

DROMAS Pilot project on monitoring permanent crops using Sentinel data - SZIF experience

Státní zemědělský intervenční fond (SZIF)

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The aim of the research DROMAS project was monitoring of vegetation status during vegetation period of permanent crops (Vineyards, Hop yards, Orchards) acquired by using SENTINEL satellites and visualization of results for all monitored parcels via web portal.

The monitoring of permanent crops (Vineyards, Hop yards, Orchards) was tested and demonstrated during the period 01/2021 – 04/2022. DROMAS project was implemented within the frame of “ESA Business Applications” under the auspices of the European Space Agency (ESA). The technical partner of the project was company GISAT.

The use of knowledge and outputs derived from the project will be used for the implementation of the new CAP programming period, in particular the Area Monitoring System (AMS) from 2023.