

ZALF Guest Lecture

Grazing management for soil organic matters - Kohlenstoffspeicherung auf Grünlandstandorten

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Conference Hall 1, Building 4



There are still uncertainties on the magnitude of C sequestration potential, and their use in climate initiatives (i.e. 4p1000). Average values of 0.2 to 0.7 tC ha⁻¹yr⁻¹ been cited, while soil inventories reported only 0.05 tC ha⁻¹yr⁻¹ (e.g. Soussana et al., 2010). These discrepancies can be attributed to differences in pedo-climatic conditions, intensity and type of management, but also to age and live-time of grasslands. To analyse in detail C sequestration potential of French grasslands, a national study "4p1000 France" was conducted (see Pellerin et al., 2019) to identify promising C "storing" practices, to be adopted as mitigation option.

All interested ZALF members are cordially invited.

We are looking forward to your contributions in the subsequent discussion.