

Session Title: CO₂ Removal

Name: Shirato Yasuhito

Position: Director, Climate Change Research, Institute for Agro-Environmental Sciences, National Agriculture and Food Research Organization (NARO), Japan

Abstract title: Soil carbon sequestration for climate change mitigation and food security

Storing carbon in soils has huge potential to mitigate climate change as well as achieving food security by improving or maintaining productivity of soils. The 4 per 1000 initiative, which aims to achieve win-win situation of climate change mitigation and food security, was launched in 2015 at Paris during COP 21. It does not require high-tech. Implementation of low-tech management practices in wider area will make it possible. Policy intervention such as subsidy program or promotion of carbon offset trading system will be helpful. Decision support tools for producers or policy makers are useful to enhance implementation, too.