

Mareike Köster

Year of Birth: 1996, Gender: Female, Nationality: German

Department of Crop Sciences, Faculty of Agricultural Sciences, Georg-August-Universität Göttingen

Curriculum Vitae

Academic Education

2019 – 2022 M.Sc., Sustainable international Agriculture, University of Kassel and Georg-August-Universität Göttingen, Germany

2015 – 2019 B.Sc., Environmental science, Albert Ludwigs University Freiburg, Germany

Professional Career

Since 5/2022 Scientific staff, Tropical Plant Production and Agricultural Systems Modelling (TROPAGS), Faculty of Agricultural Sciences, Georg-August-University Göttingen

2020 – 2022 Research assistant, Tropical Plant Production and Agricultural Systems Modelling (TROPAGS), Faculty of Agricultural Sciences, Georg-August-University Göttingen

2020 English lecturer, ZESS - Zentrale Einrichtung für Sprachen und Schlüsselqualifikationen, Georg-August-University Göttingen

2018 Tutor, Environmental system modelling, Albert Ludwigs University Freiburg, Germany

Fellowships, Awards, and Honours

2021 – 2022 M.Sc. Thesis scholarship, ATSAF Junior scientist program

Study stays abroad

2021 Field research in Northern Pakistan for Master thesis

2019 Organic farming apprenticeship in British Columbia, Canada

Research Interests

My research areas include assessing and understanding agricultural impacts and responses to climate and extreme weather events through agro-ecosystem modeling, in order to provide approaches to better address present and future environmental risks.

Lectures

M.Sc. course on impacts of climate extremes on global crop production

Publications

Meyer zu Drewer, J., Köster, M., Abdulai, I., Rötter, R. P., Hagemann, N., & Schmidt, H. P. (2022). Impact of Different Methods of Root-Zone Application of Biochar-Based Fertilizers on Young Cocoa Plants: Insights from a Pot-Trial. *Horticulturae*, 8(4), 328.