Regional infrastructure of spatial information

Geoportal of Košice Self-Governing Region
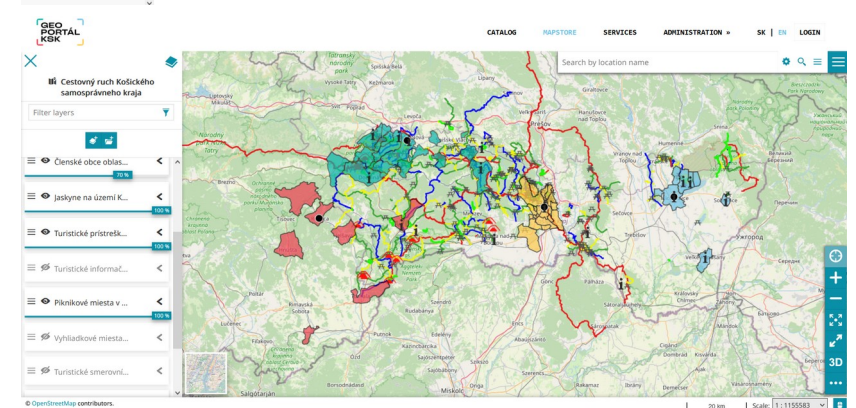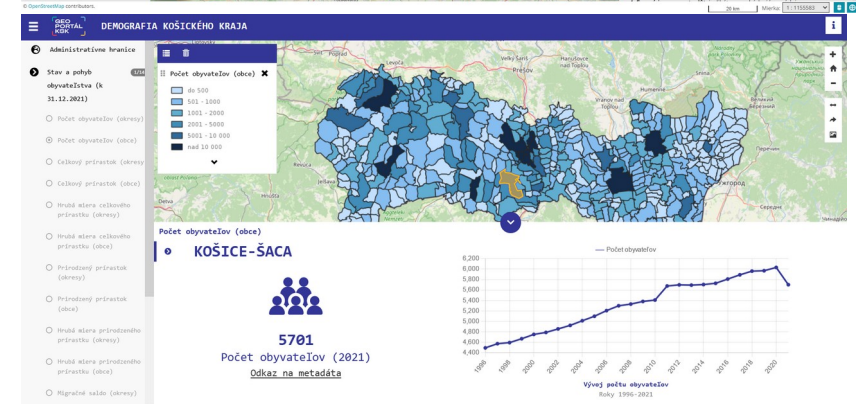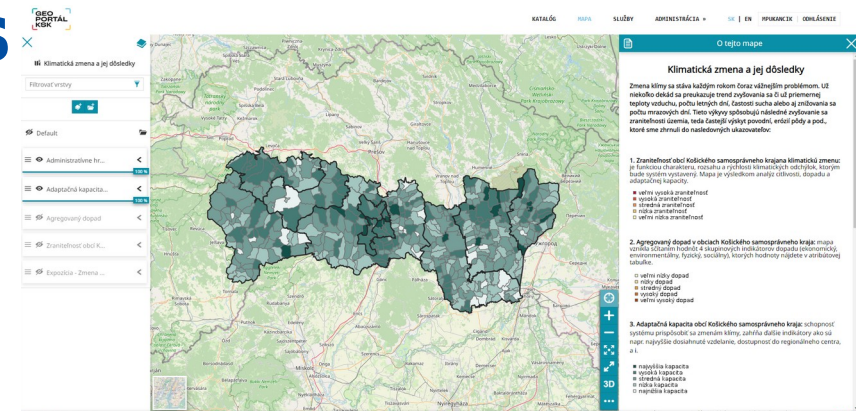
www.geoportalksk.sk

Deploying of Geoportal KSK

- KSK decided to use open source software's

- from 04/2022 (222 datasets, 24 map aplications, 92 % open data)

- in cooperation with World Bank

- based on geOrchestra

- data processing in QGIS

- harvesting of national data

- ...

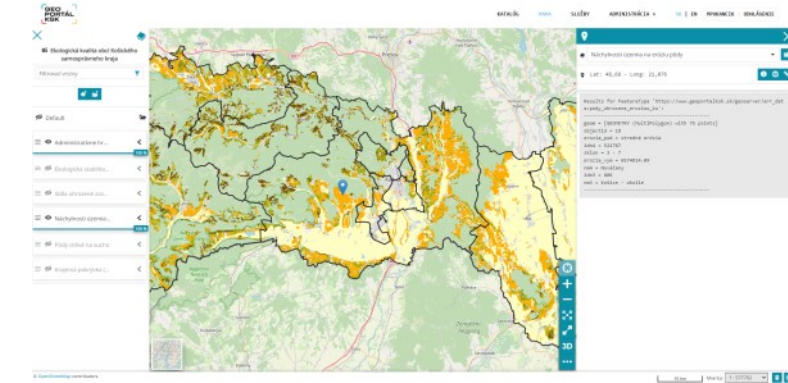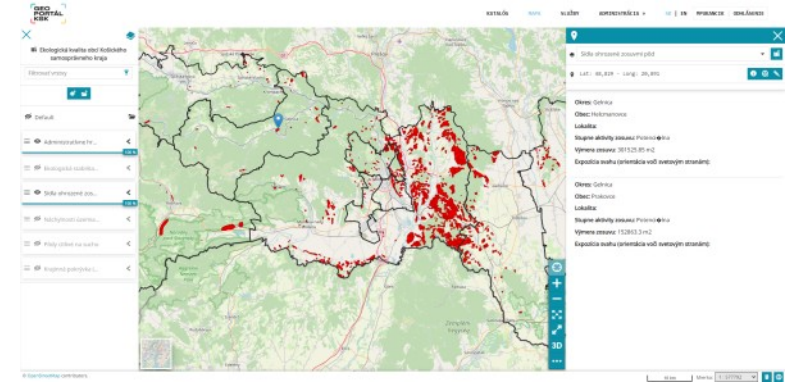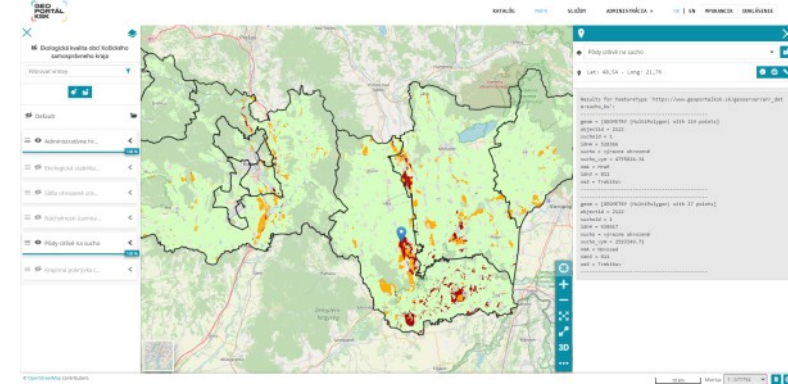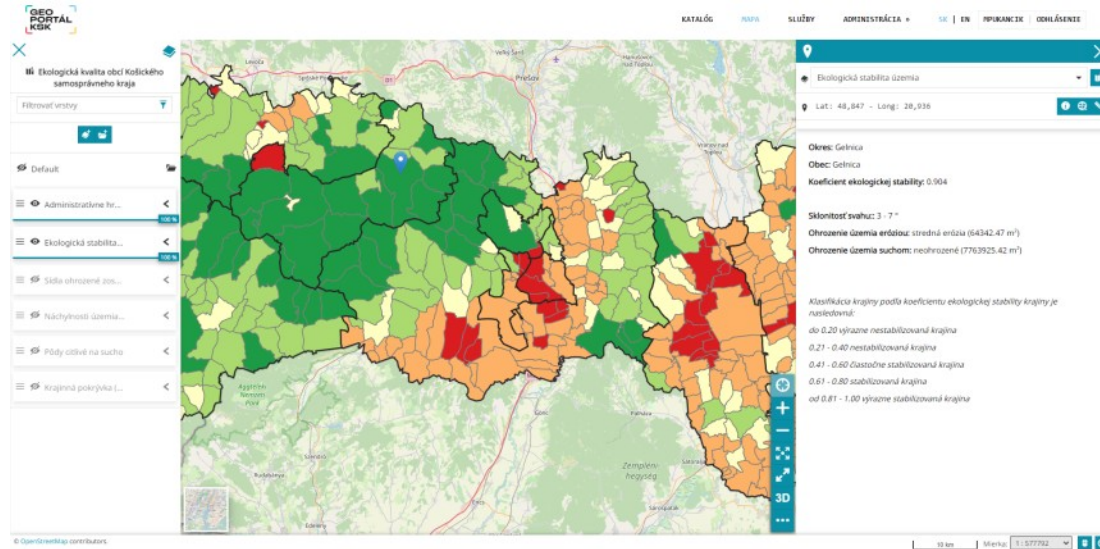# Examples of processed map applications and datasets

- Population – Demography

- Flood threat

- Land use plan of Košice Region region

- Climate change and its consequences in municipalities

- Transport

- Healthcare

- Ecology and protected areas

- Tourism

- Cycling routes

- Supported projects

- Marginalized communities

- Geology

- ...

Example of Map application
Ecological quality of municipalities

- Layers:
  - Ecological stability of municipalities
  - Land cover (CORINE Land Cover)
  - Settlements threatened by landslides
  - Soils sensitive to drought
  - Susceptibility of the territory to soil erosion

Challenges for the future

- sysadmin support for geOrchestra in Slovakia (IT support)

- further development

- cooperation with the national level - data integration

- providing API access of KSK data

- personnel provision of the GIS department

- cooperation with universities

- cooperation with other self-governing regions in Slovakia (they mainly use ESRI products)