AidData
Open Data for International Development

AidData geo(query) Request Documentation

Report Info

Request Name	Request 09-11-17 10:35
Request Id	59b69f1dc15e00afc75cd4b9
Email	danr@wm.edu
Generated on	2017-09-11 10:36:10 (EDT)
Download Link	geo.aiddata.org/query/#!/status/59b69f1dc15e00afc75cd4b9

Processing Timeline

submitted	2017-09-11 10:35:09 (EDT)
prepared	2017-09-11 10:36:07 (EDT)
processed	2017-09-11 10:36:07 (EDT)
completed	2017-09-11 10:36:10 (EDT)

Citation

Please cite the following in any and all applications of the extracted datasets:

Goodman, S., BenYishay, A., Runfola, D., 2016. Overview of the geo Framework. AidData. Available online at geo.aiddata.org. DOI: 10.13140/RG.2.2.28363.59686

Contents of Request Zip

- request documentation (this pdf document)
- a comma separated value (CSV) file containing your data
- JSON file containing your request parameters
- "Introducing the AidData Geo Framework" paper (pdf)

For additional information, usage tips, guides and more please visit *geo.aiddata.org*.

To get in touch, please contact us via *geo@aiddata.org*.

Interpreting CSV Column Names

Each CSV will contain a column labeled "asdf_id" which has values for each feature that are unique (within that boundary dataset), one or more columns for your extract data, followed by the original source attributes for the boundary file (e.g., from GADM)

The standard format for extract data column names is a three part string delimited by periods (.)

<dataset>.<filter>.<method>

where

<dataset> is the name of the dataset which was extracted

<filter> describes how the dataset was filtered. This is usually a temporal value (e.g., YYYY format for year such as "1999", "none" for temporally invariant data, or a unique hash describing more complex filters, such as for aid datasets)

<method> is the extract method used to aggregate dataset values to boundary features (e.g., "mean", "sum")

Notes - Aid data extracts

The <filter> component of aid data extracts is a unique hash that corresponds to the filter combination used to generate that particular aid data extract (e.g., donor, sector, year, status). For each aid data extract you request, you will see three columns in the CSV that have the same <dataset> and <filter> sections of the column name with the <methods> of the three being different.

These three <method> values are:

- "sum" is the total aid for each feature within the boundary based on the distribution of aid used when building the aid data

- "potential" is the maximum aid that could have been allocated to each feature regardless of the distribution of aid used

- "reliability" is a ratio of sum:potential representing a simplistic measure of how accurate the distribution and aggregation of aid was relative to the boundary features used during the extract process

Notes - Categorical extracts

Data extracted using the categorical method will have multiple columns with the same <dataset> and <filter> where the .<method> for each is "categorical_.<category>.

For a simple landcover dataset this might look like:

- landcover.2000.categorical_water

- landcover.2000.categorical_forest

- landcover.2000.categorical_desert

Usage Notes

- If you attempt to merge geo(query) results wth vector data (e.g., shapefiles) downloaded from GADM, the GADM data may not always contain a unique id field to merge on. In these cases, please feel free to contact us and we can provide you with a modified file that contains a unique field for merging ("asdf_id" field, found in all result csvs).

Notes About Aid Datasets

- When requesting aid data using a very specific filter (usually resulting in only a single project match), the location count shown in geo(query) may be inaccurate. This can results in aid filters which appear valid while building your request, but result in no aid data in your results csv. This is due to a slight reduction in the accuracy of location counts for the web page in order to make the responses fast enough for user interaction.

- The year filter for aid data is based on project start and end dates (determined by earliest and latest transactions). Because projects are represented by year ranges, multiple aid data selections for individual years may contain duplicate aid. This will result in an inflated total if you sum the aid from each individual year (compared to a single selection for all years). Limited source information on individual or even yearly transactions for a project prevent us from offering more granular temporal aid values for projects.

- All aid data selections result in commitment values, regardless of whether you filter by commitment values or disbursement values (or both). This is due to the notably better project coverage of commitments vs disbursements (e.g., World Bank aid dataset has 99% commitment coverage vs ~75% for disbursements).

Request Overview

Note: This section only contains an overview of boundary and data selections. For meta data, see the "Meta Information" section.

Boundary Selection

Title	Honduras ADM2 Boundary - GADM 2.8
Dataset	hnd_adm2_gadm28
Group	hnd_gadm28
Description	GADM Boundary File for ADM2 (Municipality) in Honduras.

Data Selection 1 - World Bank Geocoded Aid Data v1.4.2

Column Names	worldbank_geocodedresearchrelease_level1_v1_4_2.3161dcb.sum
Dataset	worldbank_geocodedresearchrelease_level1_v1_4_2
Filters	hash: 3161dcb82321a941537c753029cca3cb02f56468
ad_sector_names	General environmental protection

Data Selection 2 - Normalized Difference Vegetation Index - NDVI (LTDR v4 - AVHRR)

Column Names	Format: "ltdr_avhrr_ndvi_v4_yearly.<temporal>.<method>" for all combinations of <temporal> and <method> which can be found in the "Temporal Selection" and "Extract Types Selected" fields below (1 columns total)
Dataset	ltdr_avhrr_ndvi_v4_yearly
Temporal Type	year
Temporal Selection	2014
Extract Types Selected	mean

Meta Information

Boundary

Title	Honduras ADM2 Boundary - GADM 2.8
Name	hnd_adm2_gadm28
Version	2.8
Description	GADM Boundary File for ADM2 (Municipality) in Honduras.
Details	(no additional details)
Type	boundary
File Format	vector
File Extension	geojson
Scale	regional
Temporal	
Temporal Type	Temporally Invariant
Bounding Box	[[[-89.35079193115229, 17.41847229003912], [-89.35079193115229, 12.984539985656738], [-82.40569305419922, 12.984539985656738], [-82.40569305419922, 17.41847229003912], [-89.35079193115229, 17.41847229003912]]]
Date Added	2016-10-19
Date Updated	2016-10-19
Source Name	Global Administrative Areas (GADM)
Source Link	http://www.gadm.org
Citation	Global Administrative Areas (GADM) http://www.gadm.org.
Group	hnd_gadm28
Group Class	sub
Group Title	Honduras GADM 2.8

Dataset 1

Title	World Bank Geocoded Aid Data v1.4.2
Name	worldbank_geocodedresearchrelease_level1_v1_4_2
Version	1.4.2
Description	Aid data from World Bank Donor System, geocoded and published by AidData. Covers projects from 1995 to 2014. Version 1.4.2.
Details	(no additional details)

Type	release
File Format	release
File Extension	
Scale	global
Temporal	
Temporal Type	Project Start Date Coverage
Temporal Name	Project Start Date Coverage
Temporal Format	%Y
Temporal Start	1995
Temporal End	2014
Bounding Box	[[[-175.6332, 72.0], [-175.6332, -54.666669999999996], [179.19981, -54.666669999999996], [179.19981, 72.0], [-175.6332, 72.0]]]
Date Added	2017-03-29
Date Updated	2017-03-29
Source Name	World Bank
Source Link	http://data.worldbank.org/
Citation	AidData. 2017. WorldBank_GeocodedResearchRelease_Level1_v1.4.2 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. http://aiddata.org/research-datasets.
Download Link	http://aiddata.org/geocoded-datasets

Dataset 2

Title	Normalized Difference Vegetation Index - NDVI (LTDR v4 - AVHRR)
Name	ltdr_avhrr_ndvi_v4_yearly
Version	4
Description	Yearly value for Normalized Difference Vegetation Index (NDVI). Created using the NASA Long Term Data Record (v4) AVHRR data.
Details	Created by aggregating daily data to monthly by taking the maximum value, then averaging the monthly data to get yearly values. All negative NDVI values were truncated to 0 and saturated pixels were adjusted to the max of the normal NDVI range (10000).
Type	raster

File Format	raster
File Extension	tif
Scale	global
Temporal	
Temporal Type	Date Range
Temporal Name	Date Range
Temporal Format	%Y%m%d
Temporal Start	19810101
Temporal End	20161231
Bounding Box	[[[-180.0, 90.0], [-180.0, -90.0], [180.0, -90.0], [180.0, 90.0], [-180.0, 90.0]]]
Date Added	2017-07-25
Date Updated	2017-07-25
Source Name	NASA/Goddard Space Flight Center
Source Link	http://ltdr.nascom.nasa.gov/ltdr/ltdr.html
Citation	Pedelty JA, Devadiga S, Masuoka E et al. (2007) Generating a Long-term Land Data Record from the AVHRR and MODIS Instruments. Proceedings of IGARRS 2007, pp. 1021–1025. Institute of Electrical and Electronics Engineers, NY, USA.
Variable Description	positive NDVI values 0:10000
Resolution	0.05
Extract Types	max, mean, min, count
Factor	10000.0

Terms of Use

Acknowledgements

This work was performed in part using computational facilities at the College of William and Mary which were provided with assistance from the National Science Foundation, the Virginia Port Authority, and Virginia's Commonwealth Technology Research Fund.