

Dr. Birgit Pfeiffer

Publications in refereed journals and refereed conference proceedings

2018

Köbke, S.; Senbayram, M.; **Pfeiffer, B.**; Nacke, H. & Dittert, K. (2018) Post-harvest N₂O and CO₂ emissions related to plant residue incorporation of oilseed rape and barley straw depend on soil NO₃⁻ content. *Soil and Tillage Research* 179, 105-113.

2013

Cesarz, S.; Fender, A.-C.; Beyer, F.; Valtanen, K.; **Pfeiffer, B.**; Gansert, D. et al. (2013) Roots from beech (*Fagus sylvatica* L.) and ash (*Fraxinus excelsior* L.) differentially affect soil microorganisms and carbon dynamics. *Soil Biol. Biochem.* 61, 23–32. doi:10.1016/j.soilbio.2013.02.003.

Pfeiffer, B.; Fender, A.-C.; Lasota, S.; Hertel, D.; Jungkunst, H. F. & Daniel, R. (2013) Leaf litter is the main driver for changes in bacterial community structures in the rhizosphere of ash and beech. *Appl. Soil Ecol.* 72, 150–160. doi:10.1016/j.apsoil.2013.06.008.

2012

Fender, A.-C.; **Pfeiffer, B.**; Gansert, D.; Leuschner, C.; Daniel, R. & Jungkunst, H. F. (2012) The inhibiting effect of nitrate fertilisation on methane uptake of a temperate forest soil is influenced by labile carbon. *Biol. Fertil. Soils* 48, 621–631. doi:10.1007/s00374-011-0660-3.

Kemmling, A.; **Pfeiffer, B.**; Daniel, R. & Hoppert, M. (2012) Bacterial diversity in biological soil crusts from extrazonal mountain dry steppes in northern Mongolia. *Wiss. Beitr. Martin. Luther. Univ. Halle. Wittenberg.* 12, 437–449.

2007

Grote, J.; Labrenz, M.; **Pfeiffer, B.**; Jost, G. & Jürgens, K. (2007) Quantitative distributions of Epsilonproteobactena and a Sulfurimonas subgroup in pelagic redoxclines of the central Baltic Sea. *Appl. Environ. Microbiol.* 73, 7155–7161. doi:10.1128/AEM.00466-07.

Conference talks

Lingner, A.; Dittert, K. & **Pfeiffer, B.** (2018): The cropping system matters – Contrasting responses of winter faba bean genotypes to drought stress. EUCARPIA Symposium on Breeding for Diversification, February 19th - 21st, Witzenhausen, Germany.

Conference poster

Lingner, A.; Dittert, K. & **Pfeiffer, B.** (2018): The cropping system matters – Contrasting responses of winter faba bean genotypes to drought stress. PLANT 2030 Status Seminar, February 05th - 07th, Potsdam, Germany.

Lingner, A.; **Pfeiffer, B.** & Dittert, K. (2017): Performance and drought stress response of winter faba bean genotypes in mixed cropping with winter wheat. XVIII. International Plant Nutrition Colloquium (IPNC), August 21st - 24th, Copenhagen, Denmark.

Lingner, A.; **Pfeiffer, B.** & Dittert, K. (2017): Winter faba bean growth in pure and mixed stands under water deficit conditions in the greenhouse. PLANT 2030 Status Seminar, February 20th - 22nd, Potsdam, Germany.