<Curriculum Vitae>

Prof. Mag Dr. Wolfgang Wanek

Division of Terrestrial Ecosystem Research

Department of Microbiology and Ecosystem Science

Center of Microbiology and Environmental Systems Science (CeMESS)

University of Vienna

Djerassiplatz 1, 1030 Vienna, Austria

PHONE ++43 1 4277 91262

EMAIL wolfgang.wanek@univie.ac.at

WEB http://ter.csb.univie.ac.at/people/wolfgang-wanek

Research topics

- Stable isotope fractionation in plants, microorganisms and ecosystems
- Element cycling and element use efficiencies in temperate and tropical ecosystems, with focus on carbon, nitrogen, phosphorus and sulfur
- Global change effects on biogeochemical cycles
- Development of isotope-tracing methods to study nutrient transformation processes in soils

Research achievements in numbers (since 1993)

- 260+ papers in peer-reviewed journals (H-index 61), 6 book chapters; until 12/2025
- 36 invited talks at national and international conferences or institutions
- 12 research grants (total budget ~5.5 million €)

Language skills

German (mother tongue), English (excellent), Spanish (basics)

Personal data

Born 1967 in Vienna, Austria - One child (born 2008)

Higher education

2006	Habilitation (Venia Docendi) in Physiological Ecology and Ecosystem Research, obtained at the University of Vienna
1993-1996	PhD, Plant Sciences, University of Vienna (PhD thesis: Mechanisms of D-ononitol accumulation in *Vigna umbellata* under drought stress)
1992-1993	Diploma, Botany, University of Vienna (Diploma thesis: Metabolism of host-derived sorbitol by the mistletoe *Viscum album*)

Appointments

Since 2019	Full professor, Center of Microbiology and Environmental Systems Science, University of Vienna
2006-2019	Associate professor, Department of Chemical Ecology and Ecosystem Research, now: Department of Microbiology and Ecosystem Science, University of Vienna
2001-2006	Assistant professor, Institute of Ecology and Conservation Biology, University of Vienna
1997-2001	Research Assistant “Universitätsassistent”, Institute of Plant Physiology, University of Vienna

Funded projects (last 5 years)

2023-2027	Microbiomes drive planetary health. **FWF Austrian Science Fund**, Cluster of Excellence, 20.997.662€, co-PI Wolfgang Wanek

2022-2024	Adapting future tree species composition of the Vienna woods to possible consequences of climate change based on past drought responses, as indicated by forest site, soil and tree ring parameters. **Waldfonds – BMLRT**, 718.000 €, co-PI Wolfgang Wanek
2019-2021	Decadal forest soil warming: effects on soil C and nutrient dynamics and GHG fluxes. **FWF Austrian Science Fund**, D-A-Ch project, 622.050€, co-PI Wolfgang Wanek
2015-2019	MicrON: Environmental controls of microbial organic nitrogen cycling in soils. **FWF Austrian Science Fund**, 446.320€, PI Wolfgang Wanek
2016-2019	ClimGrass: Grassland carbon dynamics in a changing climate. **FWF Austrian Science Fund**, 414.726€, co-PI Wolfgang Wanek

Other selected activities

- Manager/head of SILVER laboratory (Stable Isotope Laboratory for Environmental Research, Univ. Vienna)
- Editorial board member of Soil Systems (MDPI Publishers) and Soil Biology and Biochemistry (Elsevier), ad-hoc Referee for more than 25 journals including Nature, Global Change Biology, Ecology Letters, Nature Communications; funding agencies incl. ARC Australia, NERC UK, NWO Netherlands, SNF Switzerland
- Founding member and coordinator of the Stable Isotope Network Austria (2004-2011), co-initiator of JESIUM (Joint European Isotope User Meeting)
-

Publication summary

Highly Cited Researcher by Clarivate 2020, 2022-. 260+ papers in peer-reviewed journals (until 12/2025), **6 book chapters**; H-index: **61** (Scopus).

Google Scholar	https://scholar.google.com/citations?hl=de&user=21ayro4AAAAJ
Scopus	https://www.scopus.com/authid/detail.uri?authorId=6701527006
ORCID	orcid.org/0000-0003-2178-8258