EEA geospatial data catalogue

# Hydrographic vector features digitised from historical topographic maps

Historical military topographic maps have been the basis for the digitisation of hydrographic features mapped in the period from 1816 to 1869. The digitisation was carried out in three different areas of interest (“pilot areas”) in the Danube River basin:

1) Lower and Upper Austria, 2) Balta Brailei - Wallachia, and 3) Drava River Catchment.

The historical maps were provided by the Arcanum portal ( https://maps.arcanum.com/en/)

The historical mapping was made in a time before barries, embankment and straightening of the European rivers was executed. The vector data obtained from the historical maps is propably the closest one can ever get to the originally hydrography of Europe.

The objective with these datasets are to support the process of restoring Europe's free flowing rivers as part of the EU's biodiversity strategy for 2030 ( https://environment.ec.europa.eu/strategy/biodiversity-strategy-2030_en). The strategy aims to put Europe's biodiversity on a path to recovery by 2030, and contains specific actions and commitments. Among them, the restoration of 25,000 km of rivers through removals of dams, channels, barriers, etc. is highlighted.

## Simple

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|---|---|
| **Date (Publication)** | 2022-11-30 |
| **Citation identifier** | eea_historical-hydrographic_s |
| **Point of contact** | **Organisation name** / **Individual name** / **Electronic mail address** / **Website** / **Role**<br>European Environment Agency / / sdi@eea.europa.eu / http://www.eea.europa.eu / Point of contact |
| **Continents, countries, sea regions of the world.** | • Romania<br>• Austria |
| **Keywords** | |
| **Keywords** | |
| **EEA topics** | • Water |
| **GEMET** | • hydrography<br>• natural areas, landscape, ecosystems<br>• river<br>• restoration of water<br>• water body<br>• environment<br>• historical evolution<br>• hydrology |
| **GEMET - INSPIRE themes, version 1.0** | • Hydrography |
| **Spatial scope** | • European |
| **Aggregate Datasetindentifier** | 4e9a3bd2-836e-49e2-87ad-80ac9756c4ee |
| | Is composed of |

| | |
|---|---|
| **Association Type** | |
| **Aggregate Datasetindentifier** | faef9c3f-2d53-46be-81a2-e533f9ba88b5 |
| **Association Type** | Is composed of |
| **Aggregate Datasetindentifier** | 2cfd333e-0e90-4761-b7f9-b858e22ae511 |
| **Association Type** | Is composed of |
| **Spatial representation type** | Vector |
| **Denominator** | 10000 |
| **Language of dataset** | English |
| **Character set** | UTF8 |
| **Topic category** | • Environment<br>• Inland waters |

| | | | | | | | |
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| 47.19 | N | 46.31 | S | 15.07 | E | 12.10 | W |

| 48.36 | N | 47.79 | S | 14.78 | E | 13.57 | W |
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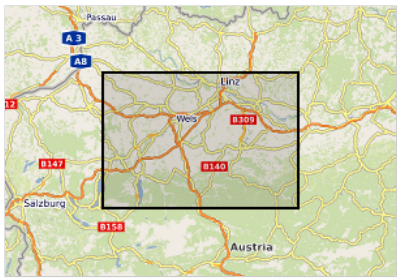

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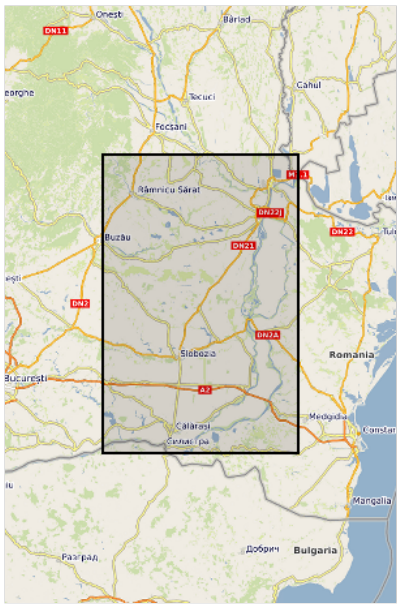


| | |
|---|---|
| **Begin date** | 1816-01-01 |
| **End date** | 1836-12-31 |
| **Begin date** | 1819-01-01 |
| **End date** | 1869-12-31 |

## Metadata

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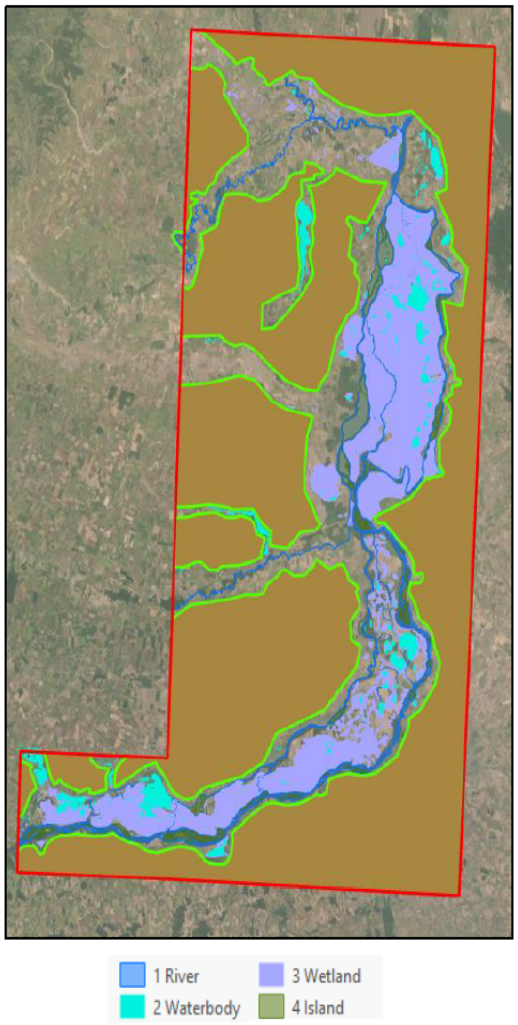
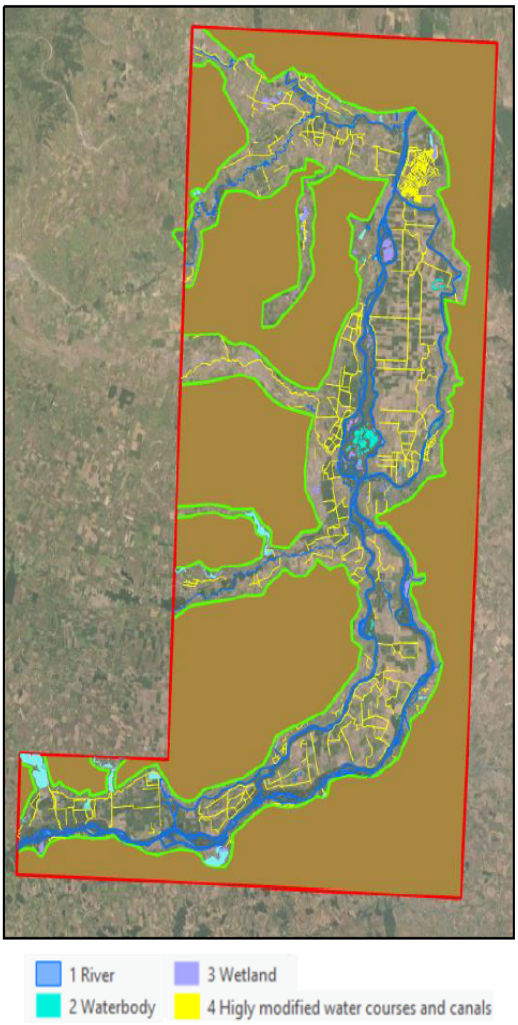
|---|---|
| **File identifier** | ed2490e5-ac7f-4061-a8af-e6648b047ba8 XML |
| **Metadata language** | English |
| **Character set** | UTF8 |
| **Hierarchy level** | Series |
| **Date stamp** | 2024-03-17T10:19:00.968206Z |
| **Metadata standard name** | ISO 19115:2003/19139 |
| **Metadata standard version** | 1.0 |

## Overviews

Hydrological features digitalised over **Wallachia historical map** (1855-1859)




Hydrological features contained in the **Riparian zones** layer (reference year 2018)

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