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## **Flood adaptation strategy in Poland and Norway**

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### **ABSTRACT**

This work draws an attention to the need of taking into account climate change in preparation of flood adaptation strategies. The achievements of Polish water management boards in the implementation of EU provisions on the flood risk management strategy are described. The cooperation of water management boards with administrative units at all levels-from the local through regional to national level is outlined. The results of the analysis of flood hazard and flood risk are illustrated using two catchments, one from Poland and one from Norway. The results of the Norwegians' analysis are treated as a set of good practices. Particular emphasis is given to the problem of spatial planning in both countries, which is a key element for increasing the flood adaptive capacity and flood risk reduction. The research has been done within the project "Climate Change Impact on Hydrological Extremes" (CHIHE).