

LIST OF MY PUBLICATIONS DURING MY Ph.D. STUDIES AT CZU:

1. **Nozari S.**, Pahlavan-Rad M. R., Brungard C., Heung B., and Borůvka L. (2023): Digital Soil Mapping using Machine Learning-Based Methods to Predict Soil Organic Carbon in Two Different Districts in the Czech Republic. *Soil & Water Res.*, XX: 00–00. (in press)
(Nozari S. contribution: 80% - complete manuscript preparation from data processing, computation, writing, and editing.)
2. **Nozari S.**, Borůvka L. (2023): The effects of slope and altitude on soil organic carbon and clay content in different land-uses: A case study in the Czech Republic. *Soil & Water Res.*, 18: 204–218. <https://doi.org/10.17221/105/2022-SWR>
(Nozari S. contribution: 90% - complete manuscript preparation from data processing, computation, writing, and editing.)
3. Borůvka L., Vašát R., Šrámek V., Neudertová Hellebrandová K., Fadrhonsová V., Sáňka M., Pavlů L., Sáňka O., Vacek O., Němeček K., **Nozari S.**, Oppong Sarkodie V.Y. (2022): Predictors for digital mapping of forest soil organic carbon stocks in different types of landscape. *Soil & Water Res.*, 17: 69–79. <https://doi.org/10.17221/4/2022-SWR>
(Nozari S. contribution: 5%)
4. Thai S., Pavlů L., Tejnecký V., Vokurková P., **Nozari S.**, Borůvka L. (2021): Comparison of soil organic matter composition under different land-uses by DRIFT spectroscopy. *Plant Soil Environ.*, 67: 255–263. <https://doi.org/10.17221/11/2021-PSE>
(Nozari S. contribution: 5%)
5. **Nozari S.**, Borůvka L. (2020). The effect of landscape slope on soil organic carbon in Liberec district in the Czech Republic. *International Journal of Advanced Science and Technology*, 29(9s): 3934 - 3942. <http://sersc.org/journals/index.php/IJAST/article/view/16653>
(Nozari S. contribution: 90% - complete manuscript preparation from data processing, computation, writing, and editing.)