

Session 3. Applications of historical data in geography, land use, ecology and conservation.

Moderators: Dominik Kaim, Krzysztof Ostafin, Catalina Munteanu

Making sustainable decisions for the future greatly relies on understanding the past. But broad and complete understanding of past human-environment interactions is greatly hampered by data scarcity and data incoherence. Historical data, which is increasingly becoming available in digital formats has great potential to inform the scientific understanding of long term processes – such as legacy effects, shifting baselines, population collapses or recoveries. In this session we will present examples of how historical datasets can inform land use science, geography, ecology and conservation. We invite contributions from scientists representing different fields of science to present their example of historical data-related research of the Carpathians. Proposed time: 2 hours. Depending on the number of submitted abstracts, the session may include both regular presentations and flash talks.

Potential presentations:

Catalina Munteanu et. al – Broad scale historical datasets for Carpathian Conservation

Kaim D. et al. – High resolution 19th century buildings, railway and road network database for the Galicia and Austrian Silesia, Habsburg Empire

Ostafin K. et al. – Historical dataset of administrative units for the Galicia and Austrian Silesia 1857 – 1910.