Information Architecture Top Level V1.0

Notes:
Guides are narratives or stories that introduce new users to the organization and to the website

Interact, View, Browse, Search

Documentation

Download Hazard model(s)
Download Physical Exposure model(s)
Download Physical Vulnerability model(s)

Documentation

Download

How To

In Context Example(s)

value-add guides

Models

Datasets

Visualize

Map

Map Component
- Visualization
- Contextual Text

Buildic, Density, Chloropleth

leaflet map
link to geopkg file
docs

```
const vlay = L.geoPackageFeatureLayer([], {
  geoPackageUrl: 'data/sim9pd_cascadiaair_casualties_sauid.gpkg',
  layerName: 'sql_statement',
  style: function(feature) {
   return {
    color: '#F00',
    weight: 2,
    opacity: 1,
   };
  },
  onEachFeature: function(feature, layer) {
   let string = '';
   for (const key in feature.properties) {
    string +=
     '<div class="item"><span class="label">' +
     key +
     ': </span><span class="value">' +
     feature.properties[key] +
     '</span></div>';
   }
   layer.bindPopup( string );
  }
}).addTo( map )
```

Jekyll boilerplate

Home Page

English
or
French
Navigation

Search & Browse

Search Interface

Search by Keyword

Search by Hazards

Search by City/Region

Search by Models

Browse by Organizational Resource

Search and browse indices allow fast and direct access to contents of the website

.geopkg

CSV
GeoJSON
GeoPackage

info-via-Components/
ChoroplethMap.js

Asset View
Visualization

Header

Search

Title
Description

Download Data

Footer

Browse
Read Documentation
Visualize data
download/access

Map will dynamically update
based on user's selected
indicators

UI to select prominent
indicators:

1. Human Settlement
2. Seismic Risk
3. Multi-Hazard Transpirts Risk
4. Multihazard Risk

Three Views:

Correct
Firmer
Thermal (geopkg)

NET.js
Bootstrap UI

Each Indicator will be broken down
into further classifications

i.e. 1.3 Human Settlement -> 1.3 Social Fabric -> 1.3.1
Housing Conditions

All Selected 'items' can then prompt the user to Generate
an itemized report

GeoPackage

User:

Search Region, Subregion from .geopkg Schema

Map Loads, Indicators can then be Selected to populate over
the given map

Indicators

Source
Tables

Data Export

Data layers
(multiple maps/layer

Meta data

Fetch metadata from
GEOPackage file
and plug into template
components

Map through data

Create - Documentation
page template

_template folder

HTML / LIQUID Template for Documentation
pages, and visualizing components

fetch data as an object and map
through to populate UI Elements

Legend

Navigation

Data Flow

Tab

Page

Search

Action

Data