



## **Documentary evidence of economic character as a source for the study of hydrometeorological extremes**

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Various human activities, such as agriculture, forestry and water management, have always been influenced by climate variability and hydrometeorological extremes. From this reason historical economic records often include information about contemporaneous weather as well as descriptions of its impacts. This study deals with the interpretation of hydrometeorological extremes for the territory of Moravia (eastern part of the Czech Republic) derived from taxation records and reports of domain and estate administrators. Information obtained reflects the occurrence of floods, convective storms (including hailstorms), windstorms, late spring and early autumn frosts. Based on data from eight domains or estates, frequency series of floods and convective storms (including hailstorms) were compiled for the period 1650–1849. Detail analysis of disastrous weather event from 10 August 1694 in the Pernštejn domain is used to demonstrate the potential of such data for the study of hydrometeorological extremes and their impacts on human activity. Another example is analysis of data about tax reduction due to hailstorm damage on agriculture crops in Moravia in the period 1896–1906.