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### **Satellite Data Archive**

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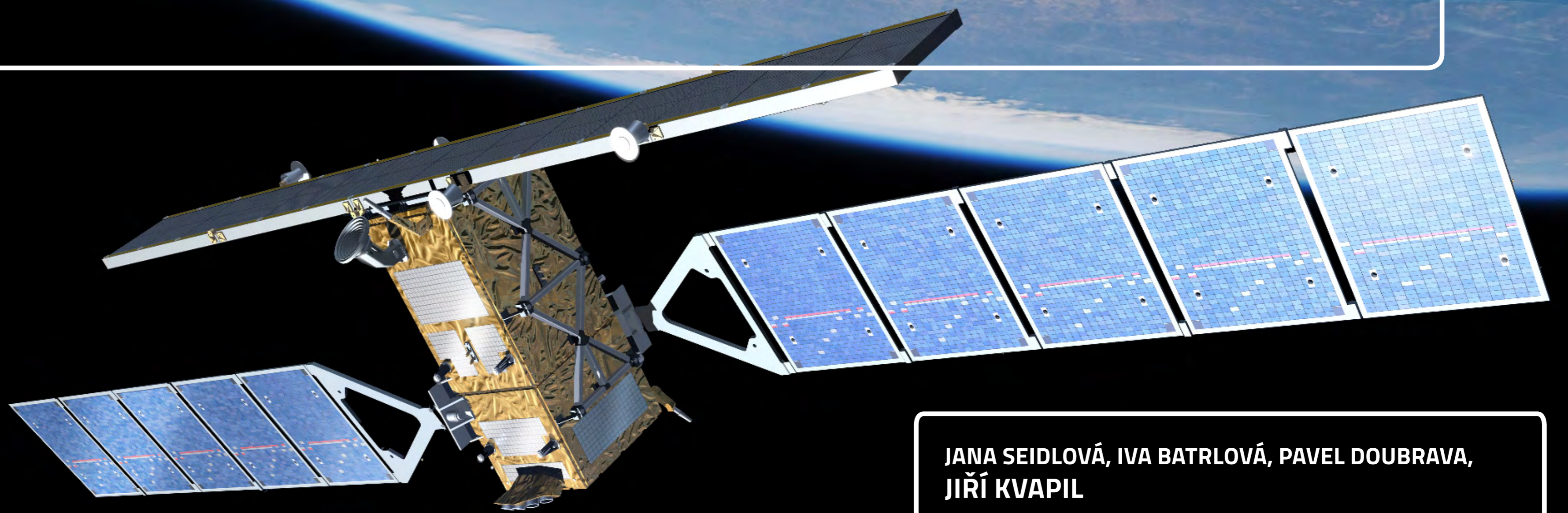
Dílo je chráněno podle autorského zákona č. 121/2000 Sb.

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# SATELLITE DATA ARCHIVE

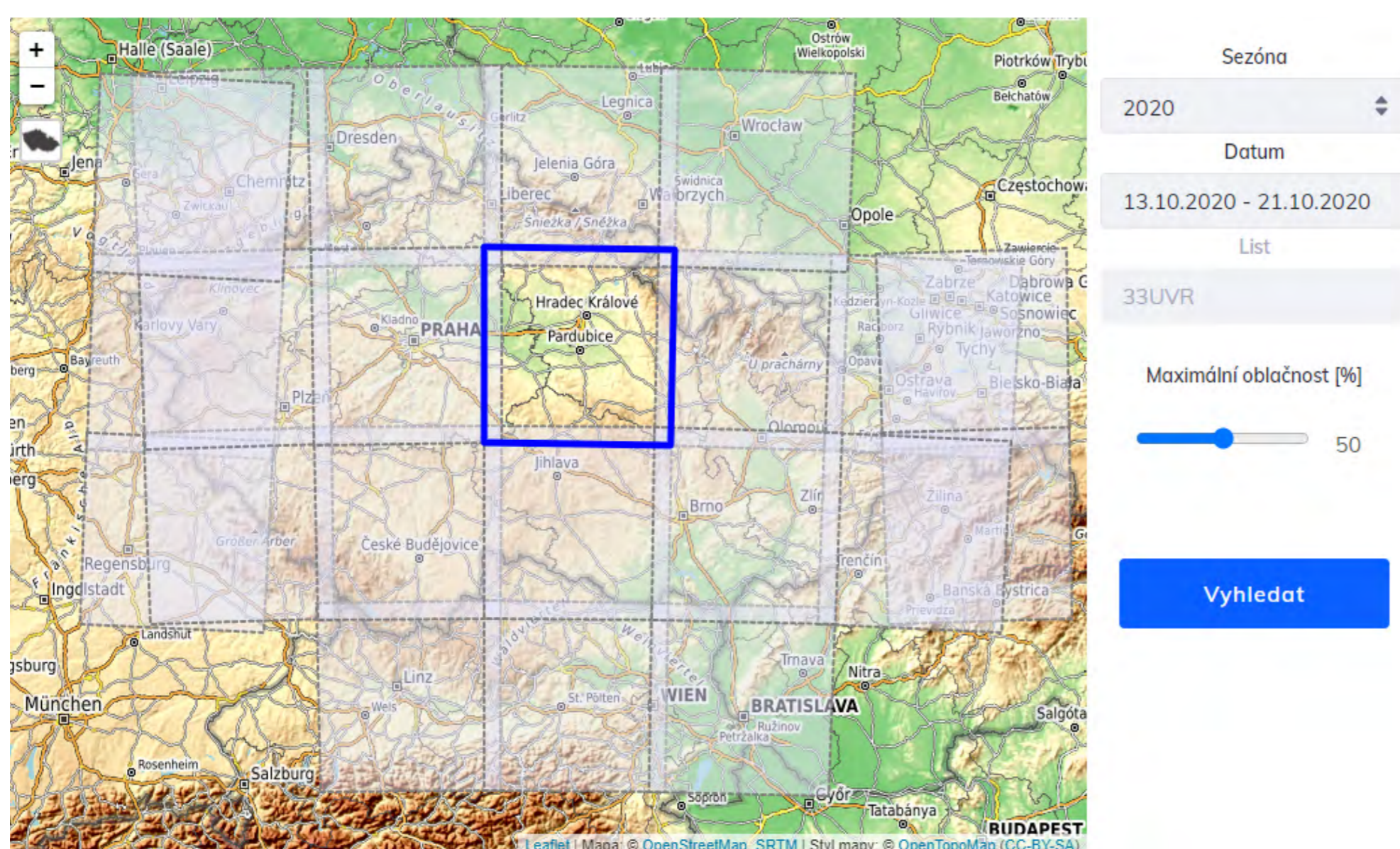
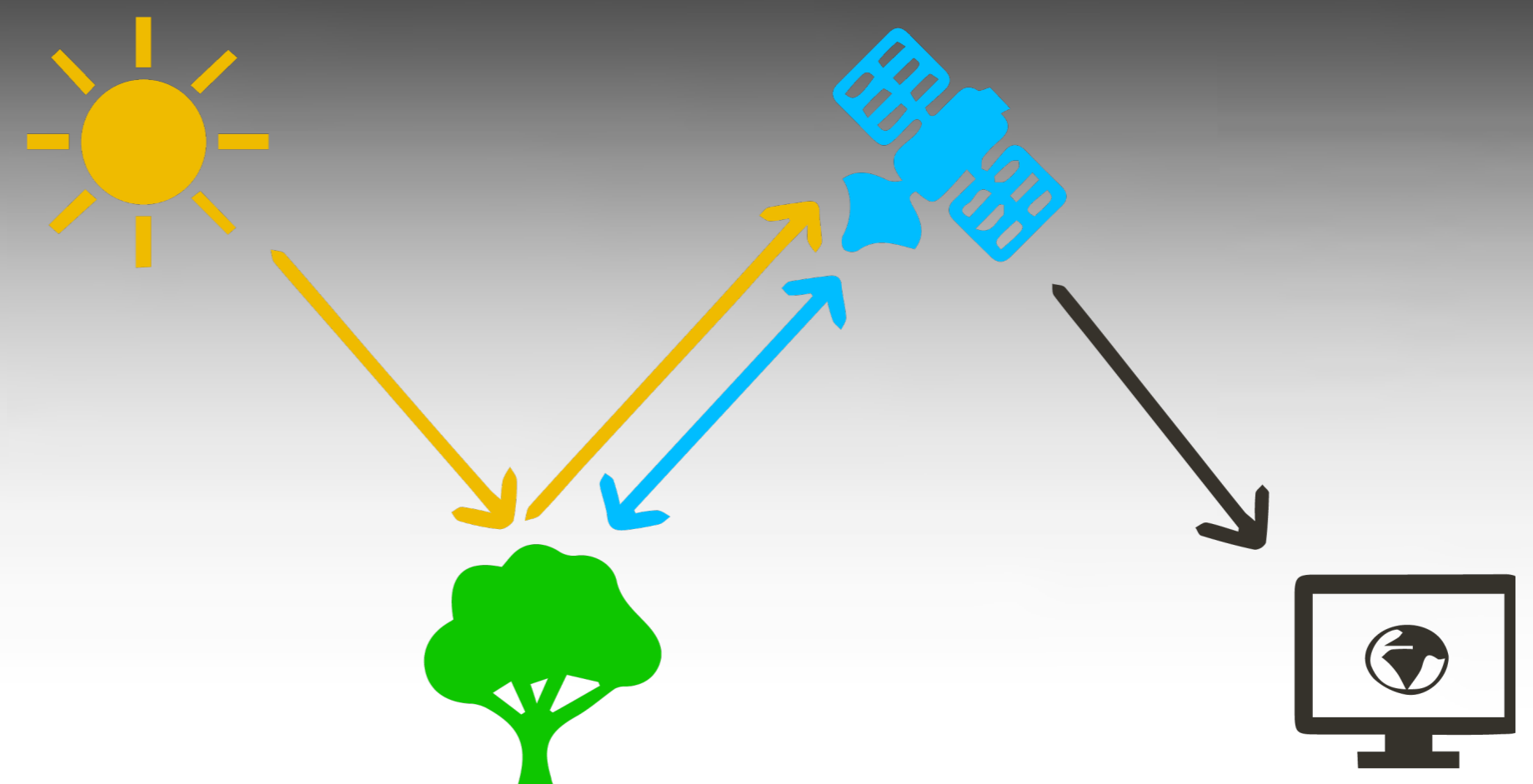


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Remote Sensing Laboratory at CENIA has developed and made available to the general public the Satellite Data Archive information system.

The Archive makes Sentinel-2 data available to its users for the territory of Czechia from 2016 to the present day, always during the growing season from 1<sup>st</sup> April to 31<sup>st</sup> October. The same area is spotted about once every three days. Scenes recorded during the previous day are continuously added as well as the products made from them.



Images are available after calculating atmospheric corrections at the L2A processing level and also several products are derived from them, generated by the Archive software. The raster data layers in the Archive are provided in GeoTIFF format. Normalized difference vegetation index (NDVI) scenes are offered in the original coordinate system (UTM33N). RGB scenes in the S-JTSK coordinate system are also available for visual interpretation or temporal analysis of territory development without the need for any specialized software.

The Satellite Data Archive makes remote-sensing data available to experts as well as the broadest public without the requirement of knowing how to work with spatial data or owning a specialized software, the RGB "picture" can be opened in any graphic software making it possible to see how the territory of interest changes in time.

The archive will grow in the near future to make data available for other satellite missions such as Sentinel-1 and Landsat satellites.

The application is available on the website of the Remote Sensing Laboratory at <https://dpz.cenia.cz/archiv>.

Remote sensing laboratory

Zadané parametry:  
List: 33UVR  
Maximální oblačnost: 20 %  
Od: 2020-08-31, Do: 2020-11-10

Info Počet nalezených scén: 3

Družice	Náhled	NDVI	Scéna	List	Držba	Obláčnost	Datum	Velikost
Sentinel-2A			S2A_MSIL2A_20200912T100031_N9999_R122_T33UVR_20200913T053121 Produkty v původním souřadnicovém systému (UTM32N/UTM33N/UTM34N): • Atmosférické korekce (zip/PEG 2000 - L2A, 13 spektrálních pásem) • NDVI scéna (GeoTIFF) Produkty v S-JTSK: • RGB kompozice (GeoTIFF) • NDVI scéna (GeoTIFF)	33UVR	122	4.905428	2020-09-12	941M
Sentinel-2A			S2A_MSIL2A_20200915T101031_N9999_R022_T33UVR_20200916T053103 Produkty v původním souřadnicovém systému (UTM32N/UTM33N/UTM34N): • Atmosférické korekce (zip/PEG 2000 - L2A, 13 spektrálních pásem) • NDVI scéna (GeoTIFF) Produkty v S-JTSK: • RGB kompozice (GeoTIFF) • NDVI scéna (GeoTIFF)	33UVR	22	0.308018	2020-09-15	1.3G
Sentinel-2B			S2B_MSIL2A_20200920T100649_N9999_R022_T33UVR_20200921T054619 Produkty v původním souřadnicovém systému (UTM32N/UTM33N/UTM34N): • Atmosférické korekce (zip/PEG 2000 - L2A, 13 spektrálních pásem) • NDVI scéna (GeoTIFF) Produkty v S-JTSK: • RGB kompozice (GeoTIFF) • NDVI scéna (GeoTIFF)	33UVR	22	0.281001	2020-09-20	1.2G

