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APPLICATION OF GEOINFORMATICS AND CROWDSOURCING INTO LANDSCAPE ARCHAEOLOGY.

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Rural landscape in Czech Republic and its way of use has changed significantly during last hundred years, in "contemporary" or "recent past". Mainly due to dramatic historical events and changes in the society and communities associated with them. To name most significant: World Wars; the expulsion of Germans after The Second World War and abandonment of their villages and rural system; populating of this location with new people; collectivization of agricultural terrains caused by Communistic regime; or border closure because of construction of the Iron Curtain.

Important witnesses of these dynamic processes are historical photographs. They reflect cultural, social and economic developments, nature and climate changes. In the same time, they provide a basis for the interpretation of past events, activities and situations. Moreover, historical photographs are for the public emotional documents and visualisations of historical situations and a vehicle of memories of past cultures in general. The following poster, presenting preliminary results and concepts of the interdisciplinary and trans border project PhotoStruk, focuses on geoinformatics and crowdsourcing based approaches to speed up the process of classification and meta documentation. Together with methods of non-destructive archaeology and history, they allow investigation and reconstruction of abandoned settlements, landscapes, land use and cultural assets. In addition, describes how important historical events affects the landscape. The developed method and tools are tested on a collection of photographs from the archive of the Museum Fotoateliér Seidel in Český Krumlov, Czech Republic. It contains 140 000 photographs taken from the late 19th century until the 1950s. Its digital collection composed by 20 000 photographs is holdings with many undocumented and wrong tagged images with contains important information of destroyed or abandoned villages, landscapes and cultural heritage.

Keywords

Transformation of landscape
abandoned settlements

Note/comment