

TFK-ohjelmasta 2021 tuetut hankkeet

TFK programme funded projects 2021

Project title: Finland Siberia Summer School	
<p>Coordinator</p> <p>University of Eastern Finland</p> <p>Frank Berninger Frank.Berninger@uef.fi</p>	<p>The aim of the project is to improve the education and scientific collaboration between the Siberian Federal University (FSU) and the University of Eastern Finland (UEF) to enhance meaningful education and research. In the long term, we expect that this will result in better management of ecosystems and improve the employability of our students and the impact of our research.</p> <p>We will organise two joint summer schools in 2022 and 2023, as well as staff exchange for the preparation of the summer schools and the creation of new research and teaching collaboration. The summer school in 2022 will be done at Krasnoyarsk and Zotino field station. The summer school in 2023 will be located in Finland (Punkaharju and Joensuu).</p>
<p>Partners</p> <p>Siberian Federal University</p>	<p>FSU and UEF participate in the project as equal partners. FSU will be responsible for the logistics and organisation of the Summer School in 2022. The main focus is there on the role of disturbances on forest ecology and forest carbon balances (including work on the impact of fires on aquatic ecosystems). UEF will be responsible for the summer school in 2023, focusing on the structure of old-growth forests and the emissions of non-CO2 greenhouse gases from forests and peatlands. The courses are planned to be two weeks each and are budgeted for ten students from each University.</p> <p>The summer school 2022 at FSU addresses the effects of forest disturbances, especially forest fires. These cannot be taught in Finland (since forest fires are comparatively rare in Scandinavia) while the continental boreal areas are frequently burning. The field part of the course will be done at the Zotino research station. Zotino is a research station of the Russian Academy of Sciences and part of the Pan Eurasian Experiment network, which is coordinated by the INstitute of Atmospheric and earth science Research (INAR) in Finland of which UEF is a part.</p>

	<p>The summer school 2023 at UEF will utilise the state of the art laboratory facilities. The focus will be fluxes of non-CO₂ greenhouse gases as N₂O and HONO or CH₄. Students will also compare forests and their management between Siberia and Finland.</p>
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