



ANCPI
AGENTIA NATIONALĂ
DE CADASTRU ȘI
PUBLICITATE IMOBILIARĂ

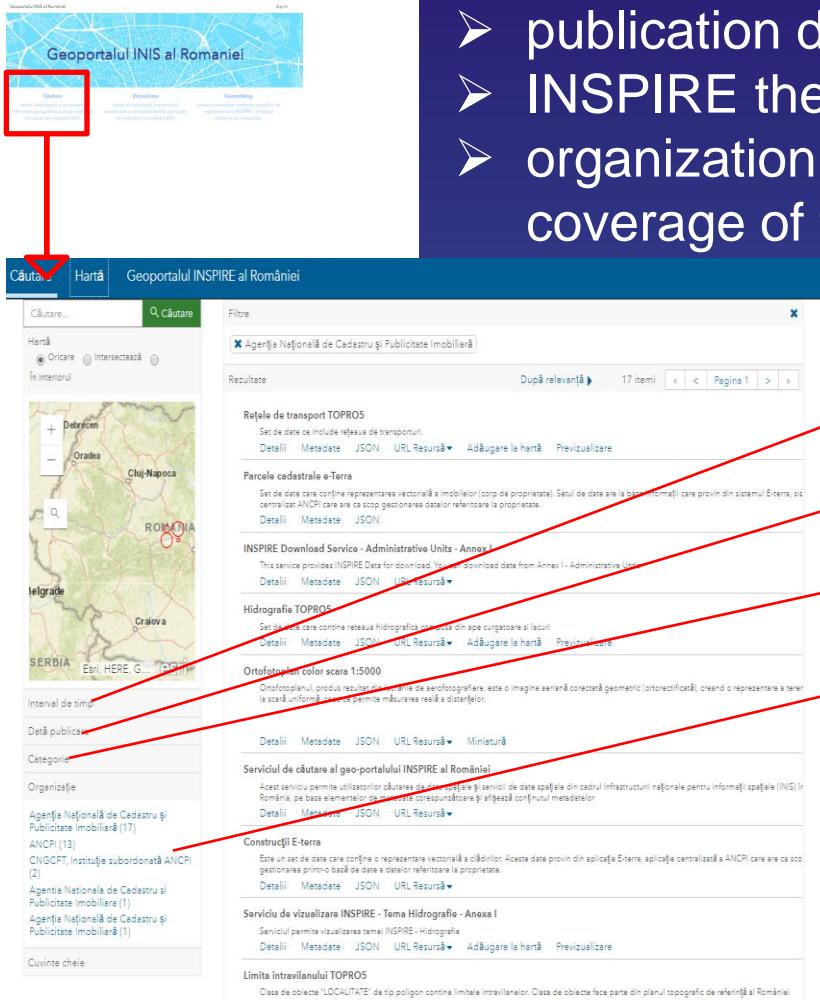
The INIS Geoportal of Romania version 2.0 openness to the users' needs

14 May 2020



- Change of graphical interface;
- Improving the search section in metadata documents;
- Adding of map section – view and explore the resources provided by INIS members;
- Development of spatial data download apps provided by ANCPI;
- Improving the existing apps
- What has been taken over from version 1.0:
 - ✓ View and search apps (Cadastral parcel Viewer, INIS Viewer);
 - ✓ Coordinate transformation app;
 - ✓ Information about INSPIRE, INSPIRE roadmap and INIS Council members;

Search section in metadata documents



Criteria for filtering :

- time interval,
- publication date,
- INSPIRE theme,
- organization - the owner of the spatial data or the area of coverage of the spatial data)

Interval de timp al
resursei - data creării și
a ultimei revizii

Data publicării

Tema INSPIRE

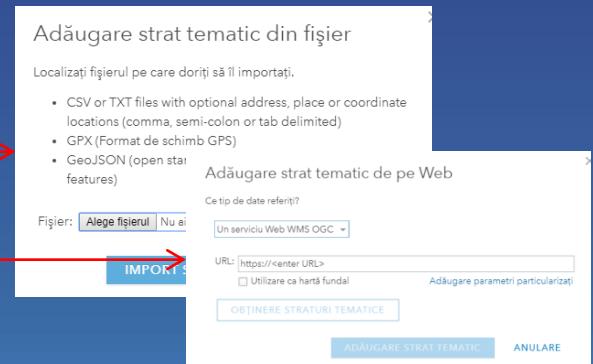
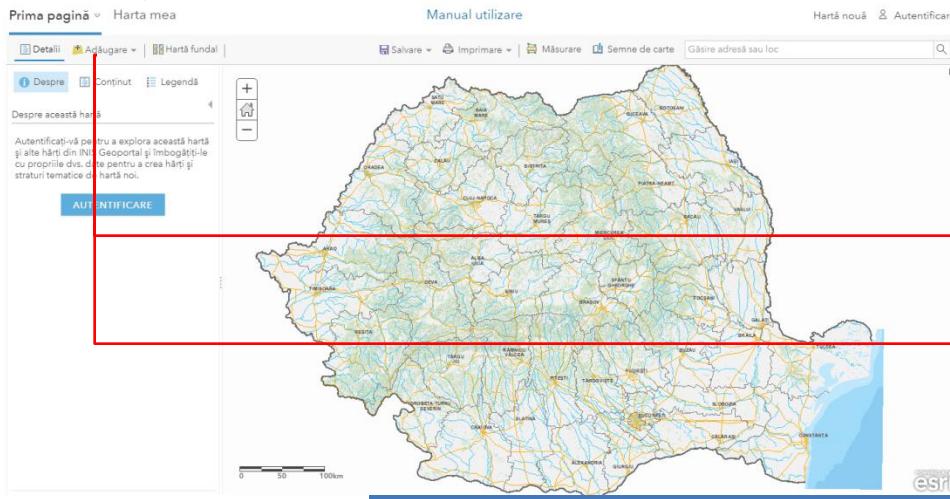
Organizație

Maps section – features

Creating your own map



- Background map - TopRO5, Orthophoto 2005, 2008, 2009, 2010, 2015-2017, 2018 editions
- Add:
 - network services : OGC WMS, OGC WMTS, OGC WFS, KML, GEORSS, CSV
 - Local datasets, such as:
 - CSV or TXT files containing addresses or coordinates
 - GPX Files (GPS Exchange Format)
 - GeoJSON Files

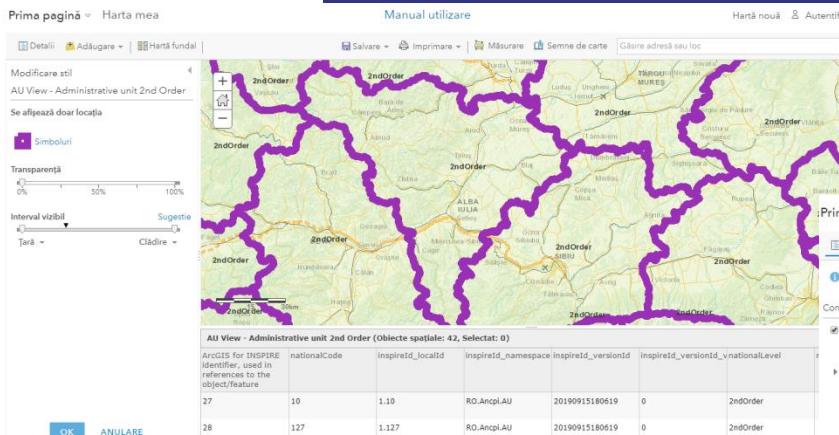


Map Section – features

Creating your own map

The possibility to:

- change ad-hoc symbology of data sets added by choosing the style and field (s) used in the classification
- define information windows that contain information from the attribute table of the added datasets



Adăugare serviciu WMS AU, simbolizare și afișare atribute

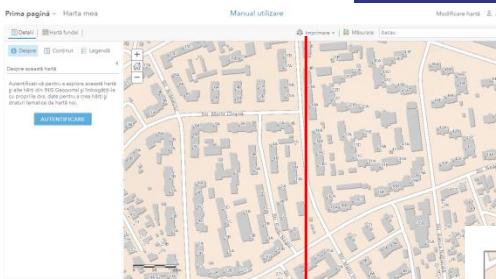


Map Section– features

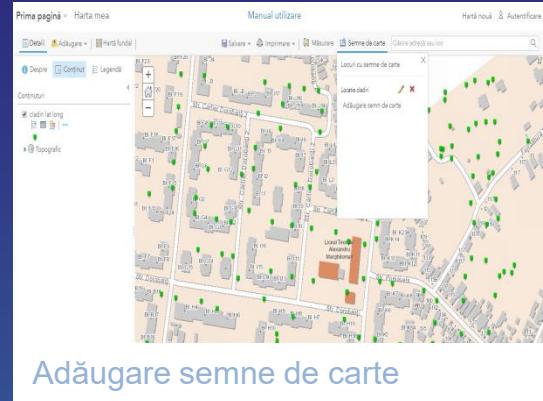
Creating your own map

The possibility to:

- define the transparency of the layers added from the map
- add map notes (point / line / polygon)
- create bookmarks
- print the map



Tipărire format pdf



Geoportal apps

Explorati Aplicatiile din Geoportalul INIS



ANCPI data download applications

The data is downloaded based on an open data license - specific for each data set - OGL ROU 1.0

Data available for downloading:

- **TopRO50** (reference topographic data for scale 1: 50,000)
- **TopRO100** (reference topographic data for scale 1:100.000)
- **MNT** – numerical model of the terrain with resolution of 20x20 m
- **LAKI2 ORTHO** - orthophoto images with a precision of 20 cm on an area of 10,000 km²
- **LAKI2 MNT** – with a resolution of 1x1m for a 10.000 km² area

- Predefined download by administrativ units
- Dynamic download by cutting after an interactively drawn area
- Dynamic download by cutting after a contour - by uploading an archive containing shape data set in the national coordinate system

ANCPI data download apps

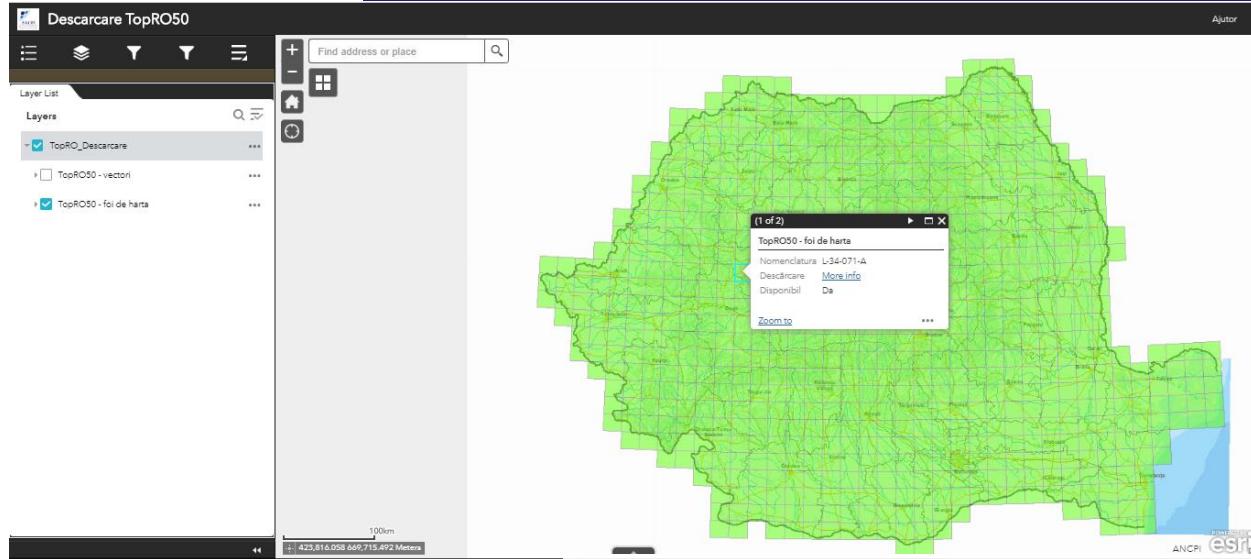
Data format

Format data sets provided by ANCPI :

- Predefined download:
 - ✓ **GDB** for vectors with cartographic representation ;
 - ✓ **GRID** for the elevation;
 - ✓ **MrSID** for Ortofoto.
- Dynamic download:
 - ✓ **GDB, SHP, DWG, DGN** for vectors;
 - ✓ **GRID, ERDAS IMAGINE, TIFF, GIF, JPEG, JPEG 2000, BMP, PNG** for rasters.

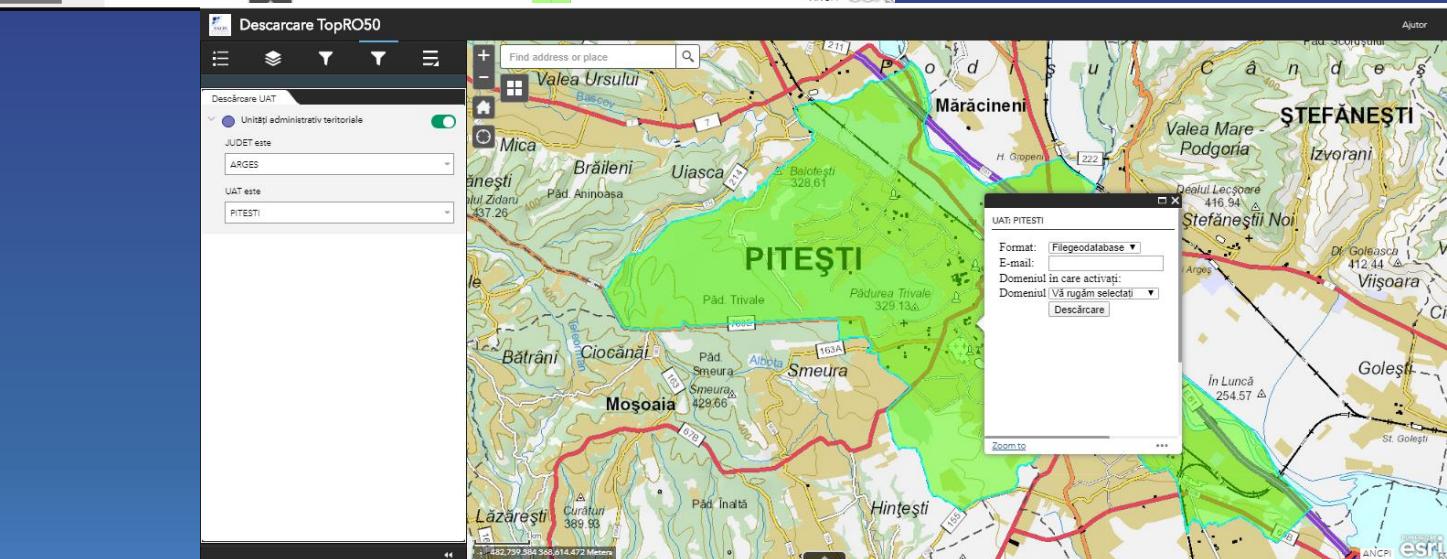
In the case of topographical maps, PDF sheets are also available for download.

Download TopRo50 app



Download map sheets

Predefined
download



Download app TopRo50

Descarcare TopRo50

Find address or place

Descărcare după ane traseată interactiv

- Cursa spa
- Cariere
- Nivelment
- Parcuri
- Zone industriale
- Localități
- Marea neagră
- Vii
- Paduri

Aria de interes*

Format vectori*

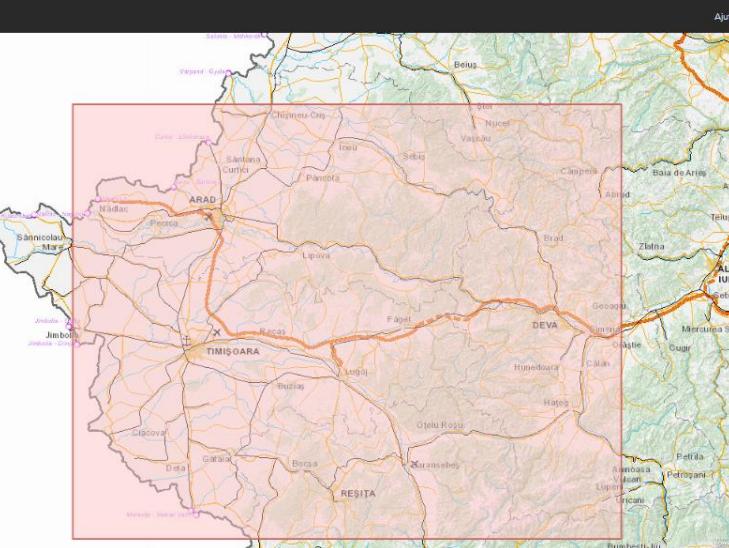
File Geodatabase - GDB - .gdb

Email*

Help Run

30km

52,452,971,400;110,601 Metri



Dynamic download

Descarcare TopRo50

Find address or place

Descărcare după contur

- Parcuri
- Zone industriale
- Localități
- Marea neagră
- Vii
- Paduri

Aria de interes*

Add Shapefile

Generalize geometries

Shape_Aoi.zip

Format vectori*

File Geodatabase - GDB - .gdb

Format raster*

ESRI GRID - GRID

Email*

Help Run

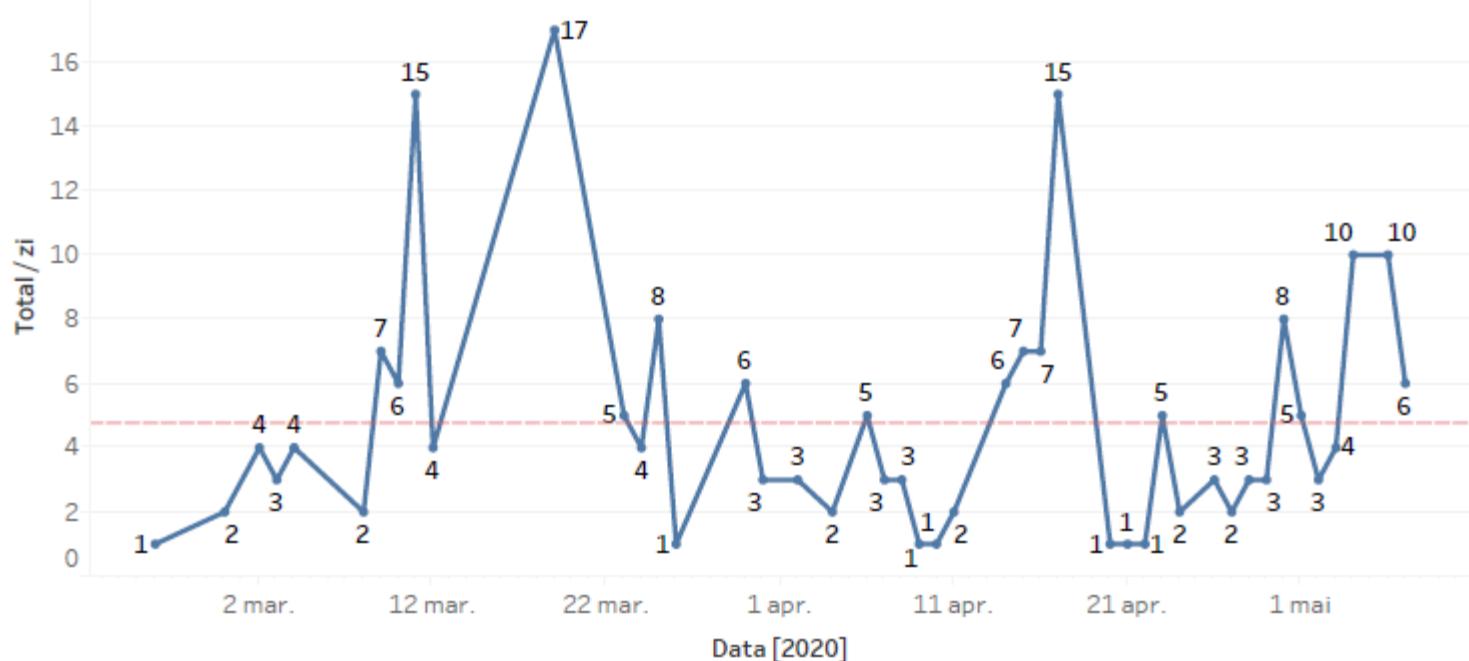
297,437,815,479,951,933 Metri

Dynamic
download - by
Shapefile

Download apps usage report

Total descărcări / zi. Tendință

Actualizat la: 08.05.2020 09:00:33

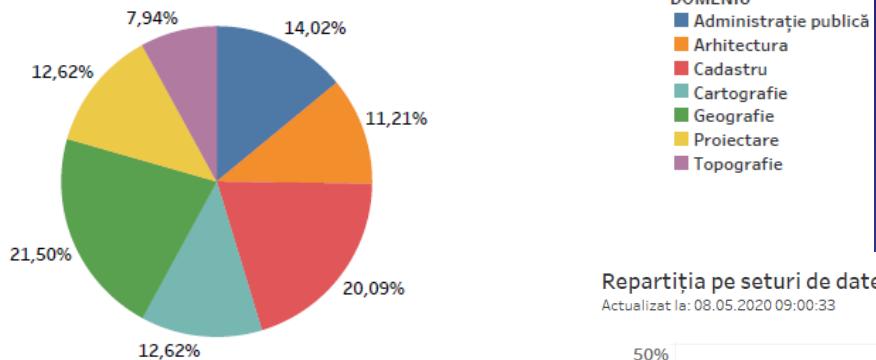


The trend of Number of Records for DATA DESCĂRCARE Day. The view is filtered on sum of Number of Records, which keeps all values.

Download apps usage report

Repartiția pe domenii din total descărcări [%]

Actualizat la: 08.05.2020 09:00:33

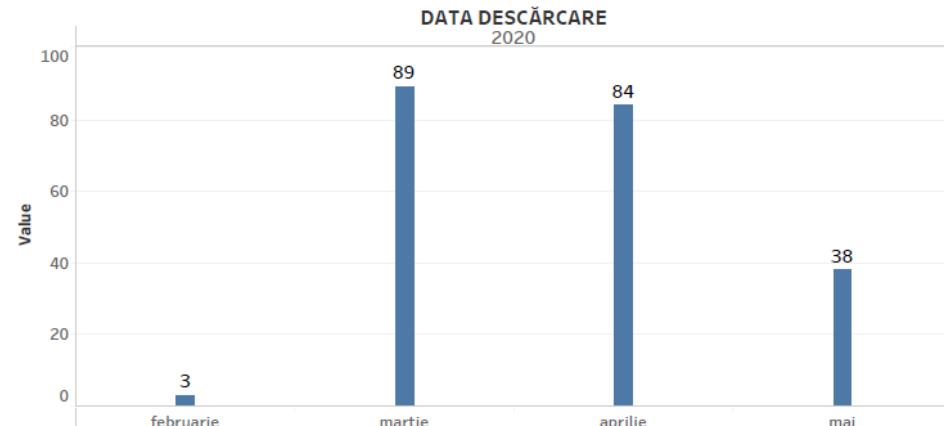


DOMENIU

- Administrație publică
- Arhitectura
- Cadastru
- Cartografie
- Geografie
- Proiectare
- Topografie

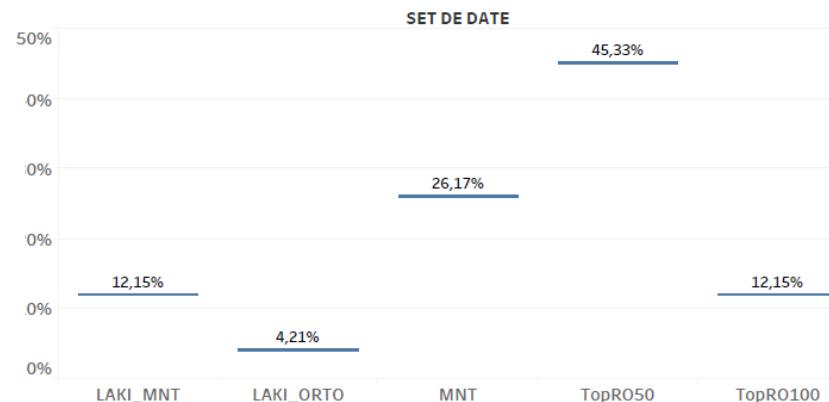
Total descărcări pe lună

Actualizat la: 08.05.2020 09:00:33



Repartiția pe seturi de date din total descărcări[%]

Actualizat la: 08.05.2020 09:00:33



The Cadastral parcel View App

Localizare rapida 

Cautare imobil 

Județ: BUCURESTI 

UAT: Bucuresti Sectorul 6 

Numar cadastral: 232607 

Imobil

Numar cadastral: 232607
Nr. carte fundiară: 232607
Extrase din planul cadastral - eAvant
Extrase din planul cadastral - eAvant
Ortofotoplan - eAvant
Ortofotoplan - eAvant

Zoom în 



Localizare rapida 

Cautare imobil 

Județ: BUCURESTI 

UAT: Bucuresti Sectorul 6 

Numar cadastral: 232607 

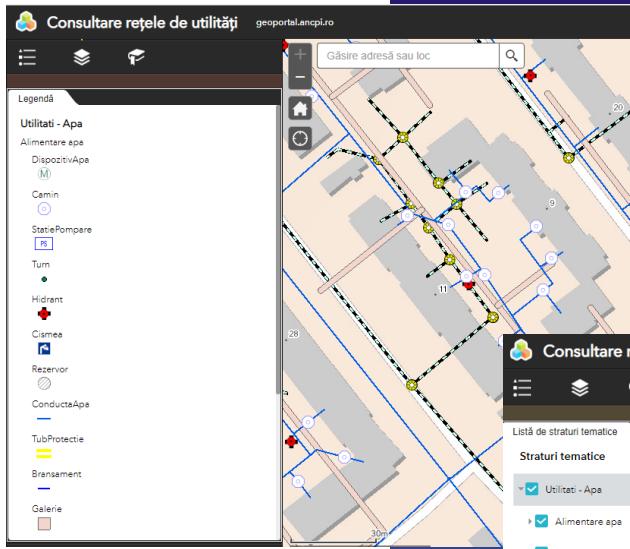
Imobil

Numar cadastral: 232607
Nr. carte fundiară: 232607
Extrase din planul cadastral - eAvant
Extrase din planul cadastral - eAvant
Ortofotoplan - eAvant
Ortofotoplan - eAvant

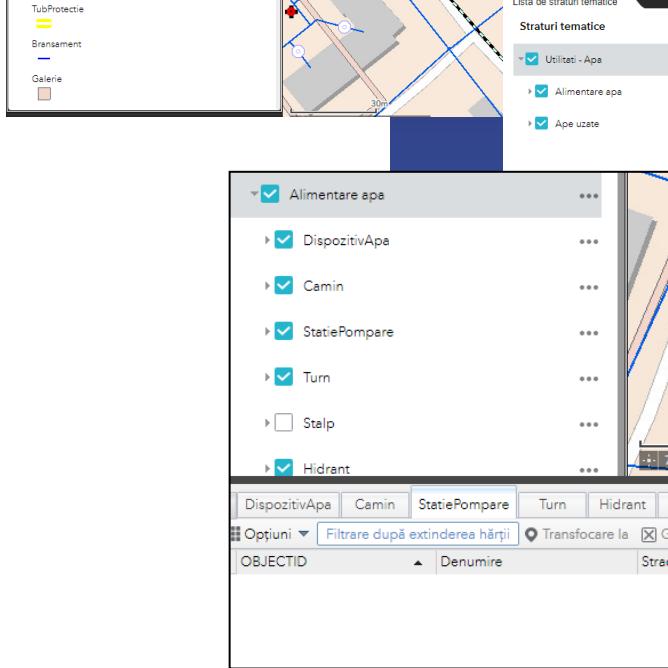
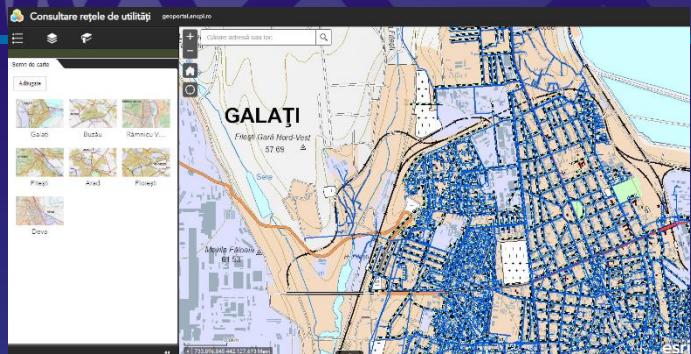
Zoom în 



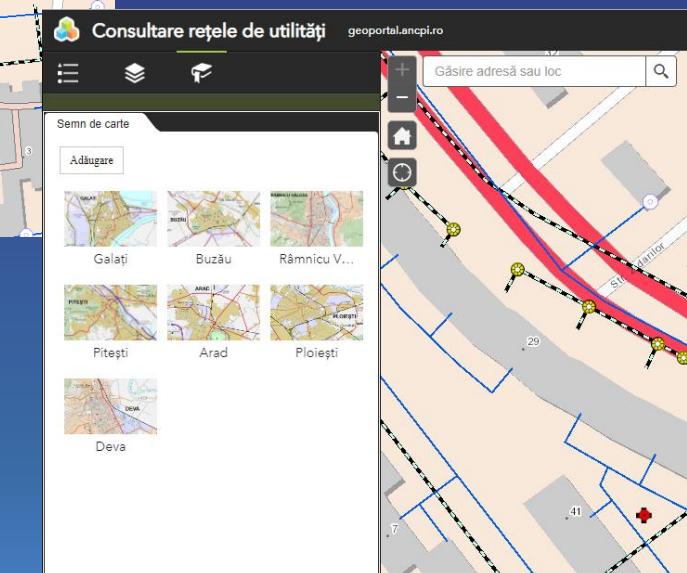
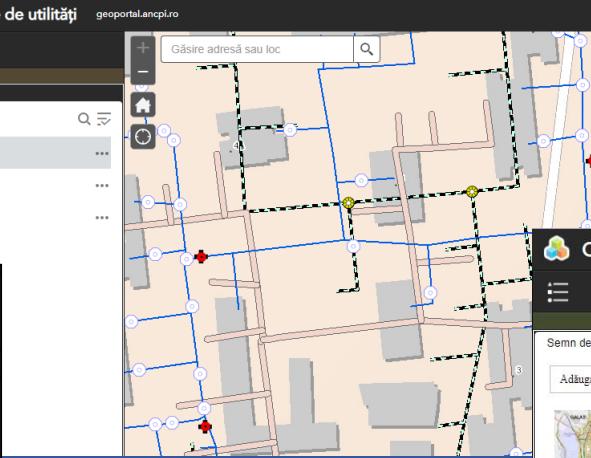
Public utility services View app



The legend
- water supply
- wastewater



Settlements

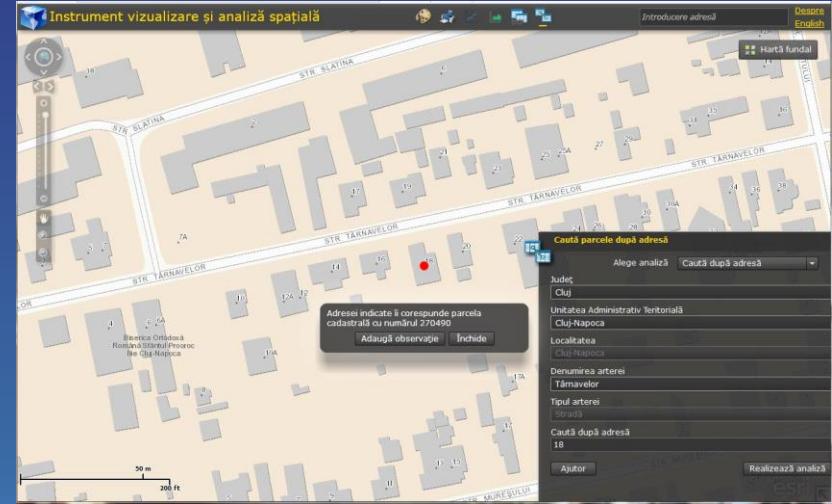
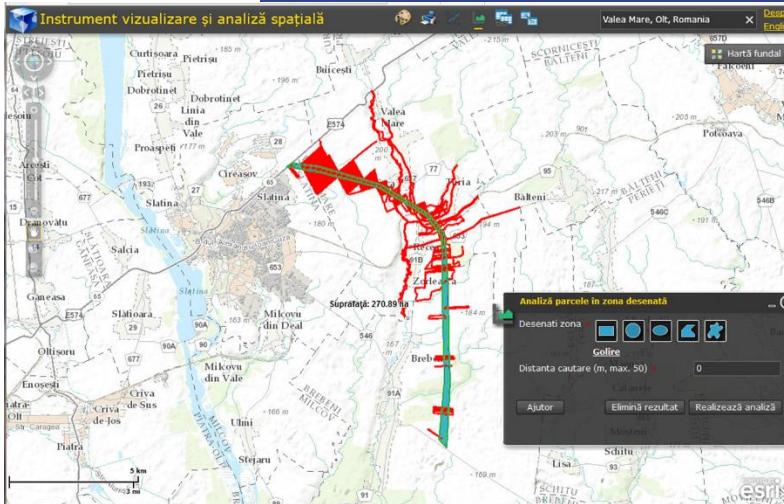
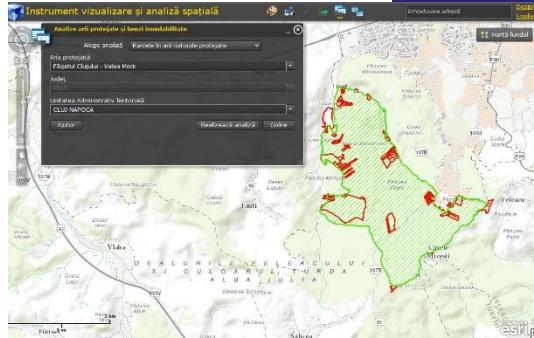


Thematic layers

The INIS Viewer App

Allows spatial analysis:

- Analysis of parcels, buildings in protected areas, floodplains
- Analysis of protected areas, floodplains related to parcels, buildings
- Search parcel by address and vice-versa
- Identification of parcels in the area of interest and in the drawn area



Thank you!

www.geoportal.gov.ro