



# CATHOLIC UNIVERSITY IN RUŽOMBEROK

—Shaping minds and hearts—

## FACULTY OF EDUCATION

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### Research at the Department of Geography

- Reflection of instability of global Earth systems in the Upper Cretaceous and Paleogene formations of the Western Carpathians
- Research of morphogenesis and morphochronology development of the relief of the Western Carpathians, especially of cave systems in Slovakia
- Analysis of factors influencing the occurrence of extreme water erosion
- Changes in landscape structure, especially secondary landscape structure, land use and land cover
- Validation of the European impermeability layer (map) in relation to built-up areas
- Creation, verification and application of population grids
- Demo-geographical and settlement-geographical analysis of selected regions
- UNESCO World Heritage sites in the life of municipalities, towns and regions
- Didactics of geography and teaching geography at primary and secondary schools