

Elsa Matthus, PhD

Position: Postdoctoral Researcher
Working Group "Sustainable Grassland Systems"



Academic education and scientific degrees

2015 – 2019	PhD in Plant Sciences & Food Security, Ion Transport group, University of Cambridge, UK
2014 – 2015	Master of Research, Plant Sciences Department, University of Cambridge, UK
2011 – 2014	Master of Science in International Plant Sciences, University of Bonn, Germany; including field work at International Rice Research Institute (IRRI), Philippines (7/2013 – 11/2013)
2007 – 2010	Bachelor of Science in Biology, University of Bayreuth, Germany

Professional experience

Since 04/2021	Postdoctoral Researcher at Leibniz Centre for Agricultural Landscape Research (ZALF), PI: Joana Bergmann
2019 – 2021	Agrobiodiversity Consultant, including project work with Crop Trust, Bioversity International, Leibniz Institute for Vegetable and Ornamental Crops (IGZ)
2017	Internship at Crop Trust, Bonn, Germany
2010 – 2011	Volunteer teacher at "La Esperanza Granada", Granada, Nicaragua
2009	Internship at Sierra Leone Brewery Ltd., Freetown, Sierra Leone

Research Profile

Background

- Root research
- Molecular biology
- Plant nutrition, focus on phosphate nutrition and calcium signalling

Research Activities

- Project "HAIRphae", investigating the economic trade-off between root hairs and mycorrhizal symbiosis along a land use gradient (in the framework of the Biodiversity Exploratories, Germany)
- Pondering the question "Who is in charge – plant or fungus?"

Websites

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