

## **Fedorova Darya, MSc.**

**Bachelor's Degree:** (2004-2008) Kazakh National Technical University after K. I. Satpaev

Faculty of Geology

Title of Dissertation: Modern and perspective water balances of the Sydarya river

**Master's Degree:** (2012-2014) Master's Degree in Natural Sciences Al-Farabi Kazakh National University

Faculty of Geography & Nature Management

Title of Dissertation: Ice conditions on the Syrdarya river

**Work experience:** RSE "Kazhydromet" Senior Engineer of Hydrological Forecasts Department (2007 – 2015)

### **List of Publications:**

- Fedorova D., Bačínová H., Kovář P.(2017): Use of terraces to reduce overland flow and soil erosion, comparison of the HEC-HMS model and the KINFIL model application. *Soil & Water Res.*, 12, 2017 (4), 195–201. DOI: 10.17221/160/2016- SWR
- Kovář P., Bačínová H., Loula J., and Fedorova D. (2016): Use of Terraces to Mitigate the Impacts of Overland Flow and Erosion on a Catchment. *Plant Soil Environ.* Vol.62, no.4.171-177. DOI: 10.17221/786/2015-PSE
- Kovář P., Fedorova D., and Bačínová H. (2018): Implementation of the Curve Numbers Method and the KINFIL Model on the Smeda Catchment to Mitigate Overland Flow with the use of Terraces. *Soil & Water Res.*, 13, 2018 (2), 98–107, DOI: 10.17221/163/2017-SWR

### **Published Online first:**

- Fedorova D., Kovář P., Gregar J., Jelínková A, Novotná J. (2018): The use of Snyder synthetic hydrograph for simulation of overland flow in small ungauged and gauged catchments. *Soil & Water Res.*, 13, 2018 (1): 00–00, DOI: 10.17221/237/2017-SWR

### **Accepted by Journal:**

- Andrea Jelínková, Darya Fedorova (2018): Effect of external conditions on water quality in the Kamencove (Alum) lake in Chomutov. *Scientia Agriculturae Bohemica*, 2018 (accepted manuscript on July the 11th 2018, under revision)