1. **Long-term succession of Pannonian lakes and wetlands**
2. What was the main driver of the long-term succession of Pannonian lakes (water-depth or lake-level fluctuations)?
3. Which macrophyte taxa were predominant in the Pannonian lakes during different successional stages?
4. Can we reconstruct changes in water chemistry (e.g. alkalinity, pH, trophy status) based on the past aquatic macrophyte composition using transfer functions?
5. **Spreading of temperate species after the Last Glacial in the northern Pannonian Basin**
6. Which temperate species were present here at the beginning of the MIS 1?
7. Is here any evidence about presence of glacial temperate species refugia?
8. **Climate change and vegetation response**
9. How biota reacted on abrupt climate changes after the Last Glacial?
10. Are there any differences in comparison of local (macrofossil) and regional vegetation (pollen) speed response to abrupt climate change?