# VMP 991: Transboundary Animal Disease Spatial Epidemiology

Downloading data from the Food and Agriculture Organization of the United Nations - EMPRES-i database

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# What is EMPRES-i

EMPRES-I is the Food and Agriculture Organization of the United Nations modernized global health intelligence and early warning platform to improve forecasting and enable countries to monitor disease spread and risk of new outbreaks.

*"The world must be alert to new threats from animal diseases, with COVID-19 underlining the need for greater vigilance, the Food and Agriculture Organization of the United Nations (FAO) urged today, as it launched a new global animal disease information system."*

*"Today's globalized and hyper-connected world allows the rapid spread of diseases across borders. In this context, disease intelligence systems need to be far more efficient at capturing big data, far more sensitive to detect unusual events, and have the ability to rapidly share information."*
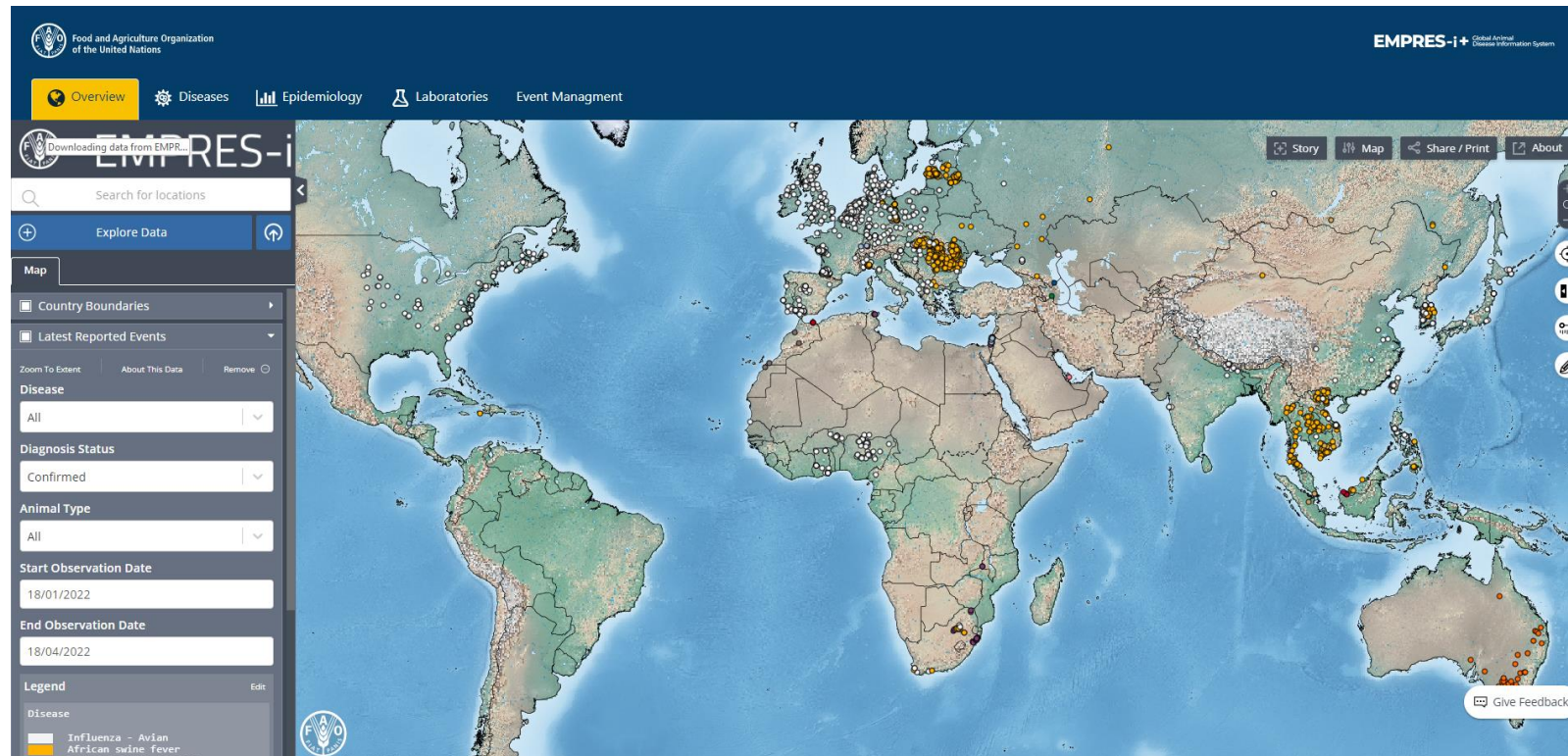
Read the full press release here:

https://www.fao.org/newsroom/detail/animal-disease--fao-launches-new-information-system-221021/en

**EMPRES-i +** Global Animal Disease Information System

**NC STATE** Veterinary Medicine

# Downloading data from EMPRES-i

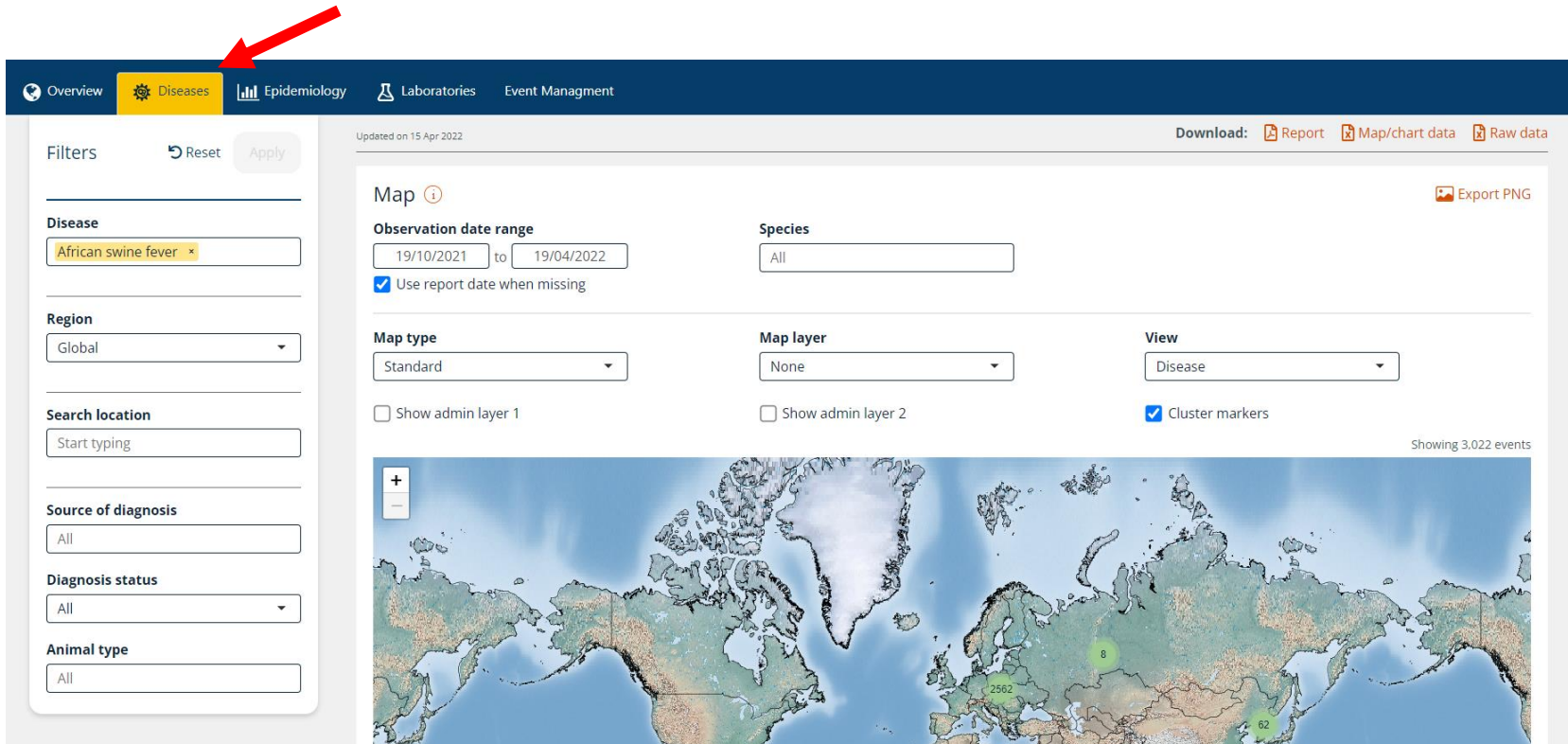Head over to the EMPRES-i webpage.
https://empres-i.apps.fao.org/

# Downloading data from EMPRES-i

We will be downloading data about African swine fever
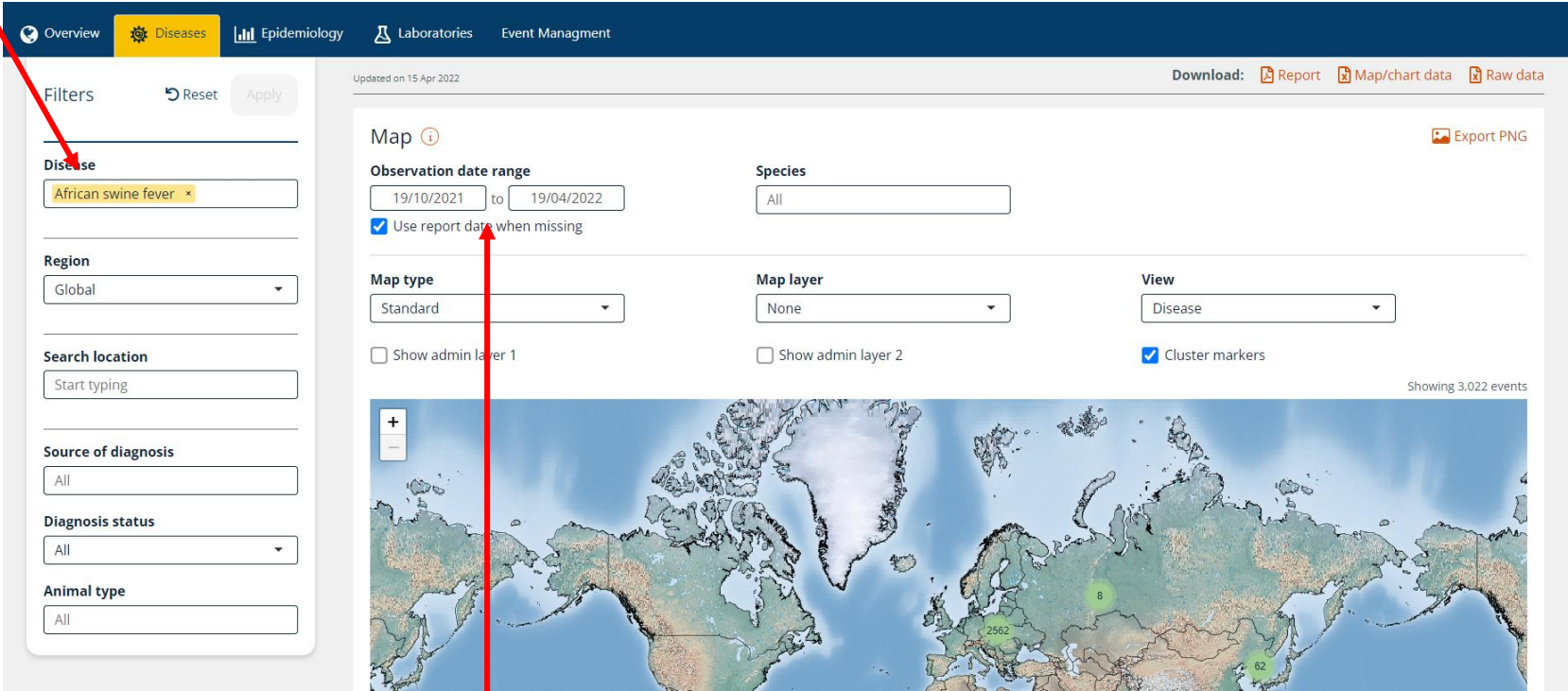
Toggle to the "Diseases" tab

# Downloading data from EMPRES-i

Select African swine fever from the list. Remove any other diseases included by default.



Change the date to go from
01/01/2017 to 19/04/2022

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# Downloading data from EMPRES-i

Select the Raw Data button



This should automatically start the data download.

The file should have a name like: overview-raw-data_202204190644

# Downloading data from EMPRES-i

Rename the raw data file( not necessary) to anything you'd like
and move it over to the repository (folder) associated with the
GitHub project so we can load it up in R.

## Now you are ready to jump into the wonderful world of spatial data in R!