

Session 2: Sustainable Carbon Cultivation

Taiichiro Ookawa The development of next-generation rice varieties for carbon cultivation

Sohei RIYA Biomass waste recycling and greenhouse gas mitigation

Convener: tba

Taiichiro OOKAWA - The development of next-generation rice varieties for carbon cultivation

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María Martín ROLDÁN, Evgenia BLAGODATSKAYA, et al. - Role of root hairs in soil C sequestration in a 5 years maize monoculture

Anja MILTNER - Microbial necromass as a significant source of soil organic matter: origin, pathways and implications for C sequestration

Shinya KAJITA - Reducing lignocellulosic recalcitrance by introduction of chemically labile linkages into the lignin backbone

Yoshiki HORKAWA - Development of cellulose materials from hardwoods maintaining hierarchical structure