

Abstract

Flemish / Dutch cooperation in water management: web based tools in perspective

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To gather valuable experience in transnational and modelling cooperation between water managers in transnational river basins, the nofdp project defined the project "Transboundary Studies". The catchments of the Dommel and the Mark in the south of the Netherlands were selected because the existing joint river basin committees and partners of the nofdp project want to improve the transnational cooperation. In both river basins there are similar problems with flooding and water quality which have a transboundary cause and effect. A transnational Decision Support System (DSS) has been developed to help planners to identify suitable areas for water storage and water conservation to prevent flood and drought damage, taking into account hydrological and ecological parameters. Furthermore, the DSS should be suitable for communication with participants in the planning process. Another aim of the study was to communicate the project results of the transboundary studies to committee members of the Mark and Dommel river basins and the water managers in these areas. For this purpose the website <http://www.waterzondergrenzen.org> was developed.