archivers.space

Information gathered during Data Rescue Events through the archivers.space app. See
http://www.ppehlab.org/datarescueworkflow#retiredworkflow for more information.

Priority *
Number should be 1-10

10

URL *

http://www.st.nmfs.noaa.gov/humandimensions/social-indicators/maph

Agency *

National Oceanic and Atmospheric Administration

Event

Title

Map of social vulnerabilities for fishing communities

Crawled by the Internet Archive? *

◉ Yes

◯ No

Internet Archive URL

https://www.archivers.space/urls/94AF8F70-00C4-4FF1-87B4-9DB69B518CAA

Description

Purpose or significance of data

Map of Social Vulnerabilities for fishing communities

- [ ] Do not harvest. All data is small, unstructured, and on a page crawlable by the Internet Archive.

- [ ] Page contains dynamic content (e.g., links loaded by JavaScript).

- [x] Page contains interactive visualizations.

- [ ] Data is accessible in structured file(s) that can be directly downloaded.

- [ ] Data is accessible over FTP.

- [ ] Data is accessible using a documented public API.

- [ ] Data is only accessible using search queries in a web form.

Recommended approach to harvesting data

XHR request for each indicator

File formats

Estimated size in MB

Related URLs

http://www.st.nmfs.noaa.gov/humandimensions/social-indicators/map

Where you able to capture all of the data at this URL?

○ Yes

○ No

Harvest method used

dev tools -> find appropriate XHR request -> curl it

Notes from Harvest

Check notes.txt in tools for note

For any analysts, I reccomend using pup (https://github.com/ericchiang/pup) to get the JSON entries you want for all the files (the name of the place is is GEO_NAME)

See the parameters below the map for explanation of what each of the JSON attributes will do. The top of each JSON is not needed for analysis but the bottom gives a numerical score of the different vulnerabilities

more info from different reviewer:
i didn't find any notes.txt or any uploaded material referenced above... ?

the data behind these visualizations is all coming from an ArcGIS Feature Service, here:
http://services2.arcgis.com/C8EMgrsFcRFL6LrL/ArcGIS/rest/services/FishingCommunitie
sSocialIndicators20151116/FeatureServer
Looks like it's a polygon layer (communities) + a corresponding points layer that falls within the boundaries of the community. Both layers have the same data behind it -- the only difference is points are easier to query and faster to visualize.

The way to query these is to go to an individual layer, find the Query link at the bottom, and in the /query endpoint enter 1=1 in the where field and * in the outFields field. Looks like querying as geojson will return all 3800+ objects on the points layer, and will crash the polygons layer.

Unfortunately, the field names on the data don't provide as much information as the legend in the interactive map here. For instance, "Housing Characteristics" is "hschrct" in the data, and there's a scale of 0-4 in the data corresponding to "N/A", "Low", "Medium", "MedHigh", and "High". So might need to capture the metadata from each service and change it manually (or add aliases to each field)?

Suggestions for downloading data from ArcGIS Servers:
https://github.com/tannerjt/AGStoShapefile
https://github.com/gdherbert/datapillager <-- needs to be run from ArcGIS Desktop.

I used the first one to capture the straight data and store as json and geojson (and put it in the /data folder), but I think this needs service metadata somehow attached to this...

Saturday February 25th, 2017
Downloaded the 3 Points Datasets corresponding to the URL
http://www.st.nmfs.noaa.gov/humandimensions/social-indicators/map in .json format
using arcgis-get for the three endpoints:

http://services2.arcgis.com/C8EMgrsFcRFL6LrL/ArcGIS/rest/services/FishingCommunitie
sSocialIndicators/FeatureServer/
http://services2.arcgis.com/C8EMgrsFcRFL6LrL/ArcGIS/rest/services/FishingCommunitie
sSocialIndicators20151109/FeatureServer/
http://services2.arcgis.com/C8EMgrsFcRFL6LrL/ArcGIS/rest/services/FishingCommunitie
sSocialIndicators/FeatureServer20151116/

Didn't retrieve the Polygons per previous note of server errors and from experiencing the
errors as well. :)

Note for Harvest review: The following pages need to be archived in this bag to make it
useful for researchers:
http://www.st.nmfs.noaa.gov/humandimensions/social-indicators/index
http://www.st.nmfs.noaa.gov/humandimensions/social-indicators/ind-categories
http://www.st.nmfs.noaa.gov/humandimensions/social-indicators/additional-info

User certified that to the best of their knowledge this is a well-checked bag that will survive out of context of the site it was harvested from.

◉ Yes

Notes from Bagging

the data is in json and come with an html doc that will open it in http://www.arcgis.com/

Note: please bag as .csv (or at least geoJSON) not as .json to make it more useful to
scientists. (.csv can be used for xy data and is known and widely used by scientists using
GIS and is portable to multiple platforms. most scientists won't know what to do with a
.json; however geoJSON can be opened by QGIS)

Additionally, links in the html docs will open the live data, not that which is included in the
Bag

Also, See the note in Harvesting above about accompanying documentation

Notes from Describe

JSON needs to be converted to .csv to make it useful to researchers.

This resource was apparently already on CKAN with the same URL +2. I therefore haven't uploaded this file, as it appears to be a duplicate. - Alison Clemens

This form was created outside of your domain.

Google Forms