



CATHOLIC UNIVERSITY IN RUŽOMBEROK

—Shaping minds and hearts—

FACULTY OF EDUCATION

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Research at the Department of Biology and Ecology

- Rainfall chemistry and their impact on the stability of natural ecosystems.
- Research on eco-edaphic processes in natural ecosystems.
- Phytocoenosis structure of ecosystems and its relation to tick density.
- Macroclimatic and microclimatic factors including exposure climate in relation to the height distribution of ticks.
- Eco - edaphic and substrate factors in interaction with tick abundance.
- Inputs and outputs of atmospheric pollutants into agro and hydro ecosystems.
- Monitoring of the structure of communities of epigeic fauna in selected ecosystems.
- Measurement of environmental literacy aspects of university students in teacher-oriented study discipline at FE CU.
- Monitoring of phytotherapy and its anti-cancer effects on mammary glands in rats.
- Monitoring the formation of the structure of bird communities of mountain spruce and mixed forests in relation to the history of natural disturbances in these habitats.
- Research on the nesting biology of selected songbirds under different conditions.
- Monitoring the dynamics of migratory songbird species in river bank stands.
- Exploring bioenergy resources.