; Brouwer, B.; Van Wezel, A.P.; Heringa, M.B. (2011)  
Are luminescent bacteria suitable for online detection and monitoring of toxic compounds in drinking water and its sources?  
Anal. Bioanal. Chem. 400:915-29.
- 2011 McCarty, L.S.; Landrum, P.F.; Luoma, S.N.; Meador, J.P.; Merten, A.A.; Shephard, B.K.; Van Wezel, A.P. (2011)  
Advancing environmental toxicology through chemical dosimetry: External exposures versus tissue residues.  
Int. Env. Ass. Man. 7:7-27.
- 2012 Van Leeuwen, C.J., Frijns, J., van Wezel, A., van de Ven, F.H.M. (2012)  
City Blueprints: 24 Indicators to Assess the Sustainability of the Urban Water Cycle.  
Wat. Res. Man. 26:2177-2197.
- 2012 Ter Laak, T.L., Puijker, L.M., Van Leerdam, J.A., Raat, K.J., Kolkman, A., De Voogt, P., Van Wezel, A.P. (2012)  
Broad target chemical screening approach used as tool for rapid assessment of groundwater quality.  
Sci. Tot. Environ. 427-428:308-313.
- 2013 Punt, A., Brand, W., Murk, A.J., Van Wezel, A.P., Schriks, M., Heringa, M.B. (2013)  
Effect of combining in vitro estrogenicity data with kinetic characteristics of estrogenic compounds on the in vivo predictive value.  
Toxicol in Vitro 27:44-51.
- 2013 Brand, W., De Jongh, C.M., Van der Linden, S.C., Mennes, W., Puijker, L.M., Van Leeuwen, C.J., Van Wezel, A.P., Schriks, M., Heringa, M.B. (2013)  
Trigger values for investigation of hormonal activity in drinking water and its sources using CALUX bioassays.
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- 2013 Environ. Int. 55: 109–118.  
Van de Vossenberg, J. Tervahauta, H., Maquelin, K., Blokker-Koopmans, C.H.W., Uytewaal-Aarts, M., Dick Van der Kooij, D., Van Wezel, A.P., Van der Gaag, B. (2013)  
Identification of bacteria in drinking water with Raman spectroscopy. Anal. Methods 5: 2679-2687.
- 2013 Kolkman, A., Emke, E., Bäuerlein, P.S., Carboni, A., Truc Tran, D., Ter Laak, T.L., Van Wezel, A.P., De Voogt, P. (2013)  
Analysis of (functionalized) fullerenes in water samples by liquid chromatography coupled to high-resolution mass spectrometry. Anal. Chem. 2013:5867–5874. (ACS selected paper)
- 2014 Kettler, K., Veltman, K., Van de Meent, D., Van Wezel, A., Hendriks, A.J. (2014)  
Cellular uptake of nanoparticles. Environ. Toxicol. Chem. 33:481–492
- 2015 Brack W, Altenburger R, Schüürmann G, ; Martin Krauss; Jos van Gils; Jaroslav Slodbodnik; John Munthe; Bernd Manfred Gawlik; Annemarie van Wezel; Merijn Schriks; Juliane Hollender; Knut Erik Tollefsen; Ovanes Mekenyan; Saby Dimitrov; Dirk Bunke; Ian Cousins; Leo Posthuma; Paul J van den Brink; Miren López de Alda; Damià Barceló; Michael Faust; Andreas Kortenkamp; Mark Scrimshaw; Svetlana Ignatova; Guy Engelen; Gudrun Massmann; Gregory Lemkine; Ivana Teodorovic; Karl-Heinz Walz; Valeria Dulio; Michiel T.O. Jonker; Felix Jäger; Kevin Chipman; Francesco Falciani; Igor Liska; David Rooke; Xiaowei Zhang; Henner Hollert; Branislav Vrana; Klara Hilscherova; Kees Kramer; Steffen Neumann; Ruth Hammerbacher; Thomas Backhaus; Juliane Mack; Helmut Segner; Beate Escher; Gisela de Aragão Umbuzeiro (2015)  
SOLUTIONS for present and future emerging pollutants in land and water resources management. Sci. Tot. Environ. 503-504:22-31.
- 2015 Kolkman A, Martijn BJ, Vughs D, Baken KA, Van Wezel AP (2015)  
Tracing nitrogenous disinfection by-products after medium pressure UV water treatment by stable isotope labeling and high resolution mass spectrometry. Environ. Sci. Technol. 49:4458-4465.
- 2015 Coppens LJC, Van Gils J, Ter Laak T, Raterman B, Van Wezel A. (2015)  
Towards spatially smart abatement of human pharmaceuticals in surface waters: defining impact of sewage treatment plants on susceptible functions. Wat. Res. 81: 356–365
- 2016 Sjerps RMA, Vughs D, Van Leerdam JA, Ter Laak TL, Van Wezel AP (2016)  
Data-driven prioritization of chemicals for various water types using suspect screening LC-HRMS. Wat. Res. 93:254-264.
- 2016 Van Wezel AP, Caris I, Kools S (2016)  
Release of primary microplastics from consumer products to wastewater in the Netherlands. Environ Tox Chem, 35:1627-1631.
- 2017 Bäuerlein PS, Emke E, Tromp P, Hofman JAMH, Carboni A, Schooneman F, De Voogt P, Van Wezel AP (2017)  
Is there evidence for man-made nanoparticles in the Dutch environment?
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2017 Sci. Tot. Environ. 576:273–283.  
Brack W, Dulio V, Ågerstrand M, Allan I, Altenburger R, Brinkmann M, Bunke D, Burgess RM, Cousins I, Escher BI, Hernández FJ, Hewitt ML, Hilscherová K, Hollender J, Hollert H, Kase R, Klauer B, Lindim C, López Herráez D, Miège C, Munthe J, O’Toole S, Posthuma L, Rüdél H, Schäfer RB, Sengl M, Smedes F, Van de Meent D, Van den Brink PJ, Van Gils J, Van Wezel AP, Vethaakz AD, Vermeirssen E, Von der Ohe PC, Vrana B (2017) Towards the review of the Water Framework Directive: Recommendations for more efficient assessment and management of chemical contamination in European surface water resources.  
Sci. Tot. Environ. 576:720–737.  
Fischer A, Ter Laak T, Bronders J, Desmet N, Christoffels E, Van Wezel A, Van der Hoek JP (2017) Decision support for water quality management of contaminants of emerging concern.  
J. Environ. Man. 193:360-372.

2017 Munthe J, Brorström-Lundén E, Rahmberg M, Posthuma L, Altenburger R, Brack W, Bunke D, Engelen G, Gawlik BM, Van Gils J, López Herráez D, Rydberg T, Slobodnik J, Van Wezel A (2017) An expanded conceptual framework for solution-focused management of chemical pollution in European waters.  
Environ. Sci. Europe 29:13.

2017 Butkovskiy A, Bruning H, Kools SAE, Rijnaarts HHM, Van Wezel AP (2017) Organic pollutants in shale gas flowback and produced waters: identification, potential ecological impact and implications for treatment strategies.  
Environ. Sci. Tech. 51:4740–4754.

2017 Van Wezel AP, Ter Laak TL, Fischer A, Bäuerlein PS, Munthe J, Posthuma L (2017) Operationalising solutions-focused risk assessment; mitigation options for chemicals of emerging concern in surface waters.  
RSC Environ. Sci. Water Res. Tech. 3, 403 – 414.  
Koelmans A, Besseling E, Foekema E, Kooi M, Mintenig S, Ossendorp B, Redondo Hasselerharm P, Verschoor A, Van Wezel A, Scheffer M (2017) Risks of Plastic Debris: Unravelling fact, opinion, perception and belief. *Env Sci Tech* 51:11513-11519.

2018 Kooi M, Besseling E, Kroeze C, Van Wezel AP, Koelmans AA (2018) Modelling the fate and transport of plastic debris in freshwaters: Review and guidance. Springer.  
In: Freshwater microplastics: Emerging environmental contaminants?, Wagner, M., Lambert, S. Eds. Springer. 58:125-152

2018 Van Wezel AP, Van Lente H, Van de Sandt JJM, Bouwmeester H, Vandeberg RLJ, Sips AJAM. (2018) Risk analysis and technology assessment in support of technology development; putting RRI in practice in a case study for nanotechnology. *Integr. Environ. Ass. Man.* 14:9-16

2018 Butkovskiy A, Faber AH, Wang Y, Grolle K, Hofman-Caris C, Bruning H, Van Wezel A, Rijnaarts H (2018) Removal of organic contaminants from shale gas flowback water. *Water Res.* 138:47–55.

2018 Baken KA, Sjerps RMA, Schriks M, Van Wezel AP (2018)

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- 2018 Toxicological relevance and Threshold of Toxicological Concern (TTC) for drinking water relevant contaminants of emerging concern. *Environ Int* 118:293-303.
- 2018 Van Wezel AP, Van den Hurk F, Sjerps RMA, Meijers EM, Roex EWM, Ter Laak TL (2018) Impact of industrial waste water treatment plants on Dutch surface waters and drinking water sources. *Sci Tot Environ* 640-641:1489-1499.
- 2018 Louisse J, Dingemans MML, Baken KA, Van Wezel AP, Schriks M (2018) Exploration of ToxCast/Tox21 bioassays as candidate bioanalytical tools for measuring groups of chemicals in water. *Chemosphere* 209:373-380.
- 2018 Mintenig SM, Bäuerlein PS, Koelmans AA, Dekker SC, Van Wezel AP (2018) Closing the gap between small and smaller: Towards a framework to analyse nano- and microplastics in aqueous environmental samples. *Environ Sci Nano* 5:1640-1649.
- 2018 Pit I, Van Egmond E, Dekker S, Griffioen J, Wassen M, Van Wezel A (2018) Ecotoxicological risk of trace element mobility in coastal semi-artificial depositional areas near the mouth of the River Rhine, the Netherlands. *Environ. Toxicol. Chem.* 37: 2933-2946.
- 2019 Faber AH, Annevelink M, Gilissen HK, Schot P, Van Rijswick M, De Voogt P, Van Wezel A (2019) How to adapt chemical risk assessment for unconventional hydrocarbon extraction related to the water system. *Rev. Environ. Contam. Toxicol.* 246:1-32.
- 2019 Butkovskiy A, Cirkel G, Bozileva E, Bruning H, Van Wezel AP, Rijnaarts HHM (2019) Estimation of the water cycle related to shale gas production under high data uncertainties: Dutch perspective. *J Environ. Man.* 231:483-493.
- 2019 Brunner AM, Dingemans MM, Baken KA, Van Wezel AP (2019) Prioritizing anthropogenic chemicals in drinking water and sources through combined use of mass spectrometry and ToxCast toxicity data. *J. Haz. Mat.* 364:332-338.
- 2019 Dingemans MML, Baken KA, Van der Oost R, Schriks M, Van Wezel A (2019) Risk-based approach in the revised EU drinking water legislation: opportunities for bioanalytical tools. *Integr. Environ. Ass. Man.* 15:126-134.
- 2019 Fischer A, Van Wezel AP, Hollender J, Cornelissen E, Hofman R, Van der Hoek JP (2019) Development and application of relevance and reliability criteria for water treatment removal efficiencies of chemicals of emerging concern. *Wat. Res.* 161:274-287.
- 2019 Faber A, Annevelink M, Schot P, Baken K, Schriks M, Emke E, De Voogt P, Van Wezel A (2019) Chemical and bioassay assessment of waters related to hydraulic fracturing at a tight gas production site. *Sci. Tot. Environ.* 690:636-694.
- 2019 Sjerps R, Kooij P, Van Loon A, Van Wezel A (2019) Occurrence of pesticides in Dutch drinking water sources.
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2019	<p>Chemosphere 235:510-518.</p> <p>Brack W, Ait-Aissa S, Backhaus T, Birk S, Barcelo Cullerés D, Burgess B, Cousins I, Dulio V, Escher BI, Focks A, Van Gils J, Ginebreda Marti A, Hering, Hewitt LM, Hilscherová K, Hollender J, Hollert H, Köck M, Kortenkamp A, López de Alda M, Müller C, Posthuma L, Schüürmann G, Schymanski E, Segner H, Sleenwaert F, Slobodnik J, Teodorovic I, Umbuzeiro G, Voulvoulis, Van Wezel A, Altenburger R (2019)</p> <p>Strengthen the European collaborative environmental research to meet European policy goals for achieving a sustainable, non-toxic environment. <i>Env Sci EU</i> 31:63.</p>
2019	<p>Munthe J, Lexén J, Skårman T, Posthuma L, Brack W, Altenburger R, Brorström-Lundén E, Bunke B, Faust M, Rahmberg M, Sleenwaert F, Slobodnik J, Van Gils J, Van Wezel A (2019)</p> <p>Increase coherence, cooperation and cross-compliance of chemicals and water regulations. <i>Env Sci EU</i> 31:64.</p>
2019	<p>Faust F, Altenburger R, Backhaus T, Dulio V, Van Gils J, Ginebreda A, Kortenkamp A, Munthe J, Posthuma L, Slobodnik J, Tollefsen KE, Van Wezel A, Brack W (2019)</p> <p>Prioritisation of water pollutants. The EU Project SOLUTIONS proposes a methodological framework for the integration of mixture risk assessments into prioritisation procedures under the European Water Framework Directive. <i>Environ Sci Eur</i> 31:66.</p>
2019	<p>Posthuma L, Backhaus T, Hollender J, Bunke D, Brack W, Müller C, Van Gils J, Hollert H, Munthe J, Van Wezel A (2019)</p> <p>Exploring the 'solution space' is key. SOLUTIONS recommends an early-stage assessment of options to protect and restore water quality regarding chemical pollution. <i>Env Sci EU</i> 31:73.</p>
accepted	<p>Narain-Ford DM, Bartholomeus R, Dekker S, Van Wezel A (accepted)</p> <p>Natural purification through soils: Risks and opportunities of sewage effluent reuse in sub-surface irrigation <i>Rev. Environ. Contam. Toxicol.</i></p>

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