



*Special Session (SS01) on:  
Relationships between soil characteristics, land use, land cover and  
agroforestry practices*

**Organizer:**

**Vítor João Pereira Domingues Martinho**, Agricultural School (ESAV) and CERNAS-IPV Research Centre, Polytechnic Institute of Viseu (IPV), 3504-510 Viseu, Portugal; [vdmartinho@esav.ipv.pt](mailto:vdmartinho@esav.ipv.pt)

**The aim and scope:**

Soil can play a fundamental role in sequestering carbon and thus make a decisive contribution to mitigating climate change and the resulting global warming. However, the characteristics of the soil, its cover, use and the agroforestry practices to which it is subjected, influence its capacity as a carbon sink. This special session aims to publicise the results of the project “Relationships between soil characteristics, land use, land cover and agroforestry practices: Machine learning approaches”, which is being carried out for the Portuguese context, and to invite other colleagues to bring their research in these areas.

**SUBMIT ABSTRACT**