
IDENTIFICATION OF REGIONS VULNERABLE TO DEFICITS IN WATER RESOURCES IN THE CZECH REPUBLIC

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Key words: hydrological balance — climate change
— BILAN model — droughts

The results presented in this paper originate from the research conducted by the Hydrology department of the T. G. Masaryk Water Research Institute, p.r.i., within a project “Landscape strategy protection against negative impacts of floods and erosion processes using actions in consistent with nature in the Czech Republic”. Vulnerable regions of the Czech Republic in terms of lack of water resources were identified. The degree of vulnerability was defined for 3rd order watersheds for the observed (1981–2010) and scenario (2021–2050 and 2071–2100) periods using three different climate change scenarios. The article presents the applied methodology and description of the most important results achieved in the project.