

Faculty/institute topic in the field of "Water and Biodiversity"

Faculty of Arts:

Rainwater harvesting system and biodiversity support on the premises of the Faculty of Arts, Masaryk University

The aim of the project should be to map the possibilities for rainwater harvesting on the premises of the Faculty of Arts of Masaryk University (Arne Nováka, Gorkého, Janáčkovo náměstí) and to propose a sustainable and economically feasible system for its use. The project will include field research, analysis of the possibilities for collection from roofs and other surfaces, calculation of the volumes of potential rainwater collection, and proposals for the installation of retention elements, infiltration solutions, drinking stations, and vegetation areas that support insects and birds. Other expected benefits include a reduction in drinking water consumption for green space maintenance, an improvement in the microclimate on the premises, and a more attractive and environmentally friendly environment for students and staff. An additional goal could be the creation of documentation and educational materials for students, visitors, and staff.

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