4 PER 1000
SOILS FOR FOOD SECURITY AND CLIMATE

IS THERE A LIMIT TO SOIL ORGANIC CARBON SEQUESTRATION?

"4 PER 1000" PRESENTS SOIL CARBON SCIENCE WEBINAR SERIES #1:

Join us for an insightful webinar on the role of soil organic carbon (SOC) in maintaining soil functions and mitigating climate change. SOC plays a vital role in crop production, nutrient and water cycling, carbon storage, and habitat for soil biodiversity. The formation of Mineral Associated Organic Carbon (MAOC) is crucial for climate change mitigation. While the assumption is that soils have limited ability to accumulate MAOC, a recent study challenges this notion, prompting further mechanistic investigations.

We are delighted to have two esteemed experts in the field, Prof. M. Francesca Cotrufo from Colorado State University and Dr. Christopher Poeplau from the Thünen Institute of Climate-Smart Agriculture, who will delve into this topic during the webinar. They will be joined by Prof. Claire Chenu and Budiman Minasny in a discussion to gain valuable insights and discuss the formation of MAOC, its implications for soil carbon management, and the potential impact on climate change mitigation strategies.

Don't miss this opportunity to engage with leading researchers in the field.

M. FRANCESCA COTRUFO
Colorado State University

CHRISTOPHER POEPLAU
Thünen Institute

Discussant: CLAIRE CHENU
AgroParisTech, 4 per 1000 STC

Moderator: BUDIMAN MINASNY
University of Sydney, 4 per 1000 STC

SEPTEMBER 7
15:00 (GTM+2)
ON ZOOM