Dr. Yujia Luo

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ResearchGate, Google Scholar, and ORCID

Education

01/04/2018 - 07/10/2022	**PhD in Soil Microbiology**
	Wageningen University & Research (WUR) and Wetsus, The Netherlands
01/09/2014 - 31/08/2016	**MSc in Environmental Technology**
	Wageningen University & Research (WUR), The Netherlands
01/09/2010 - 30/06/2014	**BSc in Environmental Science and Engineering**
	Dalian Maritime University, China

Professional Experience

01/10/2024 - Now	**Postdoc** University of Vienna (UNIVIE), Austria
	Topic: *In situ* microbial growth and its measurements
01/10/2022 - 30/09/2024	**Postdoc** Wetsus, The Netherlands
	Topic: Microbial EPS production and its effects on soil aggregation
01/04/2018 - 30/09/2022	**PhD** WUR and Wetsus, The Netherlands
	Topic: Effects of organic amendments on soil microbiomes
01/09/2016 - 31/08/2017	**Research assistant** WUR, The Netherlands
	Topic: Bioremediation of micropollutants in groundwater
01/04/2016 - 31/08/2016	**MSc internship** Universidad Adolfo Ibañez, Chile
	Topic: Reuse of digestate as soil amendment
01/09/2015 - 31/03/2015	**MSc thesis** WUR and Wetsus, The Netherlands
	Topic: Removal of micropollutants in drinking water

Relevant Scientific Skills

Microbial	PLFA, DNA extraction, PCR/qPCR, amplicon sequencing, bioinformatics
Microscopy	Epifluorescence microscopy, confocal laser scanning microscopy, SEM
Isotopes	Stable isotope probing (D_2O- and $H_2{}^{18}O$-SIP), radioactive isotope (^{14}C and ^{3}H)
Soil Physics/Chemistry	EPS extraction/purification/quantification, nutrient analysis

Supervising, Teaching and Organizational Activities

2023-now	Currently supervise a PhD student working on soil EPS, WUR and Wetsus
2022-2023	Hosted and supervised a visiting PhD from University of Bologna, Wetsus
2018-2023	Supervised 4 MSc and 2 BSc students for their thesis and internships, Wetsus
2022-2024	Organizer, by-weekly thesis ring for MSc students to improve their writing skills, Wetsus
2021-2024	Instructor, yearly R introduction and basic statistics for MSc/PhD, Wetsus
2019, 2020	TA, MSc course Principles of Environmental Sciences, WUR

Training

2025	Effective Decision-Making in Academia (CeMESS)
2025	Funding application and academic writing (LBG Career Center)
2025	Professional boundary setting in academia (UNIVIE)
2024	Business development and entrepreneurship (Watercampus)
2018-2024	Personal development program for communication, presentation, supervision and career development (Wetsus)