

## MOSES@vEGU 2021

In the good tradition of recent years, MOSES will be presented on the [vEGU21 conference \(19–30 April 2021\)](#). For the scientific sessions at vEGU21 a new virtual PICO (vPICO) format was created, which is divided into two parts: an overview featuring a 2-minute talk for each abstract, followed by breakout text chats (one per abstract) plus a simultaneous central video chat for further group discussion hosted by the conveners. This format will provide the framework for informative and interactive presentations while also allowing space for networking. Here you can find a list with the scheduled MOSES presentations.

### Session with MOSES support:

HS10.2 - From the source to the sea – rivers, estuaries, deltas, marshlands, and coastal seas under global change. Convener: Jana Friedrich; Co-conveners: Debora Bellafiore, Dietrich Borchardt, Andrea D'Alpaos, Holly Michael, Michael Rode, Christian Schwarz, Claudia Zoccarato.

[vPICO presentations](#): Mon, 26 Apr, 13:30-17:00

### Presentations:

- Balenzano, A., Satalino, G., Lovergine, F., Palmisano, D., Mattia, F., Rinaldi, M., and Montzka, C.: Combining Sentinel-1 and ALOS-2 observations for soil moisture retrieval, EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-8660, <https://doi.org/10.5194/egusphere-egu21-8660>, 2021.
- Bates, J., Montzka, C., Schmidt, M., and Jonard, F.: UAS mounted LiDAR for Estimating LAI Type Metrics for Winter Wheat, EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-5982, <https://doi.org/10.5194/egusphere-egu21-5982>, 2021.
- Brix, H., Kamjunke, N., Bussmann, I., Achterberg, E., Dietrich, P., Fischer, P., Flöser, G., Geißler, F., Koedel, U., Koschorreck, M., Rewrie, L., and Schütze, C.: Elbe 2020 – investigating a river-sea system from upstream into the North Sea, EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-8721, <https://doi.org/10.5194/egusphere-egu21-8721>, 2021.
- Bussmann, I., Brix, H., Kamjunke, N., Ködel, U., Koschorreck, M., and Schütze, C.: Characteristics of dissolved and atmospheric methane concentrations along a freshwater-seawater transect from the River Elbe into the North Sea, EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-8270, <https://doi.org/10.5194/egusphere-egu21-8270>, 2021.
- Güntner, A., Reich, M., Reinhold, A., Glässel, J., and Wziontek, H.: First experiences with an absolute quantum gravimeter during field campaigns, EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-14072, <https://doi.org/10.5194/egusphere-egu21-14072>, 2021.
- Khordakova, D., Rolf, C., Groß, J.-U., Konopka, P., Müller, R., Krämer, M., and Riese, M.: A case study on the impact of severe convective storms on the water vapor mixing ratio in the lower mid-latitude stratosphere, EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-13130, <https://doi.org/10.5194/egusphere-egu21-13130>, 2021.
- Koedel, U., Dietrich, P., Fischer, P., and Schuetze, C.: Ensuring data trustworthiness within SMART Monitoring of environmental processes, EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-8361, <https://doi.org/10.5194/egusphere-egu21-8361>, 2021.
- Mengen, D. and the SARSense Campaign Team: The SARSense campaign: A dataset for comparing C- and L-band SAR backscattering behaviour to changes of soil and plant

parameters in agricultural areas, EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-1351, <https://doi.org/10.5194/egusphere-egu21-1351> , 2021.

- Najafi, H., Thober, S., Rakovec, O., Shrestha, P. K., and Samaniego-Eguiguren, L.: German Near-Real Time Ensemble Hydroclimate Forecasting System, EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-16397, <https://doi.org/10.5194/egusphere-egu21-16397> , 2021.
- Nixdorf, E., Eggert, D., Morstein, P., Kalbacher, T., and Dransch, D.: A web-based visual-analytics tool for ad-hoc campaign planning in terrestrial hydrology, EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-3951, <https://doi.org/10.5194/egusphere-egu21-3951> , 2021.
- Rasmussen, C., Overduin, P., Boike, J., Ryberg, T., and Haberland, C.: Passive seismic investigations of subaquatic permafrost, EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-12118, <https://doi.org/10.5194/egusphere-egu21-12118> , 2021.
- Tillmann, R., Rohrer, F., Gkatzelis, G. I., Winter, B., Wesolek, C., Schuldt, T., Hundt, M., Aseev, O., and Kiendler-Scharr, A.: High-resolution air-quality observations onboard commercial Zeppelin flights in Germany , EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-6470, <https://doi.org/10.5194/egusphere-egu21-6470> , 2021.