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National University of Life and Environmental Sciences of Ukraine  
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To whom it may concern,

In this letter, I would like to acknowledge an ongoing collaboration between the Water Systems and Global Change (WSG) group of Wageningen University and the Agrosphere Ecology and Environmental Control department of the National University of Life and Environmental Science of Ukraine.

Within this collaboration, we work on joint papers and participate in international conferences with a focus on environmental protection, water quality and modeling future trends with scenarios. For example, a joint paper "Minimizing trade-offs between economic growth and water pollution: a case study for the Black Sea" has been recently submitted to the Environmental Science and Pollution Research journal (impact factor of 3.056). This paper is jointly prepared by Docent Vita Strokhal from the Agrosphere Ecology and Environmental Control department, and by Dr Maryna Strokhal and Prof Carolien Kroeze from the WSG of Wageningen University. Another joint paper is already published on Reducing inputs of nutrients to the Black Sea using the Global NEWS model. Another successful example is a joint abstract that is submitted to an international conference "6th IAHR Europe Congress" with a topic of "Reducing point-source inputs of microplastics in rivers of the Black Sea".

Our collaboration is also related to education. Prof Carolien Kroeze was invited to give a lecture at the National University of Life and Environmental Science of Ukraine. This lecture was prepared by prof Carolien Kroeze and given by Dr Maryna Strokhal. Docent Vita Strokhal was a teacher at the European workshop, which is a joint workshop for Bachelor students between Wageningen University and the National University of Life and Environmental Science of Ukraine. Anna Kovpak, who is now a PhD candidate at the Agrosphere Ecology and Environmental Control department of the National University of Life and Environmental Science of Ukraine, was one of the students in this joint European workshop. Anna does her PhD fully in Ukraine under supervision of Docent Vita Strokhal at the Agrosphere Ecology and Environmental Control department of the National University of Life and Environmental Science of Ukraine. Anna Kovpak does research on water quality aspects with a focus on reservoirs of the Dnieper basin. This PhD candidate has also actively participated in several activities of a Wageningen University Master course "WSG35306 Modeling Future Water Stress" in the academic period of 2020-2021. In particular, Anna Kovpak attended a lecture on modeling water quality with the MARINA and Global NEWS models for nutrients, and participated in practicals on running these water quality models for future analyses.

Wageningen  
University & Research

Water systems and  
global change

DATE  
February 2, 2021

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We are looking forward to continuing this fruitful collaboration with Docent Vita Stokal and Anna Kovpak in the field of modeling water quality aspects and developing solutions to reduce water pollution in Ukraine.  
In case of questions, please do not hesitate to contact me.

Sincerely,



Prof. Carolien Kroeze  
Chair holder of the Water Systems and Global Change group  
Department of Environmental Sciences  
Wageningen University