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Dissertation topic: Contamination and fate of pollutants in ecosystems of militarily-affected areas

Brief description of the dissertation:

The dissertation focuses on the contamination of ecosystems in military-affected areas, with primary attention given to explosives and their degradation products. These substances represent one of the most significant yet least explored sources of environmental pollution in regions impacted by armed conflicts.

In a separate line of inquiry, the research also includes heavy metals, polycyclic aromatic hydrocarbons (PAHs), and other accompanying pollutants released into the environment as a result of military activities. The aim of the work is to monitor the occurrence of these contaminants, evaluate their fate within ecosystems, and study their ecotoxicity. The topic reflects the urgency of current environmental issues, for example in connection with the war in Ukraine.

Year of commencement of studies, 2024