

## Curriculum vitae

Name: Annemarie Pauline van Wezel  
Adress: Standerdmolen 1  
4133 ET Vianen  
Birth date: 3 February 1968  
Nationality: Dutch  
Marital status: Married, three children (1996, 1998, 1998)

Prof. dr. Annemarie van Wezel (MSc Biology, PhD environmental chemistry and toxicology) has 25 years of experience as scientific researcher in toxicology and chemistry, risk assessment, cost-benefit analysis and environmental policy evaluation. She published over 45 papers in peer-reviewed scientific journals, and numerous reports. She is experienced in working close to the political process and in interaction with press. She managed various large complex interdisciplinary research programs. She is well-experienced in successfully managing and building research groups up to ca. 60 people. She served as a program director on 'Environmental risks of nanochemicals' (7,5 Meuro) in the FES funded NanonextNL, and leads the consortium 'Shalegas and Water' (1,8 Meuro) funded by NWO/ALW and water utilities. She is a member of the Dutch Board on authorization of plant protection products and biocides, and of the Dutch Health Council. She is serving as a chair (by picket) for the Crisis Expert Team for environmental and drinking water incidents. She currently serves as a principal scientist and professor on Water quality and health at KWR Watercycle Research Institute and Utrecht University.

## Education:

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  
1986-1991: Biology, Utrecht University  
1980-1986: Atheneum B, Koning Willem II, Tilburg

## Work experience:

2007-current: KWR Watercycle Research Institute (KWR), Nieuwegein.  
Since July 2013 principal scientist and professor on Water quality and health at KWR and at Utrecht University, Faculty of Geosciences, Copernicus Institute of Sustainable Development.  
Board member KWR, Manager Water Quality and Health (2010-2013), 56 employees in 4 teams (Microbiological research Group, Microbiological laboratory, Chemical/Toxicological researchers, Analytical chemical laboratory). Created turnover increase and growth in productivity, scientific development and broadening on the scope of Water Quality and Health, and internationalization of the teams. Team leader Chemical Water Quality and Health, KWR Watercycle Research Institute (2007-2010). Expanded the group from 22 to 32 researchers and analytical chemists, coordination of research program of the Dutch water utilities on the field of Chemical water quality and health, and project management.

2002-2007: Policy researcher at the Planning bureau for Environment and Nature (MNP, now Netherlands Environmental Assessment Agency PBL), Bilthoven. Team leader Sustainable Rural Areas (2002-2004), projectleader integral MNP projects (2004-2007, Environmental Balance, Environmental Outlook, Evaluation election programs, Evaluation governmental agreement etc.).

1997-2001: Researcher at the National Institute for Public Health and the Environment (RIVM), Centre for Substances and Risks, Bilthoven. Environmental quality standards for substances, Risks in relation to soil quality. Member of various interdepartmental working groups.

- 1994-1997: Projectleader ecotoxicology at the National Institute for Coast and Sea (RIKZ, nowadays Deltares), The Hague.
- 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).

#### **Work-related additional functions:**

- 2017-current: Member Stichting International Water Conferences
- 2016-current: Member Dutch Health Council, Member Committee Signals Health and Environment
- 2016-current: Member Scientific Advisory Council KIBO (Knowledge and Innovation Program for soil and subsoil)
- 2014-current: Several preparation committee memberships for NWO calls (License to Operate call ALW, Topsector Water Call NWO/ALW, Topsector Water Call CEC STW)
- 2014-current: Member of the Dutch Board on Authorization of Plant Protection Products and Biocides (CTGB)
- 2014-current: Chair (by picket) of Crisis Expert Team for environment and drinking water (CETmd)
- 2014-current: Member board Postdoctoral Education on Toxicology
- 2014-current: Member Editorial Board 'Reviews of Environmental Contamination and Toxicology' (Springer)
- 2013-current: Several NWO Jury memberships (STW open innovation program, STW Water technology call, Veni-committee 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)

#### **Media**

Selection interviews in newspapers, radio and television;

- Radio 1: in reactie op 'Drinkwater raakt op' (Oct 3 2012)
- National Geographic: Behind the Science – Drugsriolen (2013)
- BNR Duurzaam: Modernisering milieubeleid (March 24 2014)
- Reporter radio; Medicijnen in het water, hoe halen we ze eruit? (October 5, 2014)
- Waterspiegel; Risico's schaliegaswinning (September 2015)
- Impact (STW magazine); Plastic soep in de sloot (Oktober 2015)
- Reporter radio; Code droogte (November 29, 2015)
- C2W; Vissen naar minuscuul plastic (November 27, 2015)
- RTV Utrecht, Westbroek! Plastic (March 2016)
- Radio 1: Wederom tonnen drugsafval gevonden in Nederlands rioolwater (May 31, 2016)
- Een vandaag; Drugsgebruik Oudewater zorgwekkend (June 15, 2016)
- NOS Journaal & Radio 1 & NOS on-line; Risico's van Industriële lozingen (nav GenX) (April 14, 2017)
- AD; Chemie heeft vrij spel (April 22, 2017)
- RTL Nieuws; Veilige drinkwaterproductie (April 21, 2017)
- Trouw; Is plastic de oplossing in de strijd tegen microplastic uit de wasmachine? (Ma7 16, 2017)

#### **Grants (2008 onwards)**

- 2008-2012: Joint Research Programme Dutch drinking water sector, program Chemical water quality (~1,3 Meuro/yr)
- 2011-2016: NanonextNL FES, program director Environmental risks (7,5 Meuro)

- 2013-2018: SOLUTIONS, FP7, WP leader 'Innovative toxicant management', member coordination committee (total 12 MEuro)
- 2015-2020: KWR/ALW program 'Shale gas & water' (1,8 mEuro)
- 2015-2020: co-leader STW program Technologies for risk assessment for microplastics (0.95 mEuro)

### PhD committees

- Ilona Velzeboer – Implications of nanoparticles in the aquatic environment (WUR 2014)
- Isabel O'Connor – Modelling the oral uptake of chemicals: the role of plastic, passive diffusion and transport proteins (RUN 2014)
- Yi Chen – Sorption behavior and acute toxicity of cationic surfactants in the aquatic environment (UU 2014)
- Petra Booij - Toxic pressure of chemical stressors in the Dutch estuarine en coastal waters affecting pelagic microalgae (VU 2014)
- Anastasia Georgantzopoulou - Effects of Ag Nanoparticles (Ag NPs) on model aquatic organisms (WUR 2015)
- Denise Montagne – Modeling personal exposure to traffic related air pollutants (UU 2015)
- Andrii Butovskyi -Micropollutant Removal in Source Separated Sanitation (WUR 2015)
- Bram Martijn – Impact of the water matrix on the effect and the side effect of MP UV/H<sub>2</sub>O<sub>2</sub> treatment for removal of organic micropollutants in drinking water production (WUR 2015)
- Colette Bos - Articulation: how societal goals matter in nanotechnology (UU 2016)
- Aleksandra Jedynska - Spatial variations and development of land use regression models of PAH, EC/OC, levoglucosan and oxidative potential of PM<sub>2.5</sub> in European study areas (UU 2016)
- Rik Oldenkamp - Uncertainty and variability in environmental risk assessment of human pharmaceuticals (RUN 2016)
- Pita Spruijt – Expert views on scientific policy advice on complex environmental health issues (UU 2016)
- Lisette de Hoop – Evaluating chemical exposure and effect models for aquatic species with a focus on crude oil constituents (RUN 2016)
- Sunday Makama – An in vitro – in vivo integrated approach for hazard and risk assessment of silver nanoparticles for soil organisms (WUR 2016)
- Andrea Carboni - Fullerene Nanoparticles in Soil: Analysis, Occurrence and Fate (UvA 2016)
- Arjen Markus– Release, transport and fate of engineered nanoparticles in the aquatic environment (UvA 2016)

### BAC committee

Chair 'Integrated Environmental Modeling', Faculty Management, Science & Technology, Open University

### Publications in peer-reviewed international journals (H-factor 23, Scopus)

- Belfroid, A., Van Wezel, A., Sikkenk, M., Van Gestel, K., Seinen, W., Hermens, J. (1993) The toxicokinetic behavior of chlorobenzenes in earthworms (*Eisenia andrei*): Experiments in water. *Ecotox. Environ. Saf.* 25: 154-165.
- 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.
- Van Wezel, A.P., Punte, S.S., Opperhuizen, A. (1995) Lethal body burdens of polar narcotics: chlorophenols. *Environ. Tox. Chem.* 14: 1579-1585.
- 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.
- 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.
- Van Wezel, A.P., De Vries, D.A.M., Kostense, S., Sijm, D.T.H.M., Opperhuizen, A. (1995) Intraspecies variation in lethal body burdens of narcotic compounds. *Aquat. Toxicol.* 33: 325-342.
- 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.

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.* 19:2140-2153.
- 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.
- Van Wezel, A., Vegter, J. (2001) Human health and ecological considerations in contaminated land management. CLARINET, Vienna, Austria.
- 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.
- 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.
- Van Wezel, A.P., Jager, T. (2002) Comparison of two screening level risk assessment approaches for six disinfectants and pharmaceuticals. *Chemosphere* 47:1113-1128.
- Van Wezel, A.P., Van Vlaardingen, P. (2004) Environmental risk limits for antifouling substances. *Aquat. Toxicol.* 66:427-444.
- 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 (10); pages 2518-2527
- 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
- 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. Biogeography* 32:1775-1790
- Van Wezel, A.P.; Kruitwagen, S.; Maas, R. (2006) Policy profile: How Dutch environmental policy contributes to meet European environmental standards; Dutch Environmental Balance. *European Environment* 16:45-52
- 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.

- 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.
- Schriks, M.; Heringa, M.B.; Van der Kooij, M.; De Voogt, P.; Van Wezel, A.P. (2010) Toxicological relevance of emerging contaminants for drinking water quality. *Water Res.* 44:461-476.
- 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.
- Ter Laak, T.L.; Van der Aa, M.; Houtman, C.J.; Stoks, P.G.; Van Wezel, A.P. (2010) Relating environmental concentrations of pharmaceuticals to consumption: A mass balance approach for the river Rhine. *Environ. Int.* 36:403-409.
- 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.
- 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. *Water Research* 45: 1515-1517.
- 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
- 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.
- 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.
- 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. *Water Resources Management* 26:2177-2197.
- 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.
- 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.
- 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. *Environ. Int.* 55: 109-118.
- Van de Vossenbergh, 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.
- 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)

- 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
- Brack W, Altenburger R, Schüürmann G, ; Martin Krauss; Jos van Gils; Jaroslav Slodobnik; 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. *Science of the Total Environment* 503-504:22-31.
- 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.
- 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
- 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.
- 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.
- 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? *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, Rüdell H, Schäfer RB, Sengl M, Smedes F, Van de Meent D, Van den Brink PJ, Van Gils J, Van Wezel AP, Vethaak 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.
- 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. *Environmental Sciences Europe* 29:13.
- 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.
- Kooi M, Besseling E, Kroeze C, Van Wezel AP, Koelmans AA (accepted) 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.

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.

### **Publications in Dutch professional journals**

Van Wezel, A., Kalf, D. (2000) Niet prioritair, wel risicovol; Niet-prioritaire stoffen met milieugevaarlijke potentie. Lucht, 17:89-91.

Van Wezel, A.P., Lijzen, J., Crommentuijn, T. (2002) Inhoudelijke evaluatie van de Interventiewaarden bodemsanering. Bodem:30-33.

Van Wezel, A., Rood, T., Wesselink, B. (2003) Landbouw en het landelijk gebied, Milieubalans 2003. Landschap 20/4.

Van Wezel, A.P., Van Grinsven, J.J.M., Breure, A.M. (2003) Bodemkwaliteit mee aan het stuur in ordening en beheer van landgebruik. Bodem:8-11.

Franken, R., Van Wezel, A., Cleij, P. (2004) Milieu- en natuurverbetering reconstructie valt tegen. Kool, geit en varken gespaard. Arena, 10:142-144.

Van Wezel, A., Kruitwagen, S. (2005) Hoofdpunten uit de Milieubalans 2005. EU-eisen maken aanvullend Nederlands beleid noodzakelijk. Arena, 11:8-9.

Tiktak, A., Van Wezel, A.P. (2005) Ex ante evaluatie beleidsbrief bodem. Bodem 15

Nijland, H.; Van Wezel, A. (2006) Voluit gaan voor technologie en samenwerking. Milieu 3

Franken, R.; Van Wezel, A. (2007) Baten bodemsanering boven tafel. Milieu 3

Hulsmann, A.; Medema, G.; Van Wezel, A. (2007) Betekenis van ontwikkelingen in 'Brussel' voor Nederlandse waterleidingbedrijven. H2O, 17:14-15.

Puijker, L.; Van Leerdam, T.; Van Wezel, A. (2008) Chemische screening van grondwater voor drinkwaterbereiding. H2O 18:43-46.

Bonte, M.; Van den Berg, G.A.; Van Wezel, A.P. (2008) Bodemenergiesystemen in relatie tot grondwaterbescherming. Bodem 5:22-26.

Oenema, O.; Van Wezel, A.P. (2008) Bodem en voedsel: Wat dragen bodemkundigen bij? Bodem 6:5-11.

Van der Oost, R.; Heringa, M.; Van Wezel, A. (2009) Toxiciteit stofmengsels in drinkwater naast stofgericht ook effectgericht beoordelen. H2O 7:37-39.

Medema, G.; Rietveld, L.; Versteeg, P.; Van Wezel, A. (2009) Japan en Nederland wisselen waterkennis uit. H2O 42:6-7.

De Voogt P.; Puijker, L.; Vink, C.; Van Wezel, A. (2009) Smaak- en geurdrempels van benzine-additieven en voorkomen in waterwingebieden. H2O 42,46-47.

Schriks M.; Van der Kooi, M.M.E.; Heringa, M.; Van Wezel, A. (2009) Gezondheidskundige evaluatie van "nieuwe stoffen" in grond- oppervlakte- en drinkwater. H2O 42:29-31.

De Jongh, C., Mons M., Van Wezel A. (2010) Resultaat onderzoek relatie calcium en magnesium in drinkwater en hart- en vaatziekten. H2O 43:43-45.

Van Leeuwen, C.J., Frijns, J., van Wezel, A., van de Ven, F. (2012) Duurzaamheid stedelijke waterketen af te leiden uit 24 indicatoren. H2O 44, p.35-38.

De Jongh, C., Van Wezel, A. (2012) Toepassing DALY-concept voor chemische verontreinigingen in drinkwater beperkt. H2O 45, p.48-49

Van Wezel, A., Schriks, M. (2014) Discussie rond beoordeling hormoonverstorende stoffen. H2O online, mei 2014

Coppens L, Van Gils J, Ter Laak T, Raterman B, Van Wezel A (2014) Impact van rwzi's op geneesmiddelconcentraties in kwetsbaar oppervlaktewater. H2O online, november 2014

Sjerps R, Vughs D, Van Leerdam T, Ter Laak T, Van Wezel A (2015) 'Suspect screening' voor datagestuurde prioritering van stoffen in (bronnen van) drinkwater. H2O online, april 2015

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