

Abstract

The idea of renovation of former small water reservoirs (splash dams) that were used while log driving is coming to the fore in connection with an effort to gradually increase water retention capacity and to reduce runoff variability in headstream areas. On the basis of study of historical sources and literature and own field research this bachelor's thesis describes causes of origin and period of origin of the Giant Mountain's splash dams and deals with the function and the location of the splash dams in the field. The thesis also focuses on their current state. A total of 22 Giant Mountain's splash dams built mainly in the second half of the 16th century were traced. Half of them were accurately located, the rest of the splash dams were located with an accuracy of watercourses. In the thesis there are 6 diverse localities described in detail, selected from the accurately located splash dams e.g. on the base of degree of the splash dam's preservation or degree of the anthropogenic influence on the watercourse.

Key words: log driving, splash dam, Giant Mountains, history, current state