

Peer-reviewed articles

- Beck-Broichsitter, S., Gerke, H. H., Leue, M., **von Jeetze, P. J.** and Horn, R. 2020. Anisotropy of unsaturated soil hydraulic properties of eroded Luvisol after conversion to hayfield comparing alfalfa and grass plots. *Soil and Tillage Research*, 198, 104553. doi:10.1016/j.still.2019.104553
- von Jeetze, P. J.**, Zarebanadkouki, M. and Carminati, A. 2020. Spatial Heterogeneity Enables Higher Root Water Uptake in Dry Soil but Protracts Water Stress After Transpiration Decline: A Numerical Study. *Water Resources Research*, 56(1), e2019WR025501. doi:10.1029/2019WR025501

Scientific presentations

- von Jeetze, P. J.**, Zarebanadkouki, M. and Carminati, A. 2019. *Effect of soil heterogeneity on soil drying*. Oral presentation at the Gemeinsame Jahrestagung der Deutschen Bodenkundlichen Gesellschaft und der Bodenkundlichen Gesellschaft der Schweiz, Bern, Switzerland, 24-29 Aug 2019.
- von Jeetze, P. J.**, Zarebanadkouki, M. and Carminati, A. 2019. *Modelling root water uptake in heterogeneous soils*. Oral presentation at the EGU General Assembly, Session 'Modeling Soil, Vadose Processes: Status and Challenges', Wien, Austria, 8-12 April 2019.
- von Jeetze, P. J.**, Zarebanadkouki, M., Ahmed, M. A. and Carminati, A. 2018. *Modelling root water uptake in heterogeneous soils*. Oral presentation at the 10th BayCEER workshop, Bayreuth, Germany, 11 Oct 2018.
- von Jeetze, P. J.**, Zarebanadkouki, M. and Carminati, A. 2018. *Effects of soil heterogeneity on root water uptake under drying conditions and varying transpiration rates*. Oral presentation at the Jahrestagung der Kommission 1 "Bodenphysik und Bodenhydrologie" der Deutschen Bodenkundlichen Gesellschaft, Braunschweig, Germany, 06-07 Sep 2018.
- von Jeetze, P. J.**, Biewald, A., Rolinski, S. and Lotze-Campen, H. 2017. *Implications of future climate variability on food security: A model-based assessment of climate-induced crop price volatility impacts*. Poster presented at the Impacts World 2017 conference, Potsdam, Germany, 11-13 Oct 2017.
- von Jeetze, P. J.**, Biewald, A., Rolinski, S. and Lotze-Campen, H. 2017. *Implications of future climate variability on food security*. Oral presentation at the 3rd GlobalFood Symposium, Göttingen, Germany, 28-29 Apr 2017.