



# Changing Scales of Mapping

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*Engineering Manager*





Geographer, mapmaker

Lazy OSM editor

Colorblind designer

Recovering tweeter

Engineering Manager at Mapbox

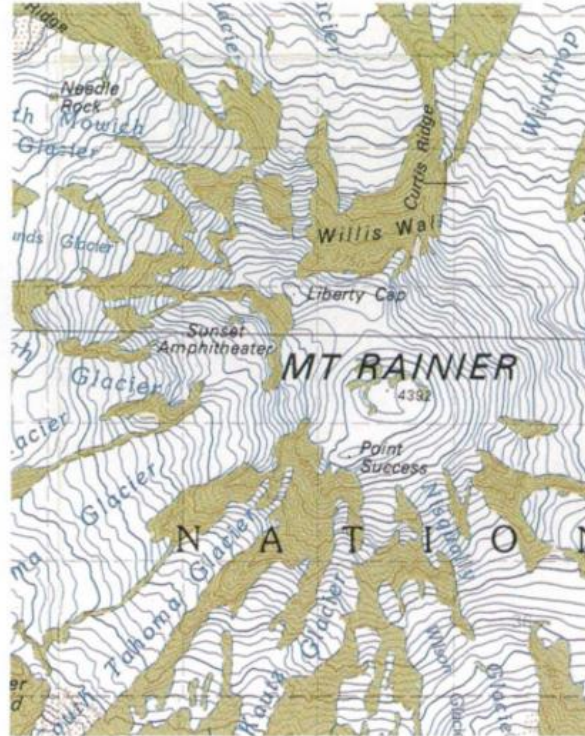


IMAGE

## Three Different Scales

Moving from left to right, three examples of scale from a large scale map to a smaller scale map.

MAPS BY THE USGS



1:100,000 scale



1:250,000 scale

# CHANGING SCALE OF MAPS AND DATA





Ravintola Pääposti

Kiasma

Snus Supply

Mannerheimin aukio

Equestrian statue of Marshal Mannerheim

Amos Rex

La Torreazione

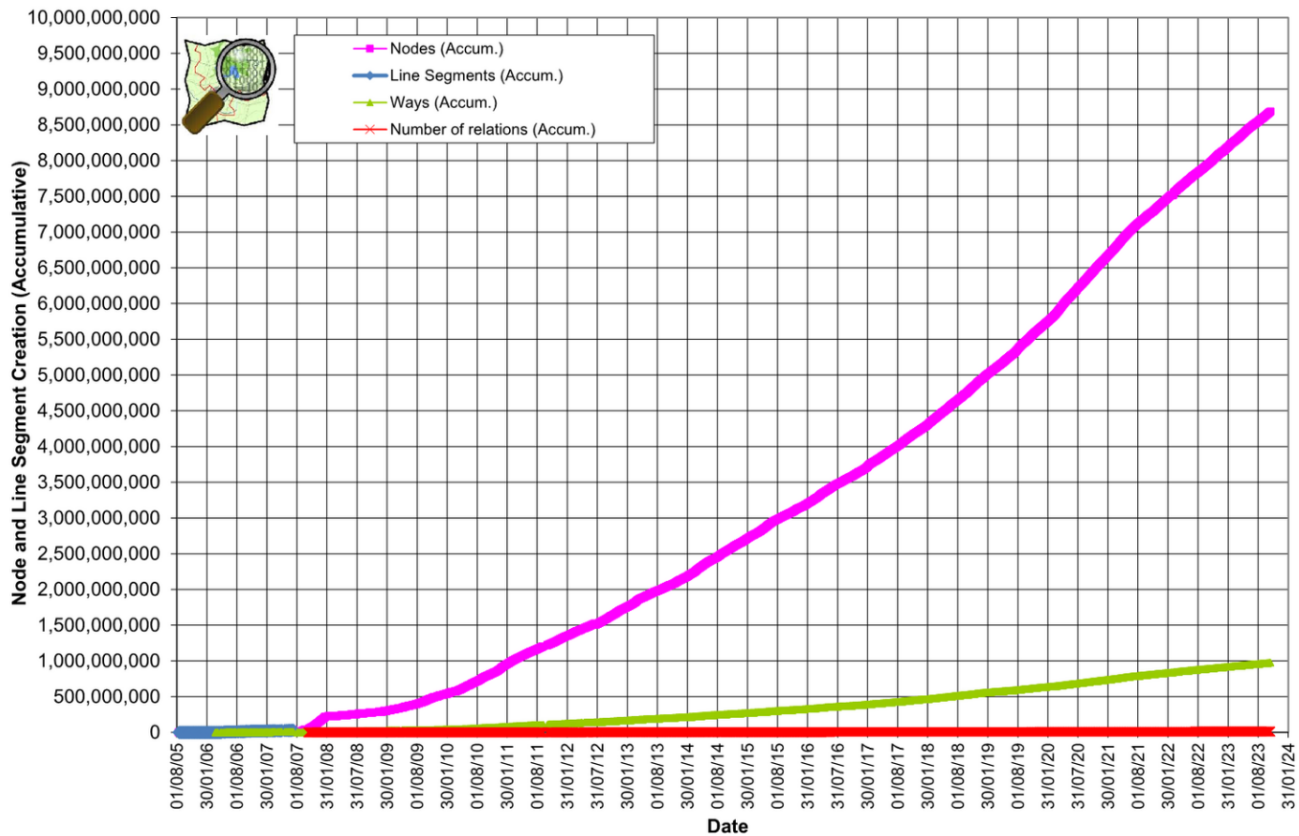
East and West / Monument of J. K. Paasikivi

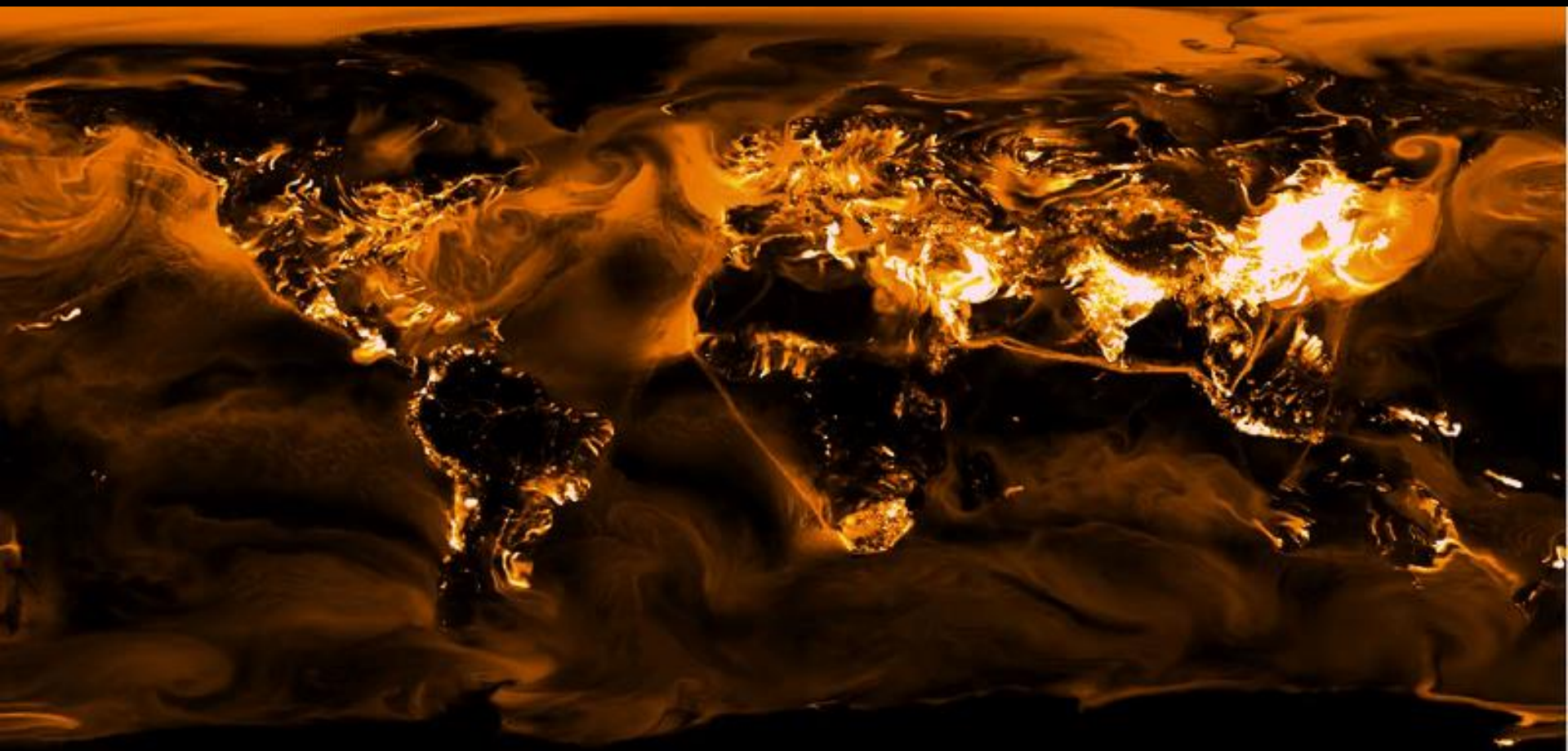
Alko

Pikkuparlamentin puiston salikirsikka

# OpenStreetMap Database Statistics

## Node, Way and Relation Creation








Reports

Published: 7 May 2024

# Amplifying the Earth Observa

Download PDF 

By 2030, the economic opportunity projected to surpass \$700 billion with gigatonnes of greenhouse gases annually, marking an era of unprecedented potential in monitoring and analysing Earth from space.

*“Potential value-added from Earth data is estimated at \$266 billion in 2023, a figure that is poised to grow to more than \$700 billion in 2030”*

[World Economic Forum and Deloitte, 2024](#)



CHANGING SCALE OF COMMUNITY



**Topi Tjukanov**

@tjukanov



Announcing [#30DayMapChallenge](#) in November 2019! Create a map each day of the month with the following themes 🌍



No restriction on tools. All maps should be created by you. Doing less than 30 maps is fine.

[#gischat](#) [#geography](#) [#cartography](#) [#dataviz](#)

## #30DayMapChallenge

- |                     |                |                       |
|---------------------|----------------|-----------------------|
| 1. Points           | 11. Elevation  | 21. Environment       |
| 2. Lines            | 12. Movement   | 22. Built environment |
| 3. Polygons         | 13. Tracks     | 23. Population        |
| 4. Hexagons(!)      | 14. Boundaries | 24. Statistics        |
| 5. Raster           | 15. Names      | 25. Climate           |
| 6. Blue             | 16. Places     | 26. Hydrology         |
| 7. Red              | 17. Zones      | 27. Resources         |
| 8. Green            | 18. Globe      | 28. Funny             |
| 9. Yellow           | 19. Urban      | 29. Experimental      |
| 10. Black and white | 20. Rural      | 30. Home              |

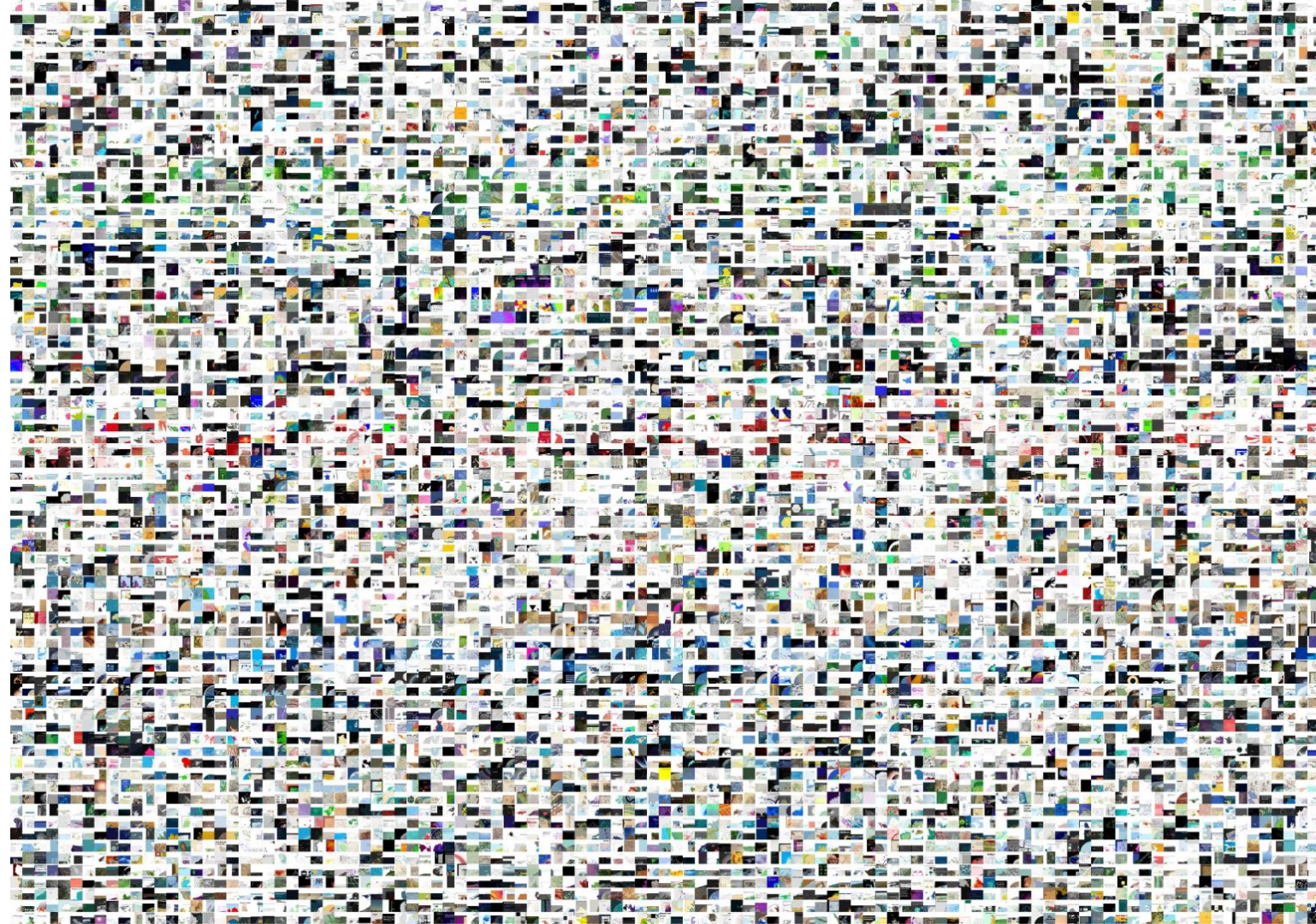
3:53 PM · Oct 25, 2019

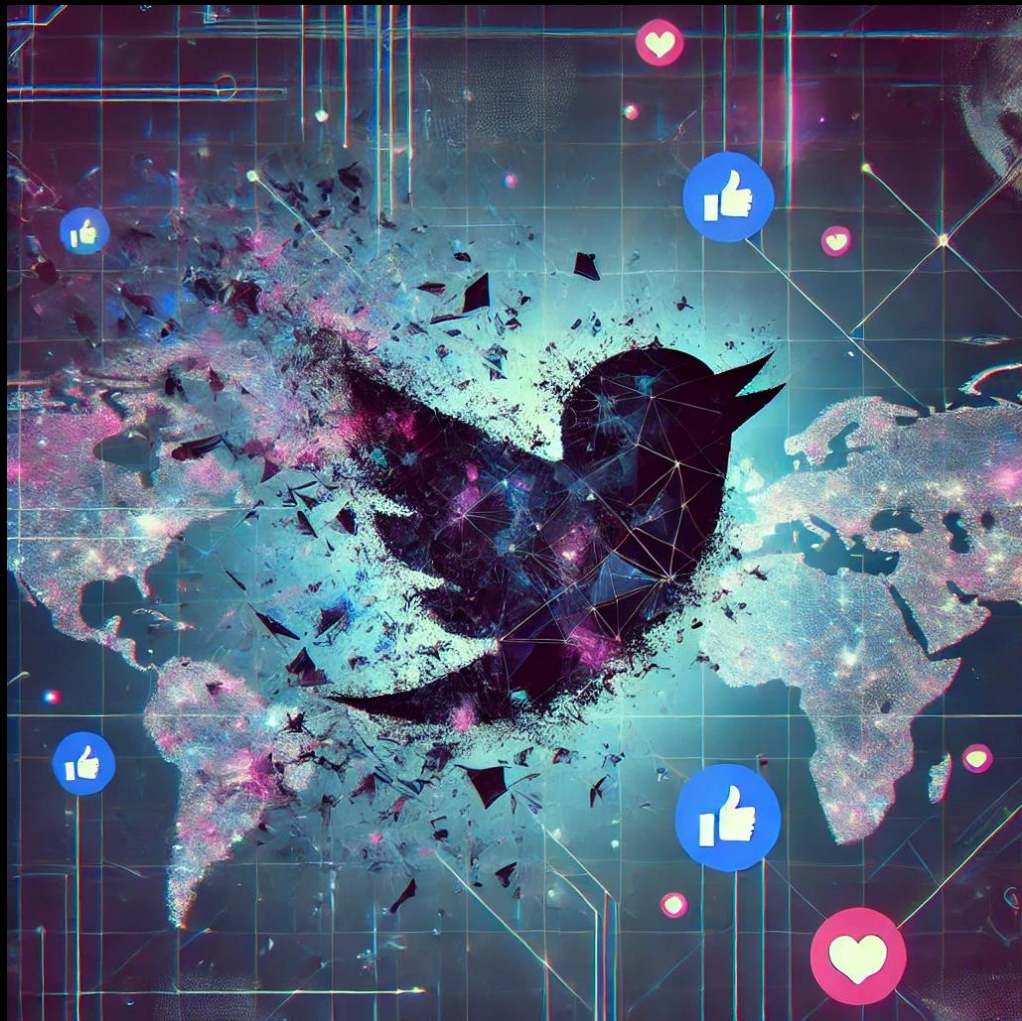


823



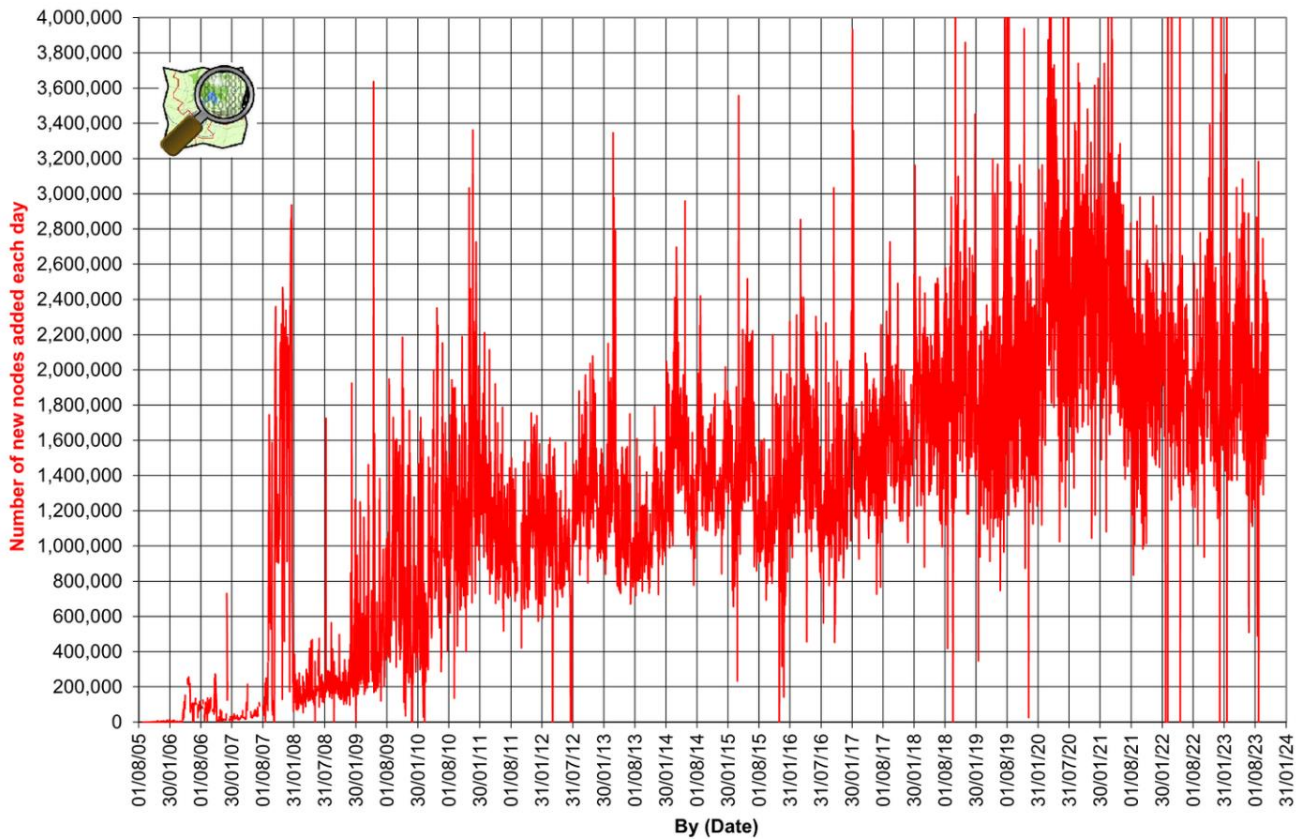
349 people are Tweeting about this





# OpenStreetMap Database Statistics

## Number of nodes added each day



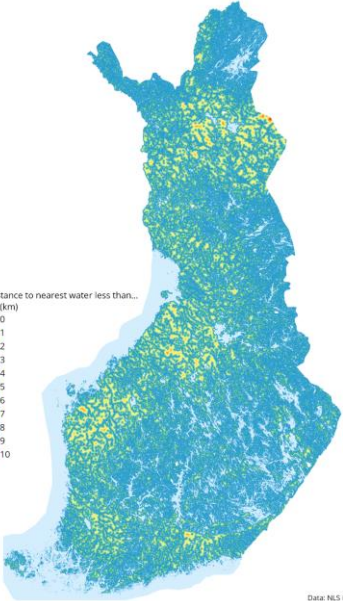
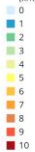


<https://gulfof.mapquest.com/?name=Fragile+Mascunility>

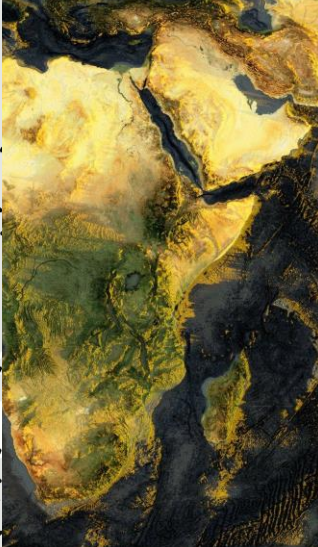
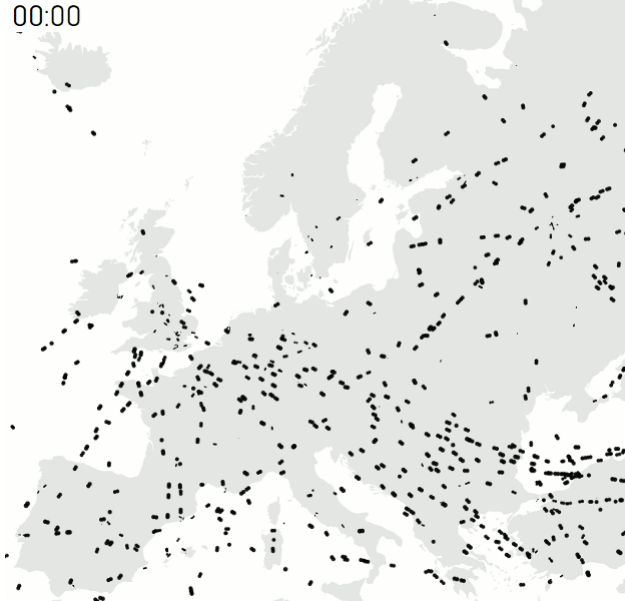
# CLOSING THOUGHTS ON THE CHANGING SCALE

00:00

Distance to nearest water less than...



Data: NLS Finland 2021



SAN FRANCISCO

