



Structural measures to cope with floods: KULTURisk case studies

S. Schnabl (1), M. Brilly (1), N. Humar (2), and A Kryžanowski (1)

(1) University of Ljubljana, Chair of Hydrology and Hydraulic Engineering, Ljubljana, Slovenia (sschnabl@fgg.uni-lj.si), (2) Hidrotehnik VG d.d., Ljubljana, Slovenia

The paper presents a critical review of structural measures that were taken to cope with floods in some cities along the Danube River, such as Vienna, Bratislava, Belgrade. These cities are also taken as case studies within the KULTURisk project. The structural measures are critically reviewed and compared to each other. Also an analysis of costs and benefits of different structural measures is made. Based on this analysis some suggestions are given how to improve the flood defense in urban areas.