

Christoph Müller

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Christoph Müller has been Professor of Soil Science at University College Dublin since 2007 and Professor of Experimental Plant Ecology at the Justus Liebig University Giessen since 2009. After an apprenticeship as a gardener (ornamental plants), Müller studied Horticulture in Berlin, followed by a MSc in Soil Water Management at Reading University and a PhD in Soil Science at Lincoln University, New Zealand. The focus of his research is to understand the impact of climate change on ecosystems. In Giessen he is leading a Free Air Carbon Dioxide Enrichment study on grasslands, which is one of the longest running field climate manipulation studies worldwide, running for 20 years. To understand the processes, he has developed a number of nuclear methods to quantify the rates of elemental transformations in the soil (N cycle, P cycle, C cycle) and identify the processes leading to greenhouse emissions. Since 2014, he has been working as an expert for the IAEA, specifically in training methods to quantify greenhouse gas emissions.