Enhanced signals of changes in soil moisture conditions in the first decades of the 21st century - Vistula catchment study

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Human and Climate Impacts on Drought Dynamics and Vulnerability

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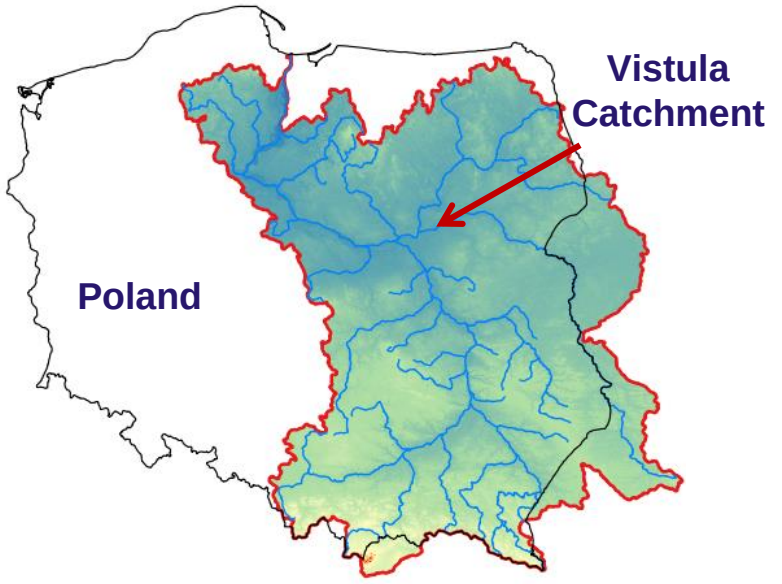
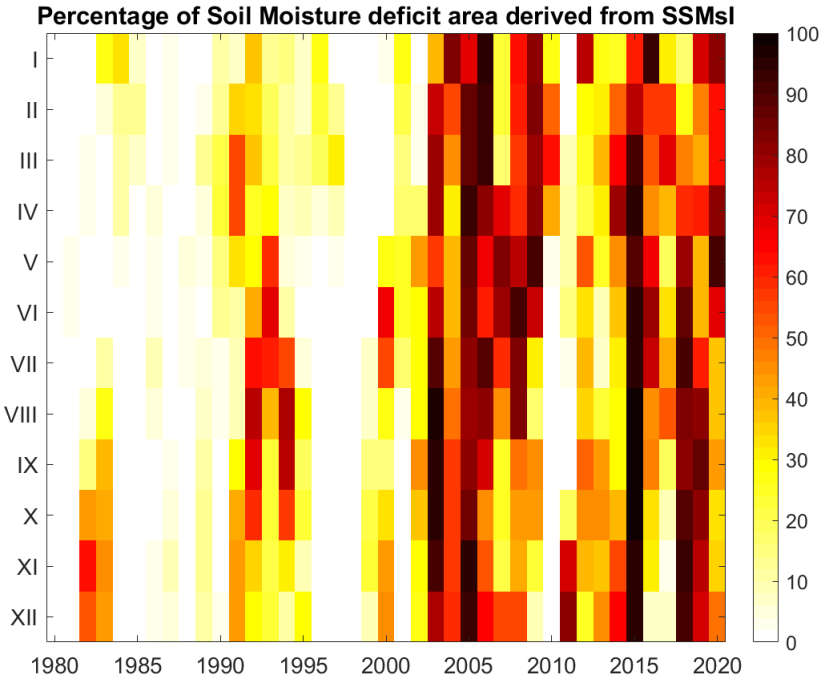
This study examines changes in soil moisture and evaporative stress conditions for the period 1980-2020. The analysis is based on daily data derived from the model-based estimates of soil moisture and evapotranspiration - Global Land Evaporation Amsterdam Model (GLEAM).



The key scientific questions:

- Is a drying trend observed in the Vistula catchment?
- Which parts of the Vistula catchment are most significantly affected by the drying trend?
- How are changes in soil moisture manifested in a seasonal perspective?



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