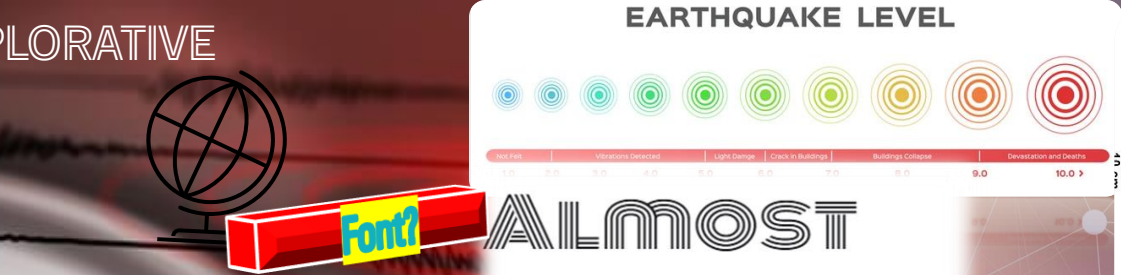
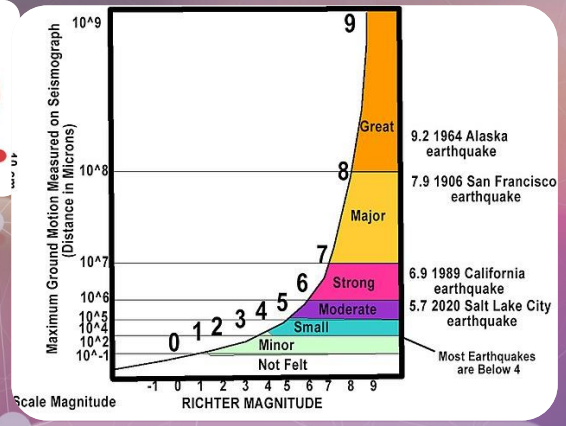
EXPLORATIVE

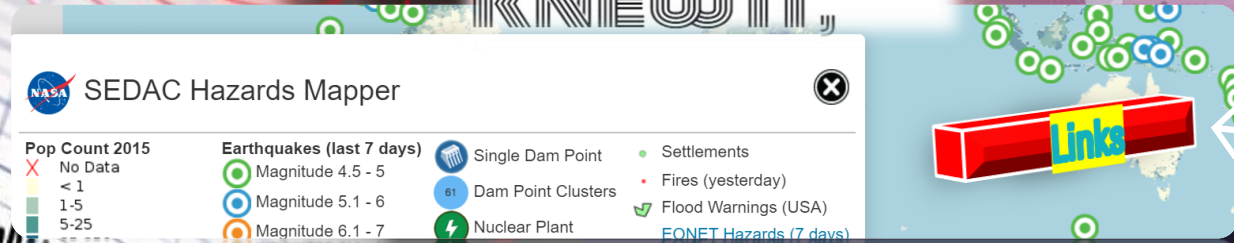
EARTHQUAKES

Font?

ALMOST BEFORE WE KNEW IT,







Links

EARTHDATA SEARCH (NASA.GOV)

NASA SEDAC HAZARDS MAPPER (COLUMBIA.EDU)

Modified Mercalli Scale

Intensity	Shaking	Description/Damage
I	Not felt	Not felt except by a very few under especially favorable conditions.
II	Weak	Felt only by a few persons at rest, especially on upper floors of buildings.
III	Weak	Felt quite noticeably by persons indoors, especially on uper floors of buildings. Many p recognize it as an earthquake. Standing motor cars may rock slightly. Vibrations simila a truck. Duration estimated.
IV	Light	Felt indoors by many, outdoors by a few during the day. At night, some awakened. Dishes, windows, doors disturbed; walls make cracking sound. Sensation like heavy truck striking building. Standing motor cars rocked noticeably.
V	Moderate	Felt by nearly everyone; many awakened. Some dishes, windows broken. Unstable object overturned. Pendulum clocks may stop.
VI	Strong	Felt by all, many frightened. Some heavy furniture moved; a few instances of fallen plaster. Damage slight.
VII	Very Strong	Damage negligible in buildings of good design and construction; slight to moderate in well-built ordinary structures; considerable damage in poorly built or badly designed structures; some chimneys broken.
VIII	Severe	Damage slight in specially designed structures; considerable damage in ordinary substantial buildings with partial collapse. Damage great in poorly built structures. Fall of chimneys, factory stacks, columns, monuments, walls. Heavy furniture overturned.
IX	Violent	Damage considerable in specially designed structures; well-designed frame structures thrown out of plumb. Damage great in substantial buildings, with partial collapse. Buildings shifted off foundations.
X	Extreme	Some well-built wooden structures destroyed; most masonry and frame structures destroyed with foundations. Rails bent.

Colours?

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#998866
#cccaa
#887755

#aaaa99
#dddddd
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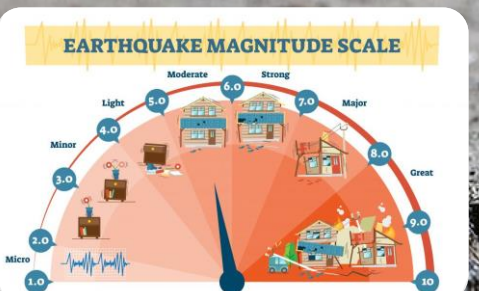
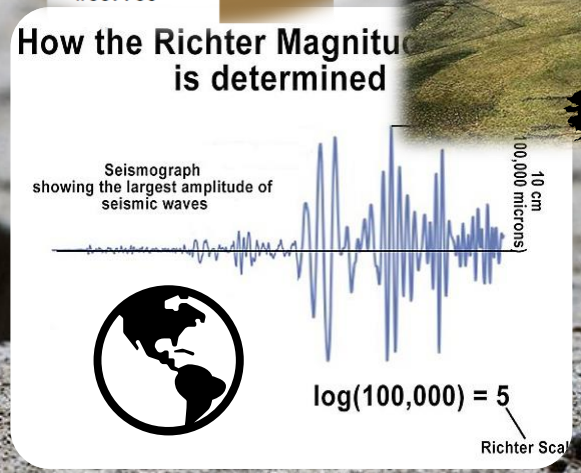
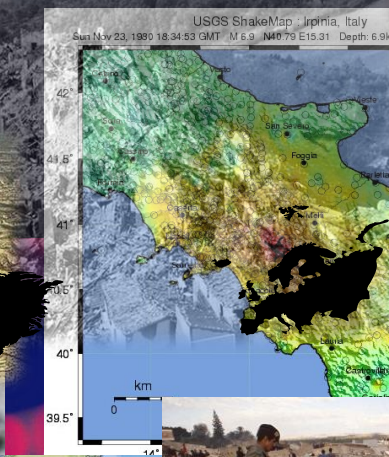
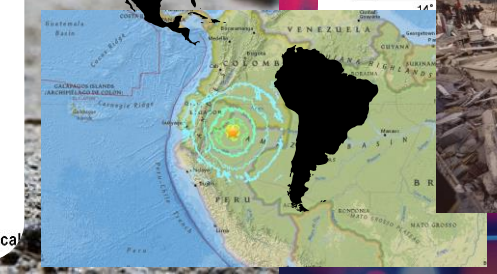


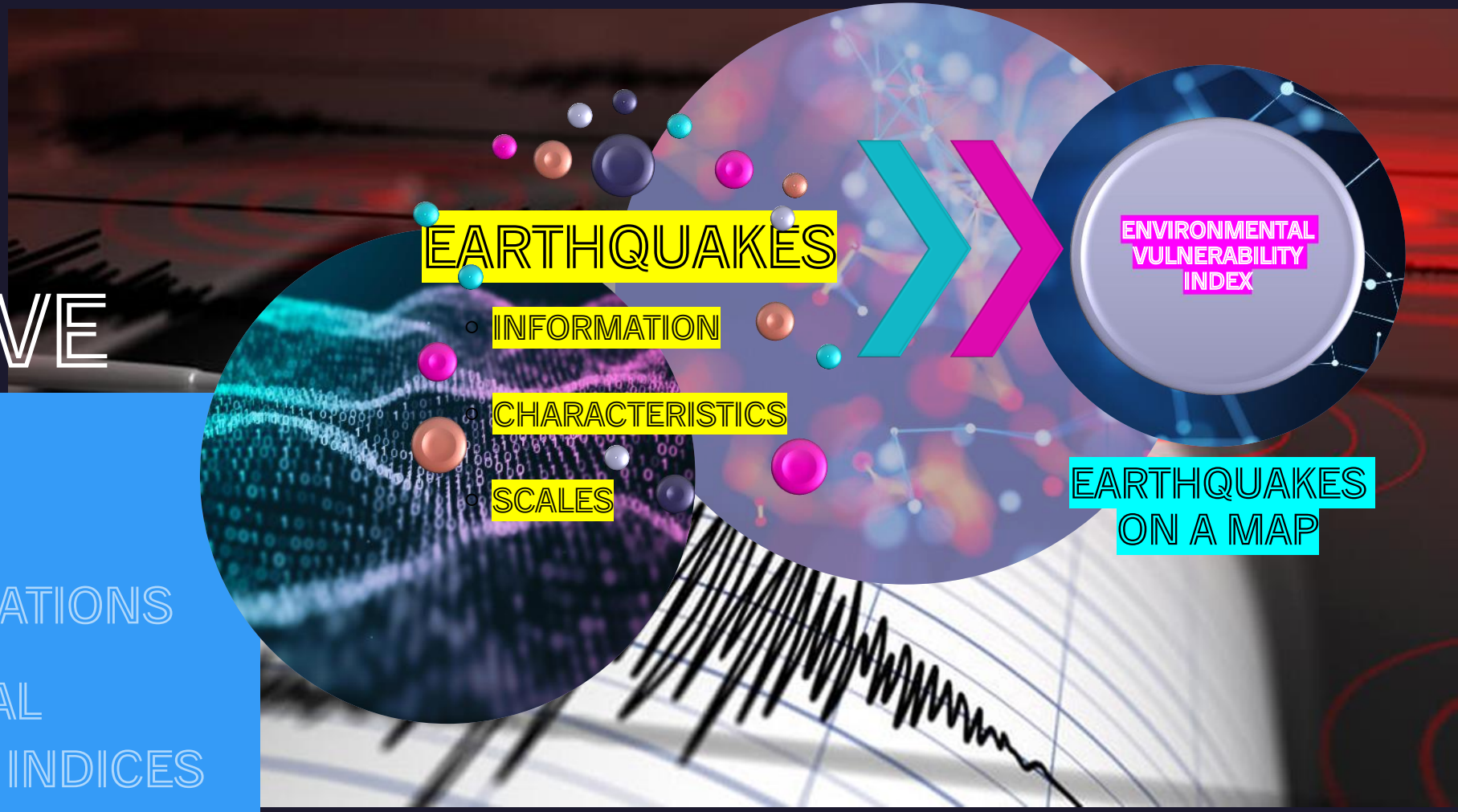






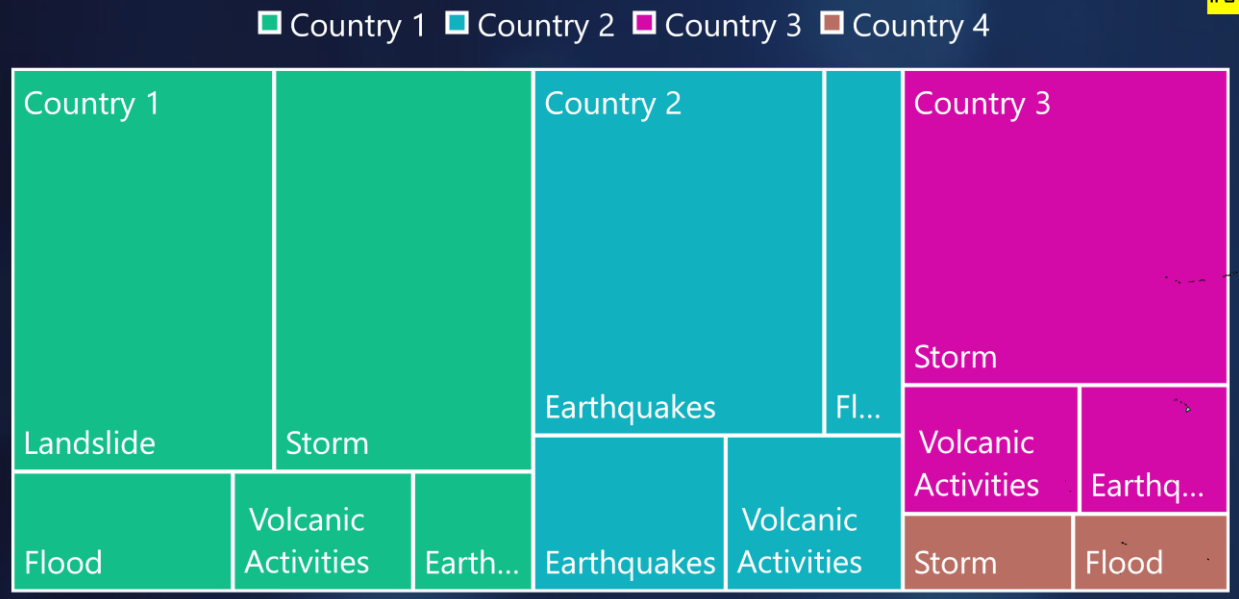
INTERACTIVE AGENDA

1) DISASTERS LOCATIONS
2) ENVIRONMENTAL VULNERABILITY INDICES
3) MAJOR HISTORICAL EARTHQUAKES



1) DISASTERS LOCATIONS

TREE MAP: DISASTERS GROUPED BY COUNTRY AND TYPE

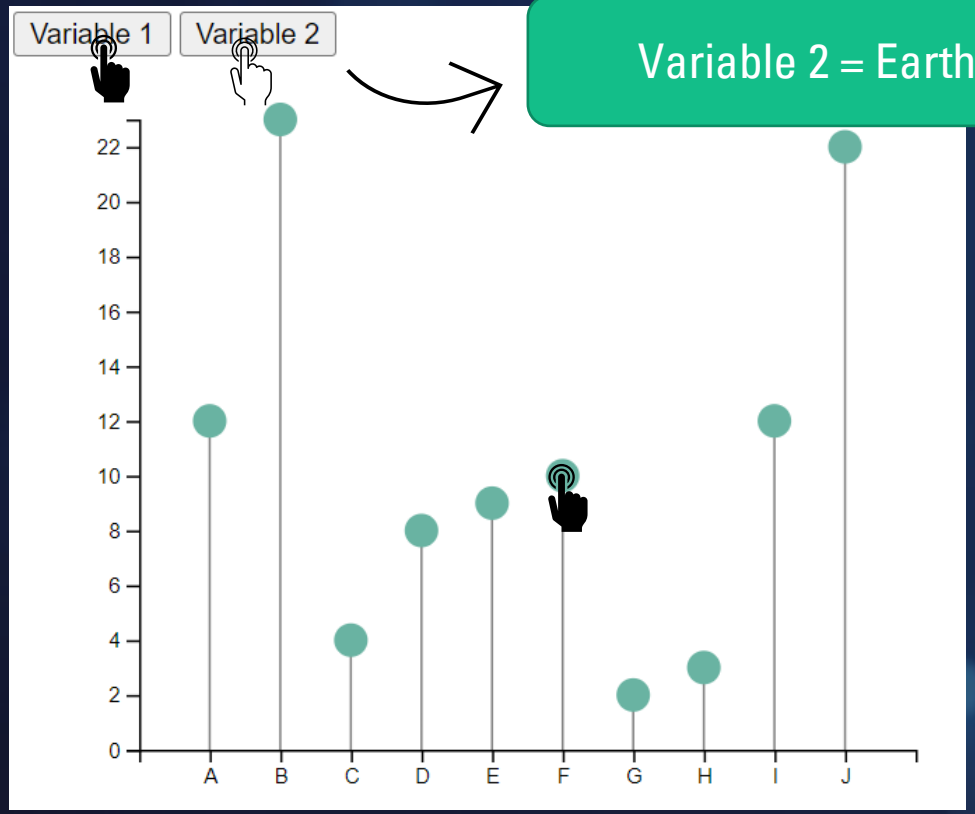


MAP SHOWING LOCATIONS OF MAJOR DISASTERS

Columns to use:
Country > Location
Disaster Type
Lat & Long

2) ENVIRONMENTAL VULNERABILITY INDICES

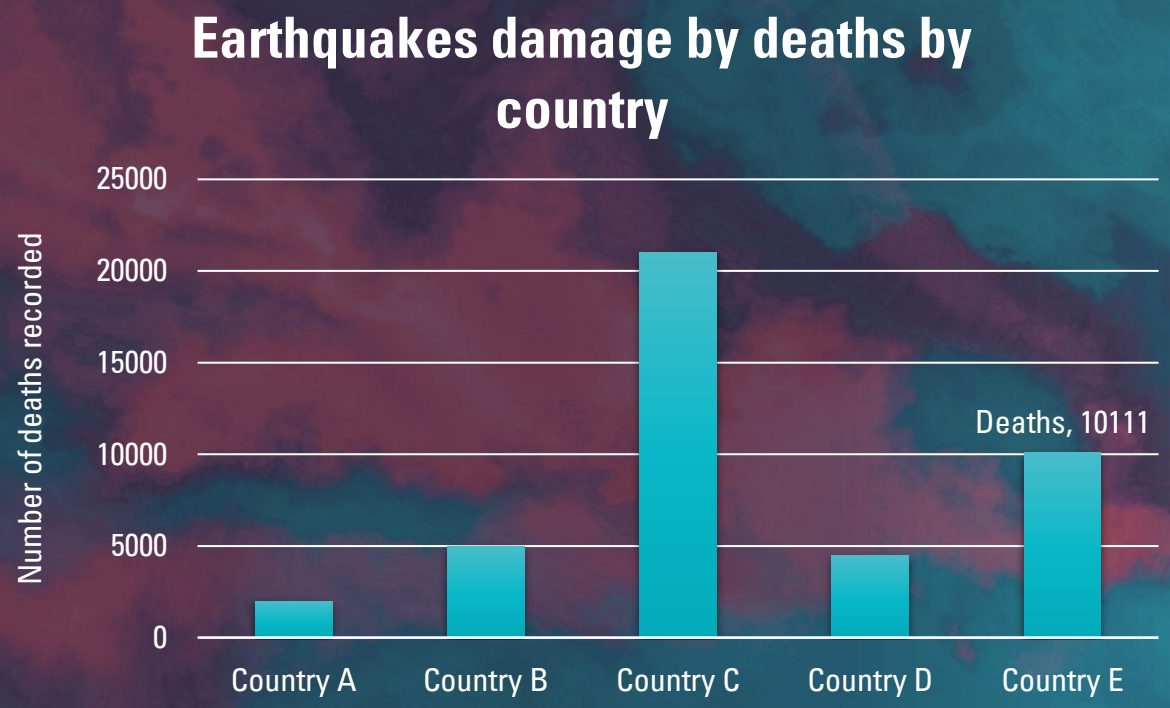
Variable 1 = Overall EVI (defined for each country)



Variable 2 = Earthquake EVI

Columns to use:
Country > Standard
EVI
Earthqkevi index

3) MAJOR HISTORICAL EARTHQUAKES



Columns to use:
Region
Number of deaths
Richter Scale