

Using Citizen Science & GIS to map African Forest Elephant Distribution

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Required packages:

- rinat
- sf
- ggplot2
- terra
- utils



1. Data Collection:
Download observations from
iNaturalist (species:
Loxodonta cyclotis)

2. Base Map:
Download a map of Africa
& read it in

3. Plot Observations:
Convert elephant
sightings to spatial
data & plot on the
map

4. Vegetation Mapping:
Download a map of
intact forest landscapes,
read it in, & ensure that
it's in spatial form

5. Overlay this onto the
map, with elephant data,
to create something like
this!

Legend

- Elephants
- Intact forest

