

## Curriculum vitae

Name: Annemarie Pauline van Wezel  
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Prof.dr. Annemarie van Wezel (1968, MSc Biology UU, PhD environmental chemistry and toxicology UU) is a recognized environmental scientist and academic leader. Main research topics are related to chemical and ecological water quality and health. She was granted many national and international projects in which she often works inter- and transdisciplinary combining environmental sciences with earth sciences, law, innovation, engineering, ecology and/or chemistry. She is interested in the science-to-policy interface, in scientific outreach and in engagement with end-users of knowledge. Next to various positions servicing policy-making and academic funding, she holds the chair Environmental Ecology and is Scientific Director of IBED (Institute for Biodiversity and Ecosystem Dynamics) at the University of Amsterdam.

### Work experience:

2019-current: Institute for Biodiversity and Ecosystem Dynamics (IBED), University of Amsterdam  
Scientific Director (~170 fte), chair Environmental Ecology

I implemented the reorganization from 9 chair groups into 4 research departments, and from various PI-related laboratories to one shared facility for the institute in which now a computational support unit is installed.

Furthermore in this period a new strategy was drafted, research evaluation was successfully performed, 10 full and endowed chairs were installed as well as 3 Honorary Fellows, and new funds were raised for large scientific infrastructure (ARISE, LTER-LIFE) and for permanent staff members based on sectorplan (AMW&Bio), OC&W Quality funds, van Meenen funds and the UvA FNWI McGillavry fund. I designed the Molecular and Material Design Technology Hub of the FNWI, and was board member of UvA's Institute for Advanced Studies (IAS).

2013-2018: Copernicus Institute of Sustainable Development, Utrecht University  
Endowed professor Water Quality and Health

2007-2018: KWR Water, Nieuwegein  
Chief Science Officer, Board member, Team leader, Crisis management (CET-md, LLNTA)

2002-2007: Netherlands Environmental Assessment Agency (currently PBL), Bilthoven  
Project leader, Team leader

1997-2001: National Institute for Public Health and the Environment (RIVM), Bilthoven  
Researcher

1994-1997: National Institute for Coast and Sea (currently Deltares), The Hague  
Project leader

1991-1994: RITOX (currently Institute of Risk Assessment Sciences), Utrecht University  
PhD thesis 'Residue-based effects of narcotic chemicals in fish and lipid bilayers' (1995).

**Current ancillary functions:**

My work-related ancillary functions mainly relate to strengthening the science-to-policy interface, to large scientific research infrastructures, and to organizing the field of Earth and Environmental Sciences.

- 2024-current: Scientific Supervisory Board RIVM
- 2024-current: Wageningen Research Committee related to TO2 Evaluation 2024-2025
- 2024-current: Scientific Sounding Board National Environment Program (Ministry of Infrastructure and Water)
- 2023-current: Advisory Committee Facilities for Applied Research
- 2022-current: Advisory Board of the Biodiversa+ European Partnership
- 2021-current: Scientific Advisory Board Naturalis
- 2020-current: Science Committee Netherlands Institute of Ecology (NIOO-KNAW, chair)
- 2020-current: Board for Earth and Environmental Sciences
- 2020-current: Permanent Committee Large-scale Scientific Infrastructure (PC-GWI NWO)
- 2019-current: Netherlands Ecological Research Network (NERN)
- 2019-current: Associate editor Frontiers in Environmental Science: Toxicology, Pollution and the Environment
- 2016-current: Dutch Health Council;  
Committee Signals Health and Environment (from 2016)  
Standing Committee (from 2021)  
Dutch Expert Commission on Occupational Safety (DECOS, from 2025, chair)  
Presidium Committee (from 2025)
- 2014-current: Dutch Board on Authorization of Plant Protection Products and Biocides (CTGB, vice-chair)
- 2014-current: Supervisory Board Postgraduate Education in Toxicology (chair)
- 2014-current: Editorial Board Reviews of Environmental Contamination and Toxicology (Springer)
- 2013-current: Several NWO, ERC, FWO, FORMAS jury memberships and call committee memberships

**Education:**

- 2019-2020: Program Academic Leadership, University of Amsterdam
- 2019: Basic Qualification Teaching (BKO), University of Amsterdam
- 2010-2011: Cranfield General Management Program
- 2005-2006: Masterclasses strategic management, Netherlands School of Public Administration (NSOB)
- 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

**Grants**

Since I came to UvA in 2019, I raised 6,89 million Euro for projects related to my chair at UvA (excluding matching) from external funds. See the full list of grants in the appendix attached, mostly related to transdisciplinary consortia with important roles for stakeholders.

## Supervision PhDs and PDs

Ann-Helene Faber (UU), promotor, thesis 'Chemical risk assessment of hydraulic fracturing in relation to water resources', UvA 2024

Svenja Mintenig (UU), promotor, thesis 'Quantifying the Invisible - Micro- and Nanoplastics in the Urban Water Cycle' UU 2021

Merel Kooi (WUR), co-promotor, thesis 'Environmental microplastics properties, exposure and risk' WUR 2022

Valentin de Gussem (UU), stopped due to health issues

Dominique Narain (UU), promotor, thesis 'Water is too precious to waste. Trade-offs of sewage effluent reuse in agricultural sub-surface irrigation', UvA 2023

Joanke van Dijk (UU), promotor, thesis 'Towards a Safe and Sustainable Future. Mitigating environmental pollution across the chemical life-cycle', UU 2023

Mohammad Sadia (UvA), promotor, thesis 'PFAS from source to tap; Analyzing PFAS in the drinking water cycle and ensuring safe consumption', UvA 2024

2019-current Rick Helmus (UvA, promotor, combined with work as technician)

2020-current Charlie Davey (UvA), promotor, Psychopharmac'eau (NWO TTW)

2020-current Viktoria Licul-Kucera (Fresenius/UvA), promotor, PERFORCE3 (ITN)

2020-current Lia Corbett (NIOZ), Nanoplastics: Origin, Structure, and Fate (NWO, promotor)

2021-current Harry Boonstra (external PhD Wetterskip Fryslan, promotor)

2021-current Maria Hayder (UvA, promotor)

2021-current Alessia Ore (WUR), AquaConnect (NWO TTW, promotor)

2021-current Jan Specker (UvA), AquaConnect (NWO TTW, promotor)

2021-current Ionna Gkika (UvA, co-promotor) NWO Exposure, hazard and risk of PFAS in aquatic and terrestrial ecosystems)

2021-current Xylar Xie (VU, co-promotor, NWO Exposure, hazard and risk of PFAS in aquatic and terrestrial ecosystems)

2022-current Anniek Gielen NWO-ORC DARTBAC (UvA, promotor)

2023-current Matthias Hof (UvA, ToxDown, co-promotor)

2023-current Bianca Stadelmann, TOSS (NWO NWA, UvA, promotor)

2024-current Max Verweg, Biodiverse Quay Walls (Growth Fund Toekomstbestendige Leefomgeving, UvA, promotor)

2024-current Xander Becking, WaterPatRoon (Dutch water utilities, UvA, promotor)

2025-current Oswin van der Scheer, Palus Demos (EU HORIZON, UvA, promotor)

### *Postdoc supervision*

2022-2024: Iris Pit (Rubicon)

2023-2024: Olga Bernadet (NWO-NWA Blue Route)

2024-current: Caixia Wei (NWO AquaConnect)

2024-current: Elmar Becker (Biodiversa+ DESTRESS)

2024-current: Rachel London (NWO Benign Synthesis)

2020: Honorary promotor of prof J Rockström at the University of Amsterdam 2020

### **Contribution to education**

At UvA/FNWI, education is organized via a matrix organization with education institutes separated from the research institutes (amongst which IBED). I supervise plans for education within IBED, advised by our Advisory Committee for Teaching and Education, and take part in the Faculty cluster Education in Earth and Life sciences and the cluster Interdisciplinary Education, in which strategic discussions on education take place on Faculty level. Examples of my involvement are the formation of the BSc Science Technology & Innovation, the restructuring of the MSc Earth Sciences and the current discussion on education efficiency and the role of docents versus assistant/associate/full professors.

Furthermore, I contribute via lecturing to BsC; courses in Biology, Future Planet Studies and Chemistry curricula; Water Quality, Challenges for the blue planet, Challenges for Freshwater and Marine Ecology.

MsC; courses in Biology, Earth Sciences and Chemistry curricula; Environmental Chemistry, Forever Chemicals.

I supervise, assess and examine individual literature theses and research theses (primarily MsC), approximately 10 per academic year.

### **Publications in peer-reviewed international journals**

I published 116 papers, 52% of which as last author, and 40% as a result of international cooperation. I published in many fields but mostly environmental science. My H-factor is 41 (Scopus), FWCI 2,69, I am an international top 2% scientist (Stanford list) related to the fields of environmental science, environmental engineering and earth & environmental science. See full peer reviewed publication list in the appendix attached.

### **Media**

I serve on regular basis in public media (both radio, TV, newspapers), around 15 times per year. See list of recent 5 years in the appendix attached.

### **PhD committees**

I also serve on regular basis in PhD thesis evaluation and opposition committees, at UvA, nationally and more incidentally also internationally, in total around 9 committees per year. See full list in the appendix attached.

### **Appointment Advisory Committee (outside UvA)**

Integrated Environmental Modeling, Faculty Management, Science & Technology, Open University 2017

Global Ecohydrology and Sustainability, Copernicus Institute, Utrecht University 2019

Director NIOO, KNAW 2019-2020

TT evaluation WUR 2019

Professor Ecotoxicology RWTH Aachen 2021

Professor Human and Ecological Risk Assessment, Radboud University 2021

Professor Water Technology and Metropolitan Solutions, WUR 2022/2023

TT evaluation Stockholm University 2023

Professor evaluation Stockholm University 2024

Director NIOO, KNAW 2024/2025

Professor evaluation RWTH Aachen 2025

## Appendix to CV van Wezel

### Grants acquired

- 2011-2016: program director program Environmental risks NanonextNL FES (7,5 Meuro)
- 2013-2018: SOLUTIONS, FP7, WP leader 'Innovative toxicant management', (total 12 mEuro)
- 2015-2020: main applicant KWR/ALW program 'Shale gas & water' (1,8 mEuro)
- 2015-2020: co-applicant STW program TRAMP Technologies for risk assessment for microplastics (0,95 mEuro)
- 2017-2021: co-applicant TTW program EMERCHE; Effect-directed Monitoring tools to assess Ecological and human health Risks of CHEMicals of Emerging concern in the water cycle (0,68 mEuro)
- 2018-2022: co-applicant ALW program RUST; Re-USE of Treated effluent for agriculture (0,7 mEuro)
- 2018-2021: co-applicant ITN Ecorisk (3,6 mEuro)
- 2019-2022: co-applicant ITN PERFORCE3, Lead of WP1, Analytical tools and exposure science (4,1 mEuro, 0.36 for UvA)
- 2020-2030: co-applicant NWO Large Scientific Infrastructure; Authorative and Rapid Identification System for Essential biodiversity information (ARISE) (18,6 mEuro, 3,7 for UvA)
- 2020-2025: main applicant NWO Pschycopharmac'eu (0,9 mEuro, 0,5 for UvA)
- 2021-2026: co-applicant NWO Perspective AQUACONNECT (6,4 mEuro, 0,7 mEuro for UvA)
- 2022-2024: UvA project leader NWO Rubicon Iris Pit 'Synthetic chemicals as a cause of biodiversity loss' at ACES Stockholm (0,24 mEuro)
- 2022-2024: co-applicant NWO-NWA Blue Route; Towards clean and sufficient water for anthropogenic use and ecology
- 2023-2027: main applicant NWO program TOSS: Putting into Practice Integrated TOols to Select and Produce Safe and Sustainable alternatives for problematic Persistent and Mobile Toxic Substances (0,9 mEuro, 0,48 for UvA)
- 2023-2027: main applicant NWO program BenignSynthesis (0,43 mEuro for UvA)
- 2023-2027: co-applicant EU Biodiversa DESTRESS (DEciphering temporal trends and safe operating spaces for river biodiversity within the context of multiple STRESSors, 0,27 mEuro for UvA)
- 2023-2027: co-applicant NWO-ZONMW Momentum (Development and harmonization of pyrolysis GC-MS methods for the identification and quantification of micro- and nanoplastics, 0,3 mEuro)
- 2024-2029: co-applicant National Growth Fund 'Future-proof living environment', responsible for WP Biodiversity in Multifunctional Quay Walls (0,43 mEuro for UvA)
- 2024-2029 co-applicant EU Horizon PALUS DEMOS (0,43 mEuro for UvA) on paludiculture demonstration sites for new agricultural business models, reduced GHG emissions, improved biodiversity and water quality

### Full publication list

- 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.
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- 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.
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- 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.
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- 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.
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- 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 biphenyls 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.

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In review:

- Licul-Kucera V, Van Wezel A, Arp HP, Ter Laak T (submitted) Determining the temperature-dependent air-water partitioning of ether- and thioether-alcohol PFAS using a modified static headspace method
- Bijlsma L, Campos-Mañas M, Hernández F, De Rijke E, De Voogt P, Van Wezel A, Fabregat-Safont D (submitted) Burden by bulbs: assessment of human exposure to pesticides near flower bulb fields through wastewater surveillance. *J Haz Mat*

### **Public media (last 5 years)**

- Trouw; Uw wasmachine spoelt niet alleen vuil door het riool, ook microplastic gaat zo naar de zee (Januari 2019)
- Reporter radio; Waterkwaliteit schiet nog te kort (Februari 10, 2019)
- C2W; Eindeloos tot grondstof wederkeren. In de circulaire economie is een afvalproduct ook weer uitgangspunt (April 11, 2019)
- Volkskrant; Een druppel olie maakt een drinkwaterbron honderd jaar onbruikbaar – Klopt dit wel? (April 26, 2019)
- Trouw; Thuis kraanwater filteren is totaal onnodig, vinden de experts (May 21, 2019)
- AD; Chemische stofjes in drinkwater aangetroffen: ‘Bronnen beter beschermen’ (September 8, 2019)
- Trouw; Hoe kwetsbaar is onze drinkwatervoorziening? (September 12, 2019)
- C2W; Zorgen en frustratie rond fluorvervuiling (Oktober 23, 2019)
- NRC; Je hóéft niet alles plat te leggen ((Oktober 29, 2019)
- Nieuwsuur; Dweilen met kraan open (Oktober 30, 2019)

- NPO Radio 1; UvA doet onderzoek naar het neerslaan van stikstof (October 11, 2019)
- Met het oog op morgen; PFAS-norm versoepeld (November 28, 2019)
- NRC; De impact van PFAS is nog steeds lastig meetbaar (November 30, 2019)
- NPO; Radio 1 en NOS; PFAS-uitstoot Chemours flink omlaag, 'maar op 95 procent is weinig zicht' (December 5, 2019)
- Volkskrant; Tata loost gif en de overheid vindt het goed (December 7, 2019); Rijkswaterstaat gaf Tata Steel ruimere normen bij lozen giftige stoffen (December 7, 2019)
- Bionieuws; Weeg maatschappelijk belang mee in toelating (December 14, 2019)
- Kennislink; 7 vragen over PFAS (December 17, 2019)
- Technisch Weekblad; Hoe PFAS de bouw- en baggersector verlamde (January 14, 2020)
- Nieuwsuur; Amsterdam wil verhuurder kunnen dwingen loden leidingen te vervangen (January 24, 2020)
- GGZtotaal; Hoe halen we psychofarmaca uit het oppervlaktewater? (January 29, 2020)
- NRC; Loden last? Vijf vragen over lood en drinkwater (January 31, 2020)
- RTV Oost; Uitgelekte cijfers stikstofonderzoek Mesdag Zuivelfonds niet gebaseerd op cijfers van de Universiteit van Amsterdam (February 19, 2020)
- Reporter Radio; Europees parlement neemt nieuwe stap tegen medicijnresten in het milieu (March 8, 2020)
- Trouw; Unieke megaklus: wetenschappers gaan alle planten, dieren, schimmels en algen in Nederland identificeren (May 1, 2020)
- NRC; Hoeveel leed het schuursponsje aanricht, is onduidelijk (May 7, 2020)
- Parool; Pieter Pot bezorgt je boodschappen volledig plasticvrij (May 25, 2020)
- Trouw; We willen naar een gifvrij milieu, maar verboden stoffen blijven op de markt komen (Dec 18, 2020)
- Volkskrant; Steeds minder afval op Nederlandse stranden (Feb 19, 2021)
- Trouw; De kat kan op schoot, maar het vlooiengif mag wel wat minder (March 31, 2021)
- NRC; Onkruidverdelger Roundup doodt ook hommels (April 8, 2021)
- Radio 1 journaal; Strengere regels nodig om verspreiding schadelijke PFAS-stoffen in te dammen (June 5, 2021)
- Volkskrant; Uitspraak rechtbank Noord-Nederland heeft mogelijk grote gevolgen voor gebruik pesticiden nabij natuurgebieden (June 24, 2021)
- Een Vandaag; Bestrijdingsmiddelen alleen apart van elkaar getest, maar niet samen: experts maken zich zorgen (June 24, 2021)
- Een Vandaag; Bestrijdingsmiddelen in een derde van de drinkwaterbronnen in Nederland boven de norm (June 30, 2021)
- AD; Lucht, bodem en water: hoe schoon of vervuild is Oost-Nederland (August 17, 2021)
- Volkskrant; Het kraanwater is al schoon (October 23, 2021)
- Volkskrant; Waterkwaliteit vrijwel overal in Nederland ondermaats: nieuw 'stikstofachtig debacle' dreigt (November 18, 2021)
- Volkskrant; De 21 meest bijzondere wetenschapsbeelden van 2021 – Wat doet die rommel hier? (December 24, 2021)
- KRO/NCRV – Podcast 'De Oplossers'- #3 Water (December 24, 2021)
- Trouw; Gebruik de natuur voor herstel van het klimaat (April 25, 2022)
- Bionieuws; Waar gaat het mis met de Nederlandse waterkwaliteit? (May 14, 2022)

- NOS; Rivieren lijden onder kleurrijke mode, dus biokleur moet helpen (May 15, 2022)
- Chemiemagazine; Hoe pas je safe and sustainable by design toe? (May 31, 2022)
- Universiteit van Nederland; Hoe giftig is jouw koekepan? (June 29, 2022)
- AD/De Stentor; Weg met PFAS, maar dat is makkelijker gezegd dan gedaan (July 2, 2022)
- RTLnieuws; Sloten, plassen en rivieren ernstig vervuild (July 2, 2022)
- NRC; Kwaliteit Nederlandse wateren is slecht en verbetert bijna niet (July 24, 2022)
- NRC; Na de stikstofcrisis volgt straks ook de waterkwaliteitscrisis (July 24, 2022)
- NRC; PFAS-concentraties blijken óveral ter wereld te hoog (August 5, 2022)
- Trouw; Ga niet weer twijfel zaaien, aan die stikstofdoelen valt echt niet te ontkomen (August 22, 2022)
- SPUI magazine; Als wetenschappers en boeren samenwerken (September 2022)
- BNR Duurzaam; Nederlands water nog te vaak vieze derrie (September 12, 2022)
- De Ingenieur; Komen we toch nog van PFAS af? (September 2022)
- Radar; Een pan 'PFOA-vrij'? Klinkt goed maar experts vinden het misleidend (October 18, 2022)
- Pointer; De vervuiler betaalt minder (November 6, 2022)
- Een Vandaag; Regels voor gifstoffen in compost moeten scherper en beter, zeggen deskundigen (December 1, 2022)
- ND; Eindelijk: Kuipers bij PFAS-debat (February 2, 2023)
- Folia; UvA-moratorium vertraagt energietransitie en is inbreuk op academische vrijheid (February 13, 2023)
- RTLnieuws; Zo hardnekkig is PFAS: aangetroffen in bloed honderden diersoorten (February 23, 2023)
- Nederlands Dagblad; Hoe houd je PFAS buiten de deur (en uit je lijf)? (March 18, 2023)
- Nieuws en co; Nieuwe methode om PFAS te verwijderen (March 23, 2023)
- Met het oog op morgen; Wat doen 'forever chemicals' op de bodem van de Stille Oceaan? (April 21, 2023)
- Argos; Op zoek naar de PFAS-lozers in de Maas (June 3, 2023)
- Radio 1; PFAS, Hoe komen we er vanaf (September 7, 2023)
- Follow the Money; Het verborgen PFAS-probleem waaraan niemand iets doet (September 11, 2023)
- Op1; Een grote groep verontruste bewoners over chemiebedrijf Chemours (September 27, 2023)
- NRC; Stemming over omstreden pesticide glyfosaat eindigt in impasse. Waarom gaat de EU niet mee met het advies? (October 13, 2023)
- FD; Hij spoot jarenlang PFAS op zijn land: 'Ik had dit willen weten' (February 22, 2024)
- Telegraaf; Frans bronwater niet zo zuiver als beloofd: soms doodgewoon kraanwater (February 23, 2024)
- EenVandaag; Waarom er een massaclaim komt tegen de staat vanwege PFAS (March 16, 2024)
- BNR Big Five; We zien wereldwijd ziektepatronen die we voorheen niet zagen (March 20, 2024)
- NRC; Te veel chemicaliën in het water (April 10, 2024)
- Radio 1; Overschrijdingen normen voor waterkwaliteit (April 10, 2024)
- EenVandaag; Kwaliteit oppervlaktewater bijna over ondermaats (April 10, 2024)
- Pointer; PFAS in de provincie (May 4, 2024)
- Human; Wat houdt ons tegen? Zuiver water (June 26, 2024)
- AD; Waarschuwing: hoge concentratie anti-muggenmiddel met DEET is vervuilend voor zwemwater (June 27, 2024)
- RTLNieuws; Overheid waarschuwt voor PFAS in zeeschuim: 'Laat kinderen er niet in spelen' (July 24, 2024)



- Trouw; Houd je met de biologische appel of peer PFAS buiten de deur? (July 25, 2024)
- NRC; PFAS in zeeschuim: een onzeker gevaar dat goed is te vermijden (July 26, 2024)
- RTLNieuws; Tuinder in Westland loost 6000 keer de norm van giftig bestrijdingsmiddel (August 15, 2024)
- Algemeen Dagblad; In Nederland waterland is water te vies: Europese normen worden lang niet gehaald (September 7, 2024)
- Bionieuws; Kan de stikstofnorm niet wat omhoog? (September 13, 2024)
- NRC; Schadelijke stoffen? Dat bepaalt de tankreiniging zelf wel (September 20, 2024)
- Folia; Gaat de uitspraak van de rechter zorgen voor minder schadelijke pesticiden? (January 29, 2025)

### **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 Butovskiy, 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)
- Joris Meesters, Environmental exposure modeling of nanoparticles (RUN 2017)
- Ellen Besseling, Micro- and nanoplastic in the aquatic environment - from rivers to whales (WUR 2018)
- Julia Tavitie, Wastewater treatment plants as pathways of microlitter to aquatic environment (Aalto University 2018)
- Maria Hoppe, Oligomers in polyester-type food contact polymers: Identification and migration studies (UvA 2018)
- Chimere Ohajinwa, Environmental and health impacts of informal e-waste recycling (UL 2018)

- Jort Hammer, Linking molecular interactions to environmental properties of surfactants (UU 2019)
- Yuli Ekowati, Protection of public health from microbial and chemical hazards in swimming pool environments (UU 2019)
- Vittorio Albergamo, Polar organic contaminants in natural drinking water sources and their removal by reverse osmosis (UvA 2019)
- Ciska Overbeek, Peat formation on a former landfill. Production and decomposition of aquatic pioneer vegetation (UvA 2019)
- Paula Dos Reis Oliveira , The landscape drives the stream; unraveling ecological mechanisms to improve restoration (UvA 2019)
- Mariska Schimmel, Effects of pore fluid chemistry on compaction of sand and sandstone reservoirs: From experiments to potential applications and associated risks (UU 2019)
- Amir Arastehfar, Development of fungi identification tools and evaluation of microbiological and clinical profiles of *Candida* species from Iran (UvA 2019)
- Baptiste Poursat, Implications of microbial adaptation for the persistency assessment of organic chemicals (UvA 2020)
- Thomas Wagner, Removal and transformation of conditioning chemicals in constructed wetlands treating cooling wastewater (UvA 2020)
- Niels Timmer, Improving risk assessment of cationic surfactants. Overcoming the challenges in analytical determination, cell-based toxicity assays, and biodegradability testing (UU 2020)
- Ke Gao, Sexual selection in a dynamic world. The causes and consequences of variation in sexual signals and responses (UvA 2020)
- Michael Onwona-Kwakye, Pesticide-induced environmental risks: A field study in Ghana (WUR 2020)
- Mansoureh Vatashenassan, New methods for the rapid identification and antifungal susceptibility testing of clinically important *Candida* species' (UvA 2020)
- Ewa Skoczynska, Development and application of comprehensive chemical analytical methods for the analysis of polyaromatic compounds (VU 2021)
- Foppe Smedes, Passive sampling: effective sensing of environmental quality (VU 2021)
- Berenice Collet, Effect-Based Analysis of Endocrine Disrupting Chemical Mixtures in Breast Milk and Possible Health Consequences for Human Infants (VU 2021)
- Thomas Maes, Lifting the veil on marine litter; Towards a better understanding of marine litter in the North Atlantic: Method development, occurrence and impacts (VU 2021)
- Jip de Vries, Organisms make ecosystems function: Identifying functional indicators of anthropogenic stress in aquatic ecosystems (UvA 2021)
- Anne-Catherine Ahn, A Tale of Adaptation: Diversity and stress responses in the haloalkaliphilic sulfur-oxidizing bacteria of the genus *Thioalkalivibrio* (UvA 2021)
- Elvis Dartey Okoffo, An assessment of plastic residues in Australian biosolids (University of Queensland 2021)
- Andrea Aldas Vargas, Biodegradation of pesticides in groundwater: exploring microbial potential under anaerobic oligotrophic conditions (WUR 2022)
- Ike van der Veen, Analysis of per- and polyfluoroalkyl substances (PFASs) in outdoor wear (VU 2022)

- Thi Lan Anh Nguyen, Microbial communities and their enzymes involved in biodegradation of herbicides and dioxins (VU 2022)
- Aimilia Stavrou, Emerging Saccharomycotina yeast pathogens: Detection and susceptibility profiles (UvA 2022)
- Maggie Armstrong, On razor's edge: maintaining lake ecosystem services and functions in an extreme world (WUR 2022)
- Meggie Hudspith, Illuminating the nutritional nature of sponge–microbe symbioses (UvA 2022)
- Sara Campana, Inside the sponge engine (UvA 2022)
- Yue Wang, Environmental biodegradability of hydrolysable polyesters from renewable resources (UvA 2022)
- Jiaqi Wang, Moving towards a toxic-free environment. Modelling fate and effects of problematic chemicals (RU 2022)
- Suzanne van der Meulen, Functional quality of urban surface water (WUR 2023)
- Husam Eldin Salah I. Mohamed, Molecular epidemiology and antifungal susceptibility of clinical fungi in Qatar (UvA 2023)
- Anne-Jifke Haarsma, Habitat segregation of Pond bats - consequences for reproduction, commuting, hibernation, predation and diet (RUN 2023)
- Ilse Ottenbros, Novel approaches to address exposure to real-life chemical mixtures in the general population (UU 2023)
- Tom van der Meer, Macroinvertebrate redistribution of environmental pollution (UvA 2023)
- Kaiyi Wu, Microalgae-based technology for wastewater treatment: Exploring organic micropollutants removal (WUR 2023)
- Auke de Jong, Fungal pathogens exposed. Novel insights into *Candida auris* and emerging relatives of the *Candida haemulonii* species complex (UvA 2023)
- Flora Borchert, Managing chemical risks in the EU – Data use and new approaches for decision-making (Stockholm University 2024, main opponent)
- Robin Lasters, Poly- and perfluoroalkyl substances (PFAS) in private gardens: factors affecting accumulation in homegrown food and characterization of human exposure risk (Universiteit Antwerpen 2024)
- Vera de Ruijter, Improving the realism and the relevance of microplastic effect tests (WUR 2024)
- Martien Graumans, Chemical and toxicological evaluation of advanced oxidation treated pharmaceutical residues in wastewater (RU 2024)
- Yang Shen, Occurrence and thyroid hormone disrupting effects of food-borne chlorinated paraffins (WUR 2024)
- Arianna Nativio, Assessment of human health and environmental risks for water resource recovery-based bio-composite materials (TUD 2025)
- Victor Amstutz, From the liver to the immune system: a structure-activity approach to perfluoroalkyl compounds toxicity (UM 2025)
- Suyash Gupta, From diversity to functionality: Understanding microbial communities in haloalkaline biodesulfurization systems (UvA 2025)
- Nienke Wieringa, Mud matters. The significance of effect-based sediment quality assessment (UvA 2025)