



Natural Region Carnuntum - a web map of the Carnuntum wine-growing area

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Utilizing web map services and a web map application the results of a three-year study of the vineyards of Carnuntum are made easily accessible to winemakers and the general public.

During the study the vineyards of Carnuntum have been investigated for their terroir characteristics and major viticulture functions. As a result, various thematic layers and geodata analyses describe the geo-environmental properties and variability of the wine growing region and delimit homogenous multilayer mapping units by using a Geographic Information System.

On the basis of the study report, which combines written text and printed maps to present these results, the thematic layers and geodata analysis results have been converted to multilayer web services and an accompanying web map application.

The web map gives access to grouped thematic layers which represent climate, soil, geochemistry, geology and apparent resistivity maps.

Using a web map interface with on screen navigation to areas of interest and selection of layers for display in any desired combination, the study results are made available to winemakers of the region and to the general public.

The web map Natural Region Carnuntum shall primarily serve as an information tool but is also intended to communicate and propose scientific research for the investigation of wine-growing regions.