

## Paleolimnological and paleoecological analyses of lakes and mires in the Carpathian Basin based on chironomid and pollen remains 2016-2020 (GINOP-2.3.2-15-2016-00019)

This project contributes to the understanding of how climate change impacts the terrestrial and aquatic ecosystems, how biological proxies from lake and mire sediments can be used for quantitative climate reconstruction, with special focus on the last 2000 years. The project aims to compare climate model based climate reconstructions with proxy based reconstructions, and by pointing out the differences and similarities helps refining climate models that are also used to predict future climate change. Our study sites are in the Carpathian Basin (Lake Balaton, Lake Kolon, Lake Fekete) and in the Pareng-Latorica Mts (Lacul Iezer Latoritei)

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