
National forest fire information system

User Guide

May 2023

Version 1.00

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1 Introduction

1.1 Scope and Purpose

National forest fire information system main objective is to gather data from satellite detection of fire incidents and enhance, through digitization, procedures from Ministry of the Interior to number of emergency services in Montenegro such as police, ambulance, and fire stations.

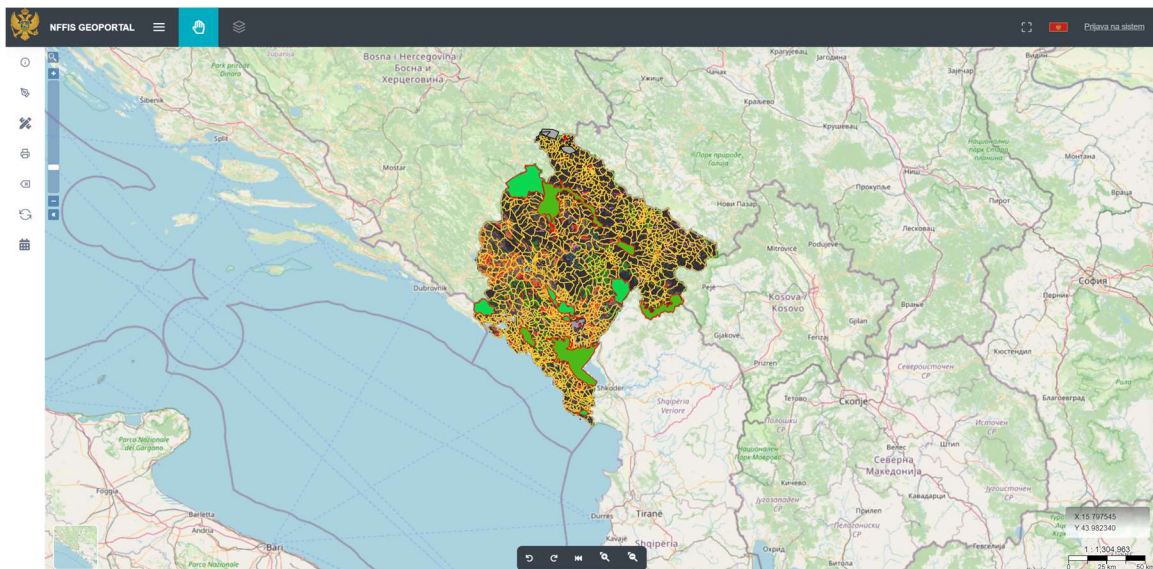
1.2 Main features

The main functionalities of the system are:

- Satellite integration and transferring data to vector layers through FIRMS
 - MODIS
 - VIIRS
- Incident report
- Fire Weather Index
- Vegetation dryness index

2 System access

2.1 Public portal



The top menu contains following actions:

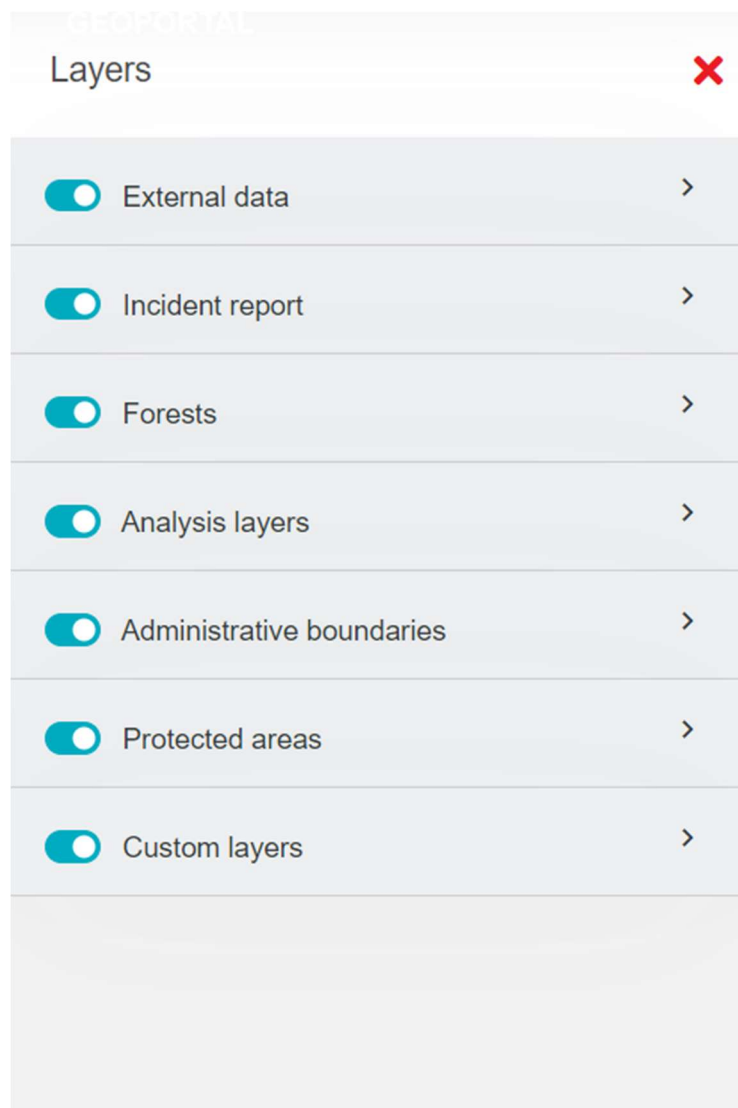


- Used for panning the map
- Is active by default when opening the system



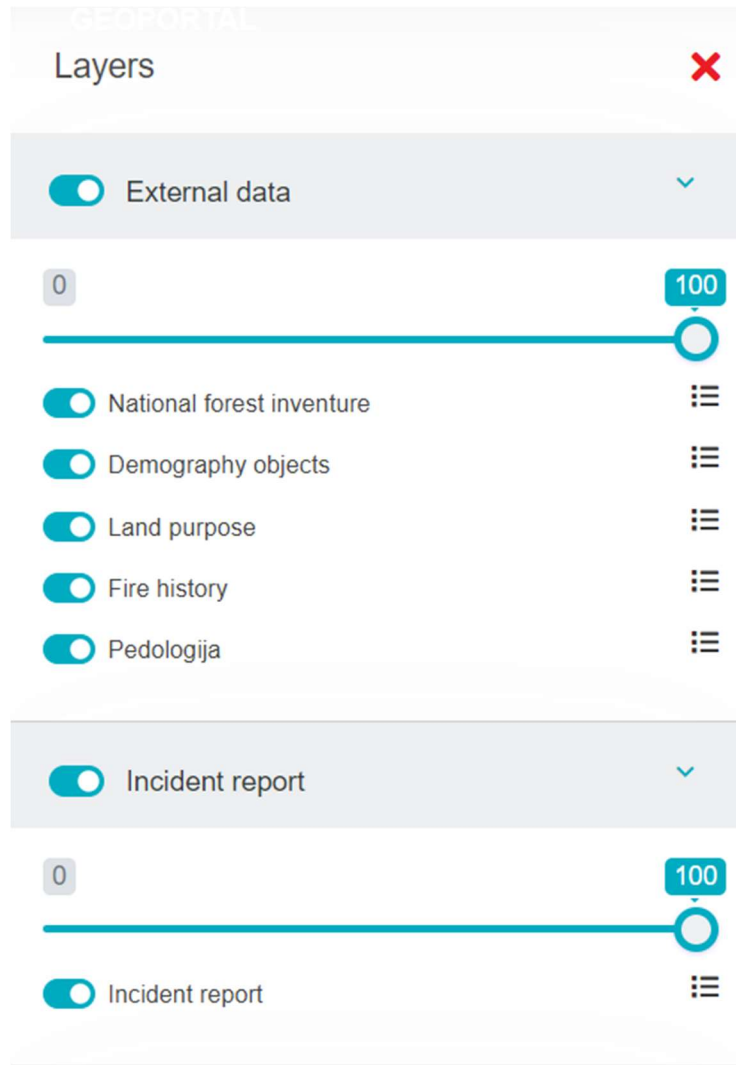
- Opens the layer list

When you open the layer list, u can see all the layer groups that exist in the system:



You can toggle the layer group on and off by clicking the toggle () button.

Clicking on the right arrow () opens the layer group, where you can see the layers and toggle them on and off separately.



You can set the layers opacity by moving the circle left or right:



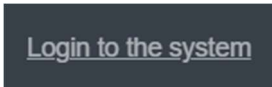
In the right upper corner, you have the following buttons:



- Used for zooming in to full screen



- Used for changing the language

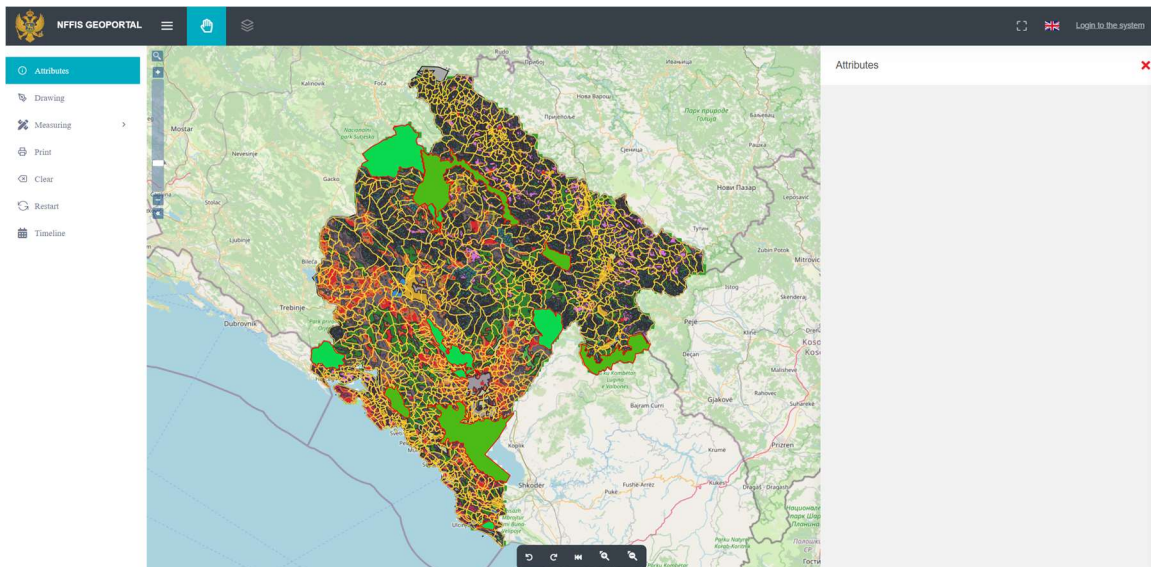


- Used for logging into the system

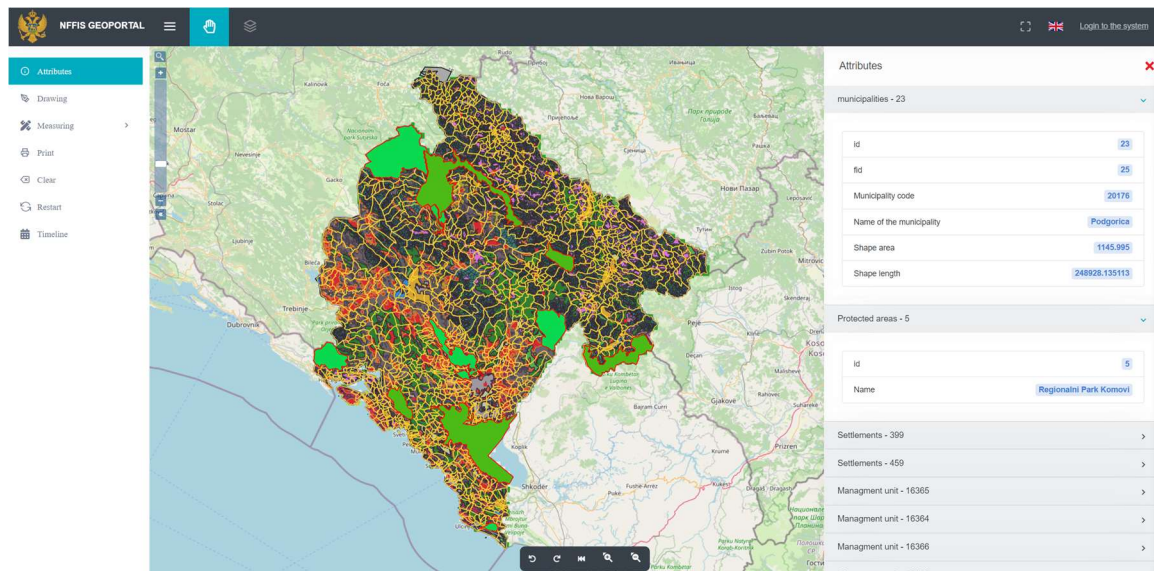
In the left side menu, you have the following buttons:



Clicking this button open the attribute list on the right side of the screen.



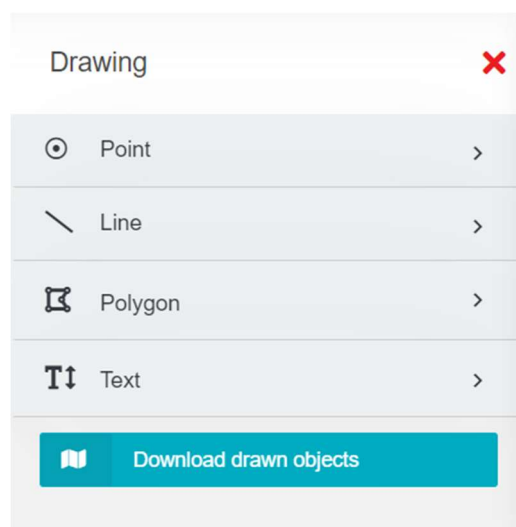
As you can see, the list is currently empty because we have not selected any of the features that we to check. To populate the list, click on the features on the map.



Drawing

- Clicking this button enables the drawing on the map

After clicking on this button, a right side menu will open with the drawing options. You can draw points, lines, polygons, write text over the map, and you can download the drawn objects.





Point



SIZE

8px 12px 24px 32px

COLOR





Line



SIZE

1px 2px 3px 4px

COLOR



TOPO

☐

CAD



Polygon



SIZE

1px 2px 3px 4px

COLOR



TOPO

☐

CAD



Text



Unesite tekst...

SIZE

8px 12px 24px 32px

COLOR





- Clicking this button opens the menu that enables measuring on the map



You can measure the length between two point, measure the surface between two or more points that make a polygon, or get find the point by entering X and Y coordinates.



- Clicking this button downloads the map with the current zoom and all the active layers.



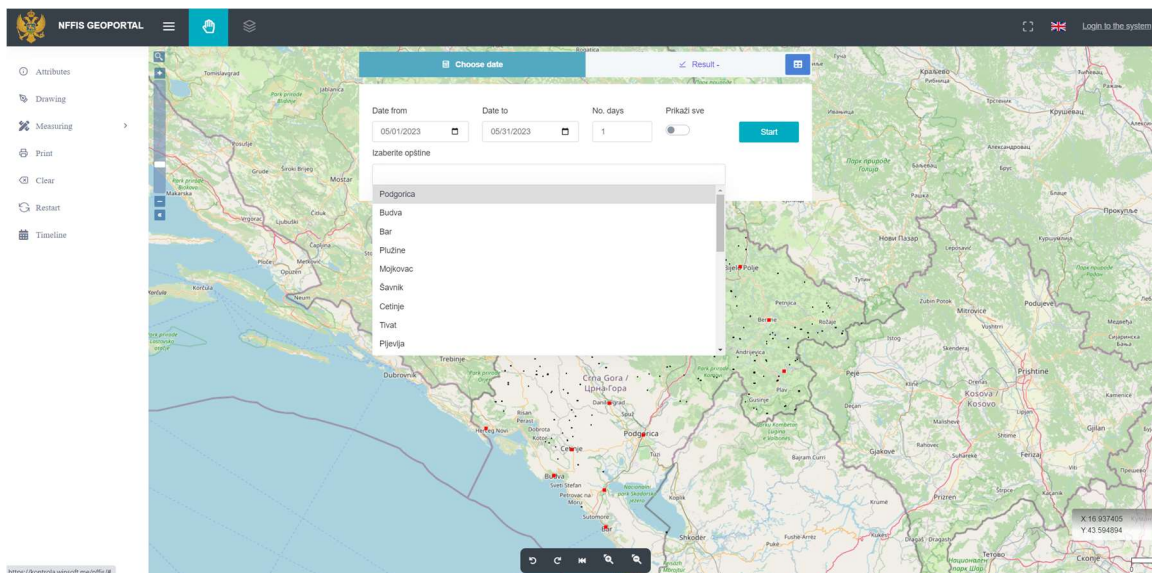
- Clicking this buttons clears and deletes the previously drawn objects on the map



- Click on this button reloads the page

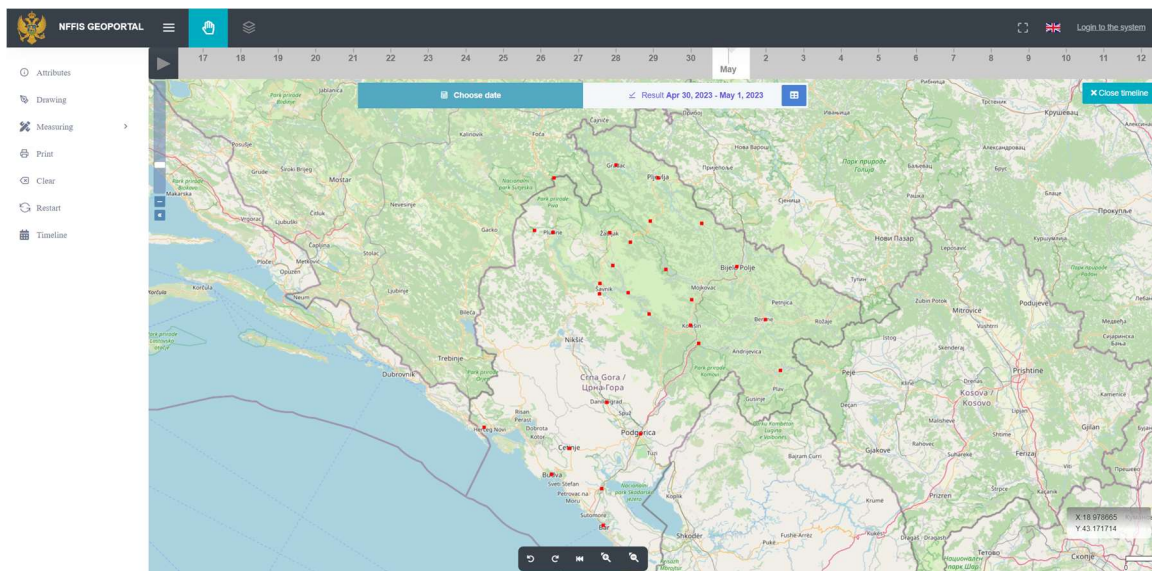


- Clicking this button open the timeline where you can see historical data



You need to enter the starting date, ending date, number of days that the data will be clustered in, and you can choose to see all the data as well as the municipalities that you want the data to be shown for.

After filling all the necessary fields, click on the Start button and the timeline will be shown at the top of the map.



You can set it to automatically move by clicking the PLAY button in the top left corner, or you can move it manually by panning it.

In the bottom left corner of the screen, there is a small scale of the map. Clicking on it opens the menu for choosing the base map layers.



In the middle bottom side of the screen you can find the tools. The tools are as following:

Undo, Redo, Initial view, Zoom in and Zoom out

