

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

Main objective of the project is to contribute to preservation of cultural heritage in the frontier region of the Northwestern Bohemia which with respect to its historical burden and its current state belongs to one of the most problematic areas in the Czech republic. The project will be carried out through following partial objectives: 1. For selected endangered monuments make detailed geodetic and photogrammetric documentation, stereophotogrammetry, creation of 3D models, digital nondestructive diagnosis of constructions and materials, thermoluminescent camera measurements, X-ray analysis. 2. Create methodology for documentation and digitalization of particular types of endangered monuments. 3. Make database of endangered immovable cultural heritagewith respect to technical state of particular monuments, updating of data concerning technical state of particular monuments. 4. Creation of the appropriate data package of the endangered objects on behalf of the monumental care in the technical and methodical structure of the current system IISPP/GIS/NPÚ. The visualization enables the special map of the selected types of the endangered monuments, including its typology. 5. Create special map of endangered monuments including typology of particular groups: ecclesiastical architecture, folk architecture, town houses, smaller monuments. Maps will be an open application for further data update. 6. Create reconstructional map of the landscape, development of the landscape, interpretation and creation of reconstructional maps, spatio-temporal development of the landscape structure (land use ? land cover), spatio-temporal changes of settlements areas. 7. Implementation of a pilot exhibition project called „Milešov - changes of landscape in Middle Ages and in Modern Times“ which would present documentation and digitalization of immovable cultural heritage on example of the uniquely preserved Baroque landscape and monuments in the area of the village Milešov.