Biogeosciences Discuss.,
https://doi.org/10.5194/bg-2018-478-AC4, 2019

Biogeosciences Discussions
Open Access
EGU

Interactive comment on "Dissolved organic matter characteristics of deciduous and coniferous forests with variable management: different at the source, aligned in the soil" *by* Lisa Thieme et al.

Lisa Thieme et al.

l.thieme@campus.tu-berlin.de

Received and published: 7 February 2019

We noticed the caption of Fig.1 in our reply was incomplete. Please find here the complete caption.

Fig.1: Percentage reduction of DOC concentrations between topsoil (TOP) and subsoil leachates (SUB) as a function of carbon saturation of pedogenic Fe- and Al-(hydr)oxides. For the Hainich sites (this study), the reduction of DOC concentrations decreased significantly with increasing OC/(Feo+Alo) ratio (reduction = 84% – 34%*OC/(Feo+Alo); p = 0.027, r = 0.86). We found no significant correlation for the Schorfheide sites (this study). The relative increase of DOC concentrations at high OC

Printer-friendly version

Discussion paper

surface loadings was likely caused by a concentration effect because of evapotranspiration, while surface sorption was negligible. The shown site names refer to Kindler et al. (2011).

Interactive comment on Biogeosciences Discuss., https://doi.org/10.5194/bg-2018-478, 2018.

Printer-friendly version

Discussion paper