

Documentation, digitizing and presentation of endangered cultural heritage in frontier region of north-western Bohemia

The main focus of this project is to perform a basic documentation of the historical buildings for hops processing. These buildings are part of architectural assets bound to the specific natural conditions occurring only in some regions. These conditions constitute an important part of the urbanism of towns and cultural countryside. There has not been given any scientific attention to the development, function, constructions or the technological equipment used on these buildings. In addition, these buildings (except several) are not historically protected. With respect to size, these buildings are of a great financial burden to their owners and have lately been subject to a large scale of demolition. Out of more than 5400 of these buildings listed in the beginning of the 20th century in Zatec hops region itself only hundreds have been preserved. Hence, the documentation is the last possibility of recording these buildings for the future. As part of the basic documentation of the buildings (undoubtedly identification, photo-documentation, the documentation of the specific construction solutions, technological equipment and technological state of proving the hops processing) the targeting and sample collection for dendro-chronical dating of selected buildings will be performed. The archive research will be part of the study as well. Based on this evidence a special map and IISPP/GIS NPÚ based database will be created. A highly easy-to-use system will be created using sophisticated technology (phones with cameras and GPS modules, tablet PCs, remote network access to the external scanned document storage and remotely accessible GIS and MIS map databases). This system will enable operational field documentation and based on this experience a methodology will be created that describes the use of this widely available technology in basic field architectural documentation.