changes in plough depth

Annual vertical C flux at erosion sites [gm$^{-2}$]

Annual vertical C flux at deposition sites [gm$^{-2}$]

C export [gm$^{-2}$]

C balance [gm$^{-2}$]

SOC stock [kgm$^{-2}$]

with erosion

w/o soil redistribution

with deposition

w/o deep C burial

w/o soil redistribution

vertical fluxes (vf)

vf w/o deep C burial

vf - exp$_{tot}$

vf + exp$_{tot}$

vf - exp$_{rest}$

vf + exp$_{rest}$

with soil redistribution

w/o soil redistribution

changes in management