

The ForestWard Observatory

Try it out

Select your preferred basemap using the layer menu in the top-right corner. Options **Satellite** or **OpenStreetMap**. Select **CountryBorders** and **Rasters** as layers.

Try moving the map using your mouse, and zoom with the scroll wheel or the + / – buttons.

Try the **LPI-GUESS** dataset by selecting it in the dropdown to the left. You can select different layers representing different variables, and step through the time series with the control bottom-left and see how the variable developed in the simulation.

Try the **TreeSpecies** dataset. This is a categorical dataset, and a legend explaining the colors will appear bottom-right on the screen.

Try the **Fieldplot** layer in the hamburger menu. Fieldplots will appear with a diamond symbol in Sweden. Click on a fieldplot to see a pop-up with statistics.

The **Tree** layer holds single-tree level data, DBH and species. Currently only a small amount of synthetic data is available, for a plot in central Sweden, north-west of Sundsvall.



<https://forestwardobservatory.hpc2n.umu.se:8443/>

<https://forwards-project.eu/>



The ForestWard Observatory

Get started

The **ForestWard Observatory** is a prototype of a pan-European forest monitoring and evaluation tool. Its aim is to demonstrate how geospatial data can help us understand the impacts of climate change on forests and support decision-making in forest management — from the local scale of an estate or municipality to policy-making at the European level.

The Observatory brings together **geospatial datasets and forest-related information** in an **accessible, interactive environment**. Explore maps, inspect data for specific areas, and investigate changes over time without the need to download huge amounts of data.

Selected datasets can also be **downloaded for further analysis in GIS software**.

The current system is a prototype, so the available datasets and functionality are still evolving. The examples included today are intended to demonstrate the possibilities of the Observatory rather than represent its final data collection. Additional datasets from research and environmental monitoring will be added as the system develops.

Turn the page to see the Observatory interface and try at <https://forestwardobservatory.hpc2n.umu.se:8443/>

Please use the feedback form to share your thoughts and help us improve the Observatory!



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Feedback
form

Zoom

Click-and-
hold to pan
the map

Select
raster

Select band
in raster

Toggle Info
mode

Toggle RGB
mode

Download
source file

Pixel
information

Step
through
time series

Select
layers
(rasters, country
borders, fieldplots,
trees)

Legend
(if available)

Only datasets
existing in the
current view is
selectable in the
dropdown

