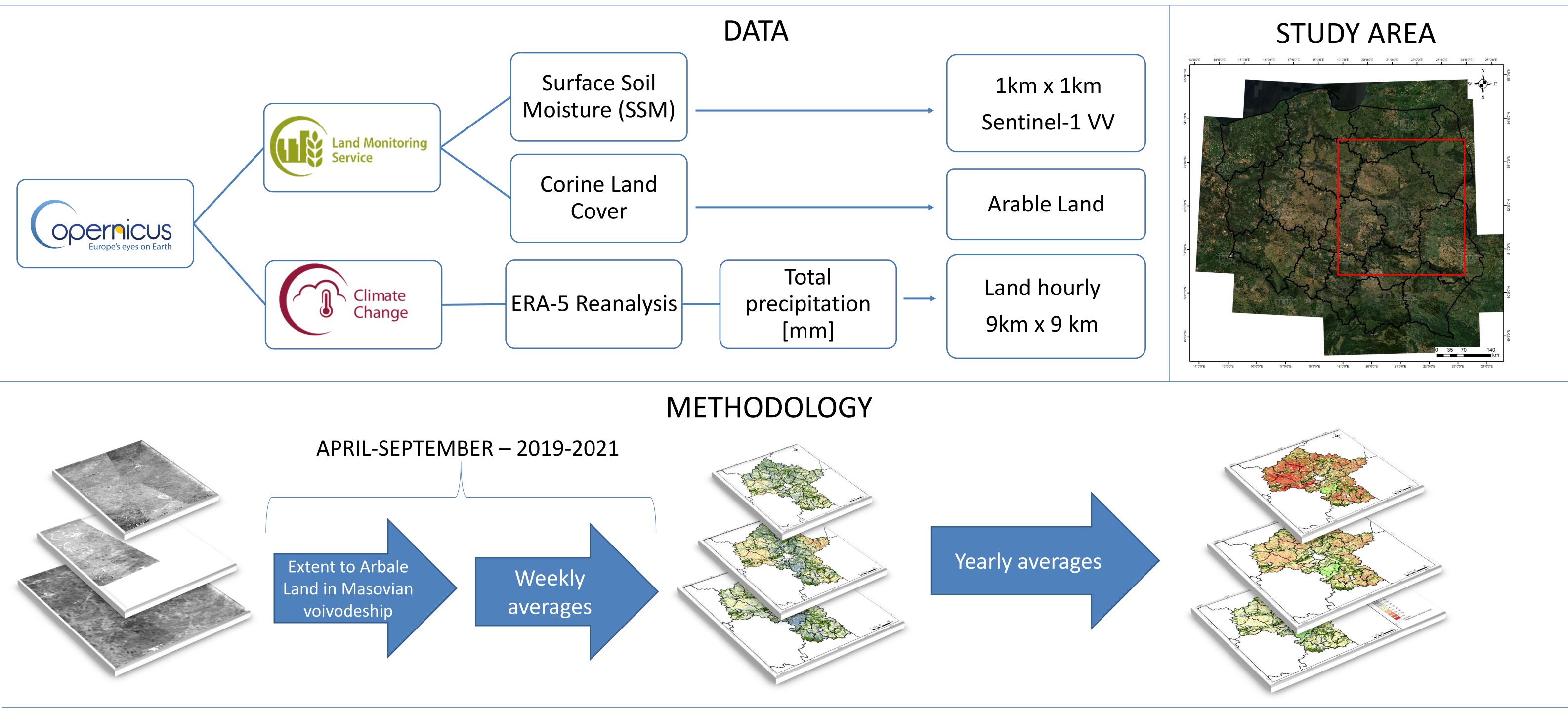
SURFACE SOIL MOISTURE (SSM) OVER THE MASOVIAN VOIVODESHIP IN POLAND

Patryk Grzybowski¹, Katarzyna Dąbrowska-Zielińska¹, Karol Paradowski¹, Magdalena Łągiewska¹, Ewa Panek¹

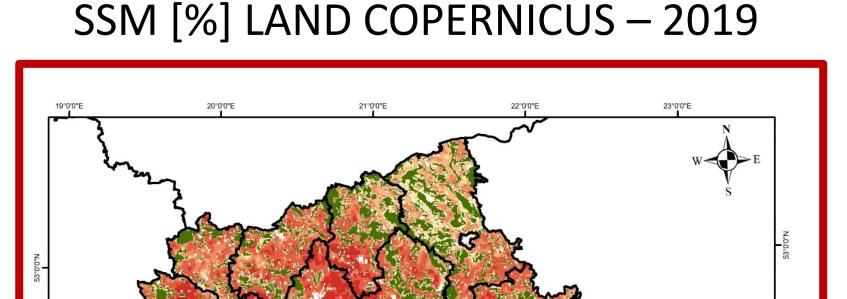
¹ Remote Sensing Centre, Institute of Geodesy and Cartography, Warsaw

THE OBJECTIVES

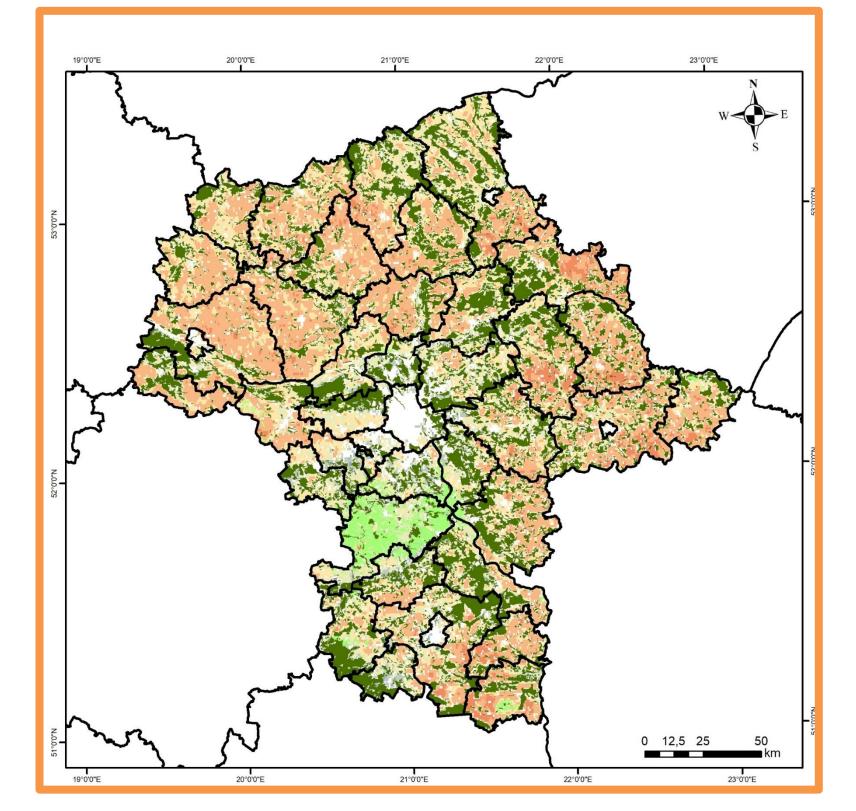
The aim of this study was to provide information in the form of maps, charts, and a description of changes of soil moisture of agricultural areas, with particular emphasis on meadow areas, for the Masovian Voivodeship (NUTS2). For this purpose, the data of the Copernicus programme was used. Data were collected and compiled for the entire voivodeship (NUTS2) and districts (NUTS3).



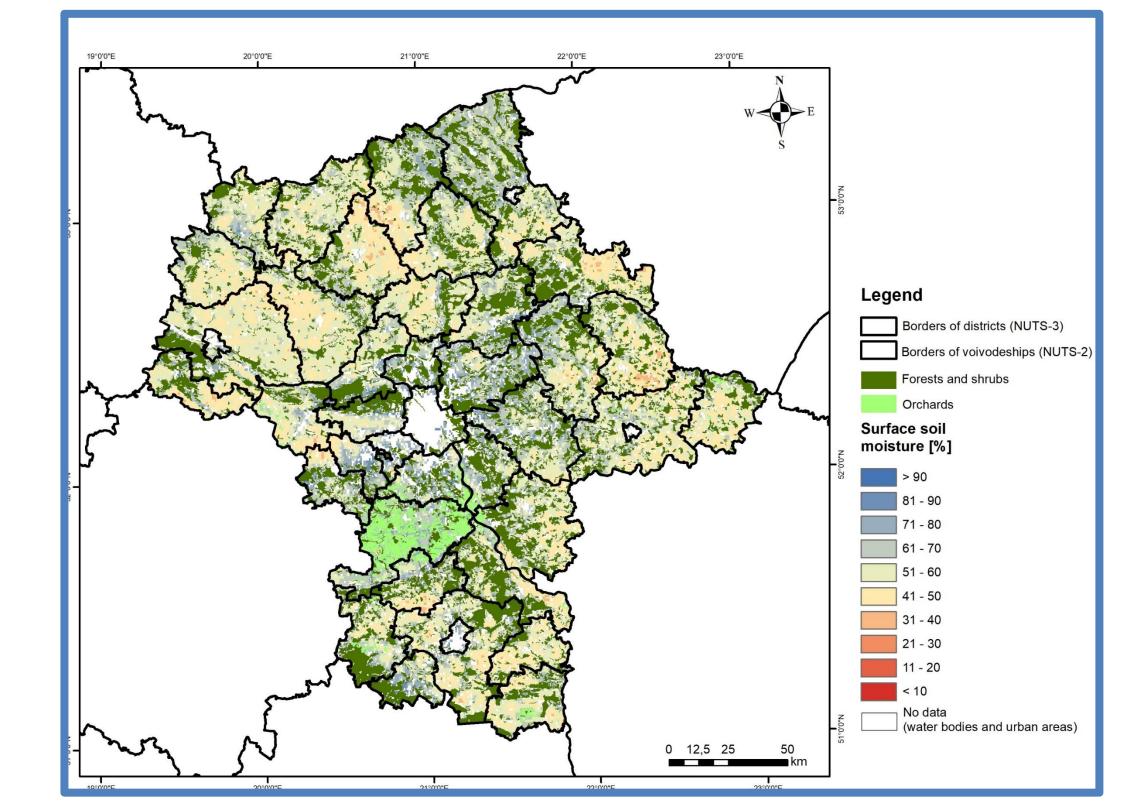
RESULTS

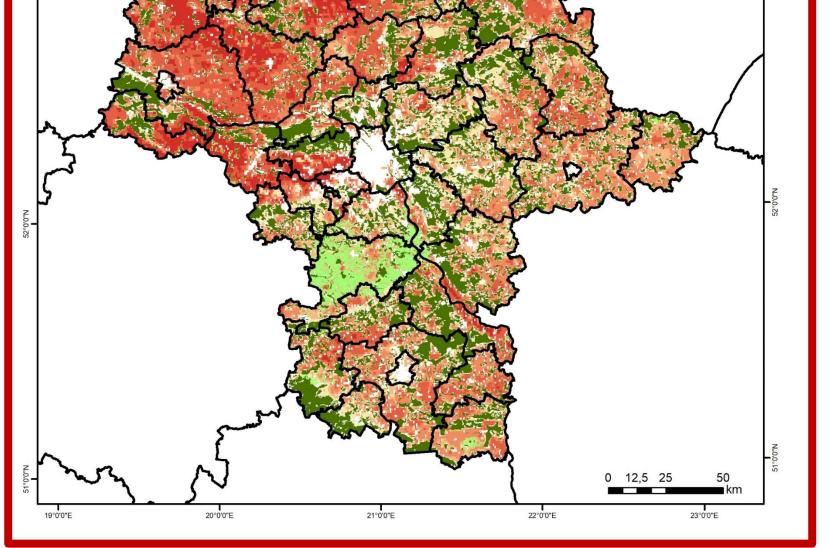


SSM [%] LAND COPERNICUS – 2020

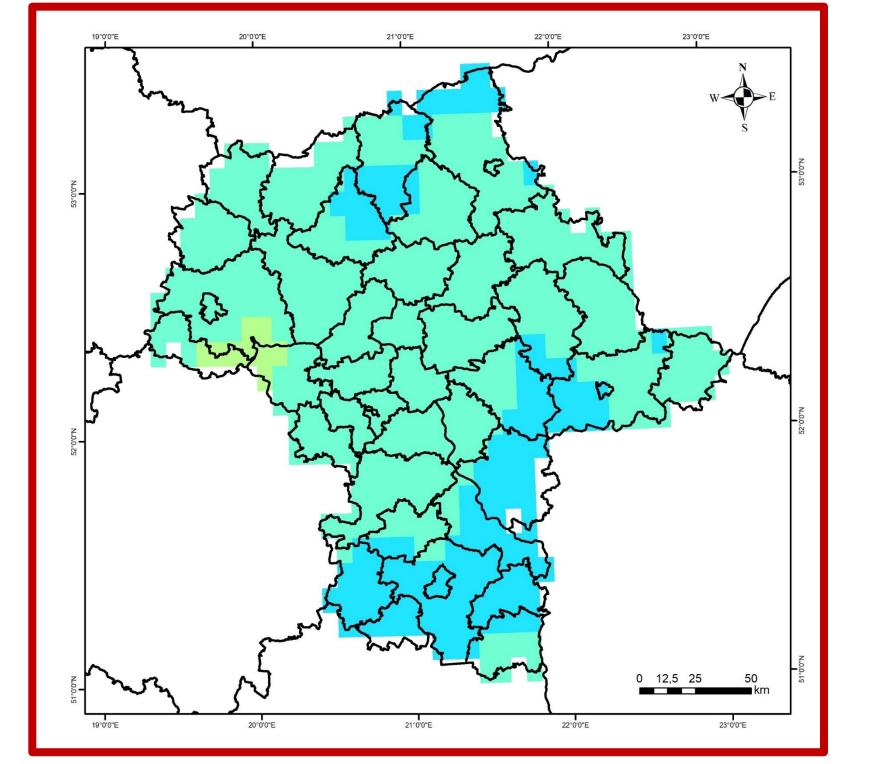


SSM [%] LAND COPERNICUS – 2021

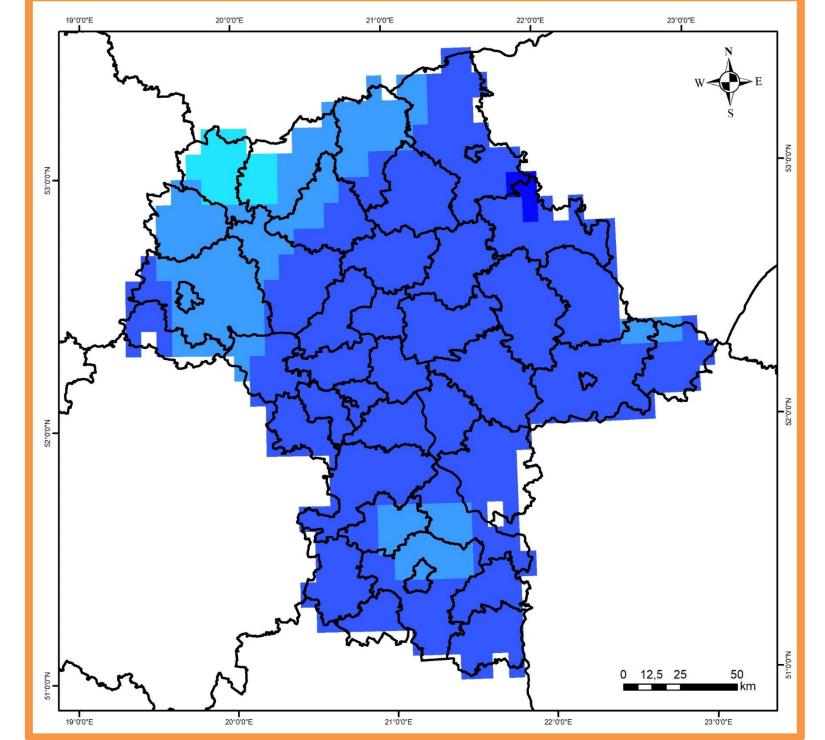




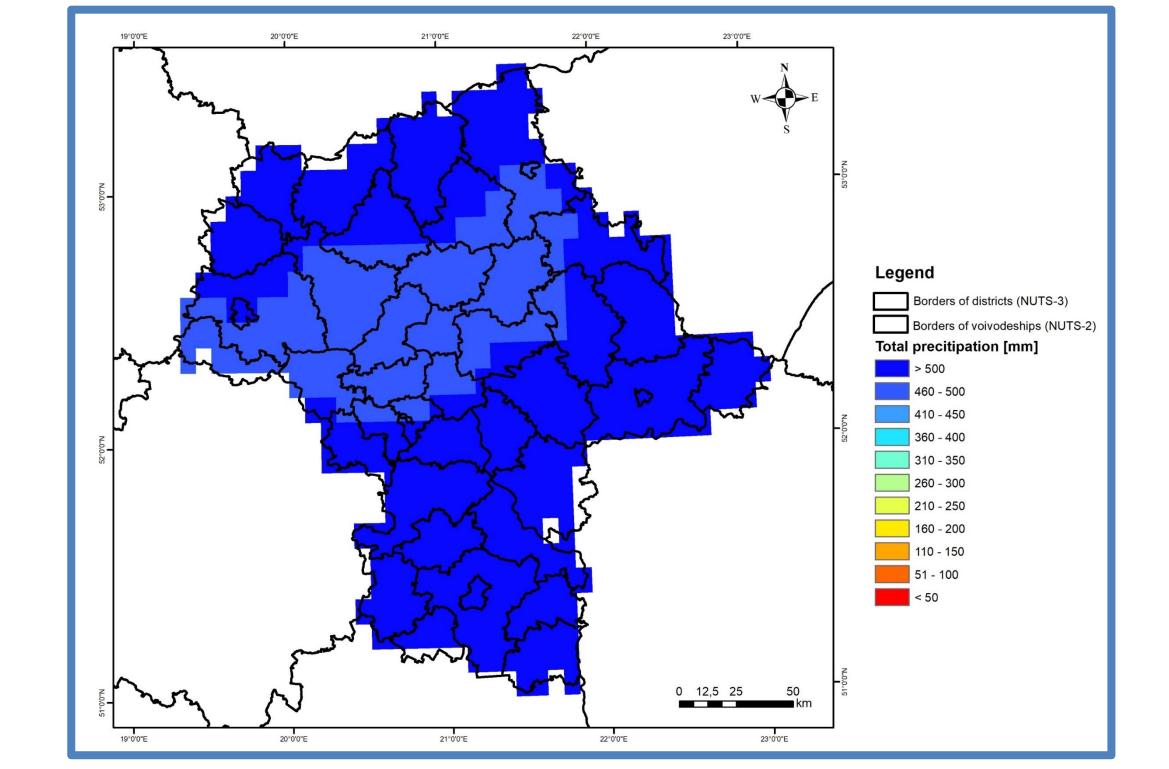
TOTAL PRECIPITATION [MM] ERA-5 - 2019

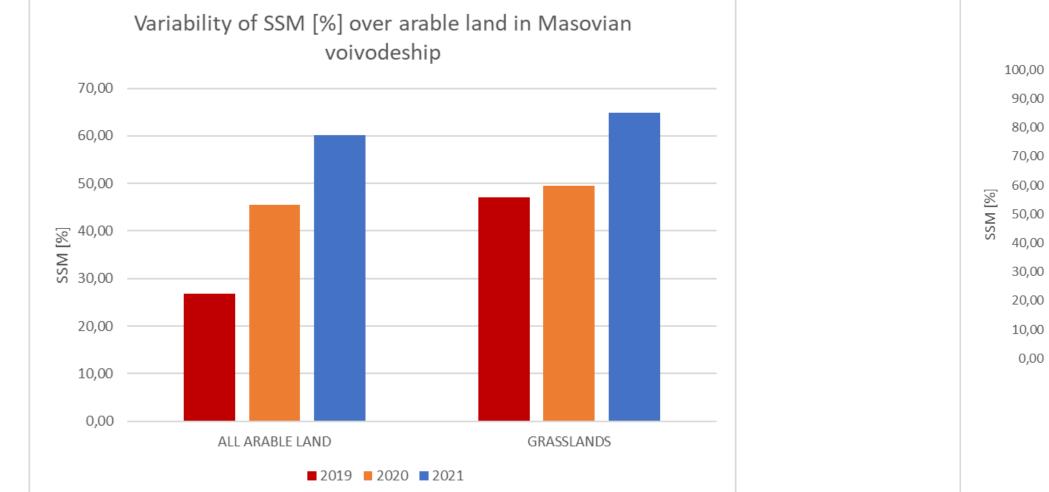


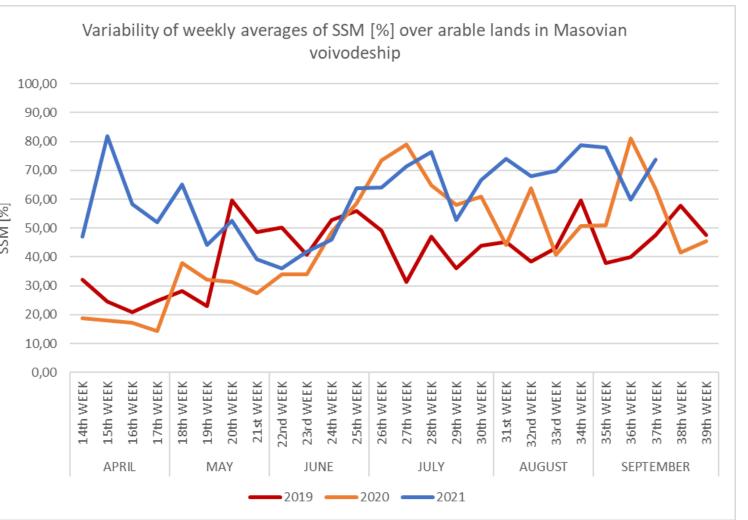
TOTAL PRECIPITATION [MM] ERA-5 - 2020

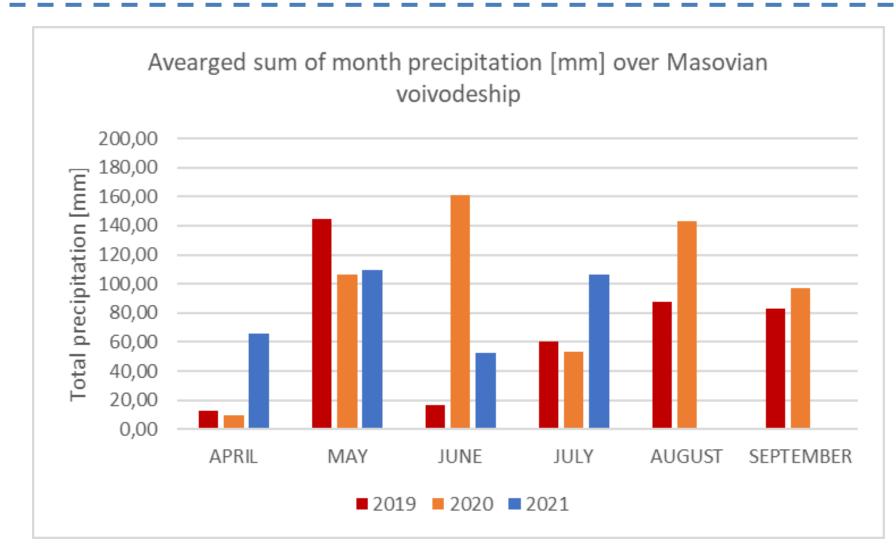


TOTAL PRECIPITATION [MM] ERA-5 - 2021









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REMOTE

SENSING

CENTRE

The research work was conducted within the project financed by the European Space Agency, titled "Development of Standardized Practices for Monitoring Landscape Values and Natural Capital Assessment (MONiCA)". The end user of the project is the Mazovian Voivodship Office.

