

Personal Information

Last Name	Eijsackers
First Name(s)	Herman J. P.
Title(s)	dr.
Job title	Vice chair Ctgb

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

Ecotoxicology
Environmental and Nature management
Soil protection
Ecotoxicological Risk Assessment

Education

Higher education

1970	University Leiden, MSc. Ecology, Applied entomology and Ethology
1978	University Leiden, PhD. 'Side effects of the herbicide 2,4,5-T on the soil fauna'

Professional positions held

2011	-	2019	Member Supervisory Committee National Institute for human health and the environment (nomination extended as external expert until Jan 2020)
2013	-	present	Vice chair of the Board for the Authorization of Plant protection products and Biocides
2008	-	2018	Vice chair Committee on Scientific Integrity (Wageningen UR)
2009	-	2011	Chief Science Officer Ministry Economic Affairs, Agriculture and Fisheries
2004	-	2011	Chairman Science Advisory Board of Wageningen University and Research Centre
2001	-	2004	Scientific Director Alterra + Dept. Environmental Sciences University Wageningen (one of the five combined university and research units of Wageningen UR)
1999	-	2001	Research Director, Alterra institute for the green environment, Wageningen
1996	-	2011	Extra-ordinary professor on 'Nature management, especially in relation to environmental Quality' at Vrije Universiteit, Amsterdam
1994	-	1999	Head Department of Ecotoxicology RIVM
1993	-	1994	Head Environmental Coordinators of the Laboratory for Soils and Groundwater Research National Institute for Environmental Health and Management (RIVM), Bilthoven
1987	-	1994	Programme director Netherlands Integrated Soil Research Programme Wageningen (from 1 October 1993 part time)
1982	-	1987	Head Department Environmental pollution
1980	-	1982	Head Working group Environmental pollution

1978	- Jan-Oct	Head of Department (a.i.)
1973	- 1980	Senior scientist (side effects of heavy metals and organic soil contaminants, acid rain impacts on soil life)
1970	- 1973	Junior scientist Research Institute for Nature Management Arnhem, department Soil ecology (side effects of herbicides, ecology Black cherry, earthworm ecology and ecotoxicology)

Professional activities abroad last decade

2006	June	Chair Assessment Team Environment Institute North West University Potchefstroom.
2004	Sept	Member Assessment Team Copernicus Institute University Utrecht.
2004	June-Sept	Member Assessment Team Centre for Ecology and Hydrology, UK
2008	present	Extraordinary professor at Environment Institute of North West University at Potchefstroom (SA)
2005	Apr - June	Visiting Senior Scientist Institute for Ecology and Sustainability of the EU-Joint Research Centre, Ispra
2003	2005	Extraordinary professor at Department of Zoology University of Stellenbosch

Other information relevant for professional experience

2021	Present	Confidential counsellor scientific integrity RIVM
2022	2023	Scientific committee for the Assessment of ecological risks of shrimp fishery

Participation in EU working groups and scientific networks

present	Vice chair Board for the Authorisation of Plant Protection Products and Biocides (Ctgb)
past	Member Science reflection committee Oostvaardersplassen (State Forestry Service)
past	Chair Assessment committee Black Grouse (State forestry Service, Nature monuments)
present	Member Advisory committee Harbour Porpoise Research Programme (ministry EL&I)
past	Expert EU Environment Programme, Member of special Ministerial Committee on Pesticides,
past	Member programme-committee stimulation programme Biodiversity of the National Science Foundation,

past	Chairman of programme-committee of the programme System-oriented Ecotoxicological Research of the National Science Foundation,
past	Chairman steering committee European Science Foundation programme Food chain modelling for the assessment of contaminated soils.
past	Lecturer at several international postdoc courses on ecology and ecotoxicology of EERO, PAON, PHLO, universities of Utrecht, Wageningen, Delft and Amsterdam, Scandinavian soil research programmes and summer schools Lund Sweden and Jyväskylä Finland. Leader of courses on environmental sciences and soil clean up. Co-author of Ecotoxicology course and Nature management course of Open University. Leader Workshop on Vital soil at University of Stellenbosch and North West University Potchefstroom.
past	Initiator and chair of European network on soil ecotoxicity research SERAS (Soil Ecotoxicological Risk Assessment Systems).
past	Chairman of the executive committee of the sub-commission on Soil biology of the IUSS.
past	Initiator and editor-in-chief of Dutch journal on soil research, soil protection and soil remediation 'BODEM' (until 1998).
past	Reviewer various soil ecology, ecotoxicology and environmental journals.
Past	Member of commissions and working groups of various other societies and interdisciplinary discussion groups working within the field of ecology, nature protection, ecotoxicology and integrated soil research.
past	Organizer of international conferences on ecological aspects of agriculture, integrated soil research, and ecosystem effects of diffuse pollution. Member of organizing committees and session organizer of a number of international conferences on ecotoxicology, soil remediation, soil ecology.

Publications in peer reviewed Journals

2010	present	Eijsackers, H.J.P.; Scholten, M.C.T.; Arendonk, van J.A.M.; Backus, G.B.C.; Bianchi, A.T.J.; Gremmen, H.G.J.; Hermans, T.; Ittersum, van M.K.; Jochemsen, H.; Oude Lansink, A.G.J.M.; Stassen, E.N. 2010. Over zorgvuldige veehouderij : veel instrumenten, één concert. Publication Wageningen UR. Eijsackers, H.J.P.; Scholten, M.C.T. 2011. Livestock farming with care : summaries of essays. publication Wageningen UR. Open access Eijsackers, H.J.P. 2011. Earthworms as colonizers of natural land and cultivated soil environments. Applied Soil Ecology 50, 1-13. Eijsacker, Herman. 2012. Remarks on responding to broader policy objectives. In Improving Agricultural Knowledge and Innovation Systems. OECD Conference proceedings. OECD, Paris. Eijsackers, H. en Rabbinge, R. 2011. Het topsectorenbeleid van Rutte-Verhagen: Nieuw elan of toch oude wijn in nieuwe zakken? Spil 275-76, 24. Broek, J. van den, Herman Eijsackers, Nico van Straalen en Maarten Evenblij. 2012 (Red.) Biodiversiteit, meer dan alleen soorten. Bio-wetenschappen en maatschappij, Utrecht.
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- Eijsackers, Herman. 2012. Biodiversiteit onder druk. In Broek, J. van den, Herman Eijsackers, Nico van Straalen en Maarten Evenblij. 2012 (Red.). Biodiversiteit, meer dan alleen soorten, 19-25. Bio-wetenschappen en maatschappij, Utrecht.
- Eijsackers, Herman en Nico van Straalen. 2012. Wat valt er nog te leren?. In Broek, J. van den, Herman Eijsackers, Nico van Straalen en Maarten Evenblij. 2012 (Red.). Biodiversiteit, meer dan alleen soorten, 44-45. Bio-wetenschappen en maatschappij, Utrecht.
- Eijsackers, Herman en Nico van Straalen. 2012. Ecologische waarde van biodiversiteit. In Broek, J. van den, Herman Eijsackers, Nico van Straalen en Maarten Evenblij. 2012 (Red.). Biodiversiteit, meer dan alleen soorten, 47-50. Bio-wetenschappen en maatschappij, Utrecht.
- Eijsackers, H. en Rabbinge, R. 2012. Herijking EHS, meer dan een rekensom. Milieu 17, mei, 26.
- Eijsackers, H. en Rabbinge, R. 2012. Agrarisch natuurbeleid. Milieu Februari 2012. 14.
- Eijsackers, H. and R. Rabbinge (Eds.) 2013. On careful livestock farming. NJAS, Wageningen journal of life sciences.
- Eijsackers, H. and R. Rabbinge. 2013. Animal husbandry, widened objectives from liability to asset. NJAS, Wageningen journal on life sciences, 83.
- Eijsackers, H. 2013. Bijzondere hoogleraren. Bionieuws 23, 10.
- Eijsackers, Herman. 2013. En zo is het gekomen. Voorwoord Bodem Breed, 3. Lunteren.
- Eijsackers, Herman. 2013. Boekbespreking Silent Spring at 50, the false crises of Rachel Carson. Entomologische berichten 73, 178.
- Eijsackers H, FA Swartjes, L van Rensburg, MS Maboeta. 2014. The need for attuned Soil Quality Risk Assessment for non-Western humans and ecosystems, exemplified by mining areas in South Africa. Env. Sci and Policy 44: 174-180.
- Eijsackers, H. 2014. Maak Gouden Driehoek compleet. Tijdschrift Milieu, maart, 9.
- Eijsackers, H. 2015. Wetenschapsvisie - gecombineerde belangen. Tijdschrift Milieu, mei.
- Filser, Juliane ; Faber, J.H. ; Tiunov, Alexei V. ; Brussaard, L. ; Frouz, J. ; Deyn, G.B. de; Uvarov, Alexei V. ; Berg, Matty P. ; Lavelle, Patrick ; Loreau, M. ; Wall, D.H. ; Querner, Pascal ; Eijsackers, Herman ; Jimenez, Juan Jose. 2016 Soil fauna key to new carbon models. SOIL 2, p. 565 - 582. Eijsackers, Herman, Adriaan Reinecke, Sophie Reinecke, Mark Maboeta. 2017. Threatened southern African soils: A need for appropriate ecotoxicological risk assessment. Env. Impact Assess. Review 63: 128-135.
- Eijsackers Herman (2018) Zomersneeuw. Bulletin Belmonte arboretum 73 (zomer): 4-8 [Eijsackers H^{1,2}](#), [Reinecke A³](#), [Reinecke S³](#), [Maboeta M⁴](#). (2019) Heavy Metal Threats to Plants and Soil Life in Southern Africa: Present Knowledge and Consequences for Ecological Risk Assessment. [Rev Environ Contam Toxicol](#). 249: 30-58. doi: 10.1007/398_2019
- Eijsackers H, Maboeta M. 2021. Do Endemic Soil Fauna Species Deserve Extra Protection for Adverse Heavy Metal Conditions? Reviews of Environmental Contamination and Toxicology Volume 258, 55-71. https://doi.org/10.1007/398_2021_72 .
- Herman Eijsackers and Mark Maboeta (2021). Keystone, focal and target species in Ecology, Nature Conservation and Risk Assessment, a sometimes confusing matter of definition. ECOLOGY, ENVIRONMENT AND CONSERVATION VOL. 27 (3) : 1996–1002. Herman Eijsackers, Mark Maboeta, Nico van Straalen & Victor Wepener (2022) Nature conservation, biodiversity protection and ecological risk assessment: three worlds apart in need of connection. Editorial Frontiers in Environmental Science, section Toxicology, Pollution and the Environment. Eijsackers H 2023. Amerikaanse vogelkers op West Terschelling sinds 1920. De Levende Natuur 124 (2):67-69.

Herman Eijsackers , Mark Maboeta , Pesticide impacts on soil life in southern Africa: Consequences for soil quality and food security, *Environmental Advances* (2023), doi: <https://doi.org/10.1016/j.envadv.2023.100397>

Eijsackers, H.J.P., B.D.H.K. Eriksson, T. van der Heide, P.M.J. Herman, J. Van der Meer, H. Polet, I. Tulp, (2023), *Beoordeling van ecologische effecten van garnalenvisserij op bodem en biota*, Wageningen Marine Research & Waddenacademie. Rapport nummer:C056/23, pagina's 53.

https://www.researchgate.net/profile/H_Eijsackers