

Publications

- Zollinger B., Alewell C., Kneisel C., Brandová D., Petrillo M., Plötze M., Christl M., Egli M. (2016). *Soil formation and weathering in a permafrost environment of the Swiss Alps: a multi-parameter and non-steady-state approach*. Earth Surface Processes and Landforms 42(5): 814 – 835
- Egli M., Hafner S., Derungs C., Ascher-Jenull J., Camin F., Sartori G., Raab G., Bontempo L., Paolini M., Ziller L., Bardelli T., Petrillo M., Abiven S. (2016). *Decomposition and stabilisation of Norway spruce needle-derived material in Alpine soils using a ¹³C-labelling approach in the field*. Biogeochemistry 131: 321 – 338
- Petrillo M., Cherubini P., Sartori G., Abiven S., Ascher J., Bertoldi D., Camin F., Barbero A., Larcher R., Egli M. (2015). *Decomposition of Norway spruce and European larch coarse woody debris (CWD) in relation to elevation and exposition at eight Alpine sites (Trentino, Italy)*. iForest 9: 154 – 164
- Petrillo M., Cherubini P., Fravolini G., Ascher J., Schärer M., Synal H., Bertoldi D., Camin F., Larcher R., Egli M. (2015). *Time since death and decay rate constants of Norway spruce and European larch deadwood in subalpine forests determined using dendrochronology and radiocarbon dating*. Biogeosciences 13: 1537 – 1552
- Bonifacio E., Petrillo M., Petrella F., Tambone F., Celi L. (2015). *Alien red oak affects soil organic matter cycling and nutrient availability in low-fertility well-developed soils*. Plant and Soil 395: 215 – 229
- Bonifacio E., Falsone G., Petrillo M. (2011). *Humus forms, organic matter stocks and carbon fractions in forest soils of northwestern Italy*. Biology and Fertility of Soils 47: 555 – 566