

Research notes

- potential variables
 - magnitude
 - depth
 - calculating frequency
- data range: map it into an output range
- love this library for motion <http://paperjs.org/>
- noise: <https://p5js.org/reference/#/p5/noiseDetail>
-

Questions

- Is this intended to be legible?
- Is the intention to play with design?
- Can we focus on specific region (or several?)
- on-hover motion can be tied to a number?
- Map + information graphic
 - zoom out or zoom in
 - does the information graphic represent the same or different data?
- Can either be a live representation of ongoing feeds or overview?
- Am I dealing with a date or am I dealing with a date and time?

Ideas

- proximity to nuclear reactors
- proximity to global data centers
- magnitude vs. did you feel it index
- live/recent earthquakes+proximity to critical facilities
 - power plants
 - water plant
 - hospital

Datasets

- <https://hifld-geoplatform.opendata.arcgis.com/>
- <https://rpubs.com/bmcole/nuclear-eda>
- <https://www.carbonbrief.org/mapped-the-worlds-nuclear-power-plants>
- <https://wikileaks.org/amazon-atlas/map/>
- [combining google + amazon](#)
- <https://www.google.com/about/datacenters/>
- <https://hifld-geoplatform.opendata.arcgis.com/>
- <https://www.geoplatform.gov/>
-

[%22%3A%22newest%22%2C%22timezone%22%3A%22utc%22%2C%22viewModes%22%3A%5B%22list%22%2C%22map%22%5D%2C%22event%22%3A%22ak019er87tf4%22%7D](#)

- <https://www.carbonbrief.org/mapped-the-worlds-nuclear-power-plants>
- wastewater treatment
 - <https://hifld-geoplatform.opendata.arcgis.com/datasets/environmental-protection-agency-epa-facility-registry-service-frs-wastewater-treatment-plants>
 - <https://edg.epa.gov/metadata/catalog/search/resource/details.page?uuid=%7B86C00471-0D39-4352-B629-14E3C0E2D042%7D>
- hospitals
 - <https://www.latlong.net/category/hospitals-236-26.html>
 - <https://hifld-geoplatform.opendata.arcgis.com/>
- power plants
 - <https://www.eia.gov/electricity/data/eia860/>
- Data centers
 - <https://wikileaks.org/amazon-atlas/map/>