

LiberiaConcessions_GeocodedResearchRelease_Level1_v1.0

Released: 10/07/2016

Overview

This geocoded dataset release represents all concession licenses sourced, as of June 15, 2016, from the Liberian Extractive Industries Transparency Initiative (LEITI), the Mining Cadastre Administration System (MCAS), and the Liberia National Concessions Portal (LNCP), along with additional information collected using AidData's "TUFF" open-source data collection methodology.

Users should primarily use the `concessions_level1.geojson` file¹. The `.shp` file contains the same data but different attribute names - to crosswalk attribute names from `.shp` to `.geojson`, please see "`field_crosswalk.csv`".

This data was created using funds, in part or in whole, from Humanity United. We also owe a debt of gratitude to Ciata Bishop and the National Bureau of Concessions, Konah Karmo and the LEITI, Kanio Gbala and the Concessions Working Group (CWG), Joseph Howe and the Ministry of Lands, Mines, and Energy (MLME), and countless others for lending their guidance, support, and expertise in generating this dataset. All data obtained in this dataset is collected with permission from the relevant parties and cited accordingly.

To the extent possible, this dataset follows the guidance outlined by the Open Contracting Data Standard, v1.0. The Open Contracting Data Standard is a core product of the [Open Contracting Partnership](#) (OCP). Version 1.0 of the standard was developed for the OCP by the [World Wide Web Foundation](#), through a project supported by the [Omidyar Network](#) and the [World Bank](#). Ongoing development is managed by [Open Data Services Co-operative](#) under contract to [OCP](#).

Please direct any questions or comments to data@aiddata.org.

Geocoded Data Coverage

Years: 2001-2015

Licenses: 556

Companies: 240

Sectors: 4

Glossary

AidData: A research and innovation lab at the College of William and Mary.

LEITI: The Liberian Extractive Industries Transparency Initiative

¹ Such files are useable in arcGIS, QGIS, and online resources such as geojson.io.

CWG: Concessions Working Group

MCAS: Mining Cadastre Administration System

LNCP: Liberia National Concessions Portal

MLME: Ministry of Lands, Mines, and Energy

FDA: Forest Development Authority

MOA: Ministry of Agriculture

NOCAL: National Oil Company of Liberia

For further definitions of important terms, please see the “Liberia Concessions Methodology, version 1.0”.

Files Included in this Release

File or Folder	File or Sub-Folder	Description
	README.pdf	This file
data	concessions_level1.geojson	Geojson file for this dataset
data	concessions_level1.shp	shape format; the feature geometry for this dataset
data	concessions_level1.prj	projection format; the coordinate system and projection information
data	concessions_level1.shx	shape index format; a positional index of the feature geometry
data	concessions_level1.dbf	attribute format; columnar attributes for each shape
doc	liberia_concessions_methodology_v1.0	
metadata	field_crosswalk.csv	Crosswalk of attribute values from .shp to .geojson format

Resources for Using Data in a GIS

AidData has developed Introduction to GIS Training Modules for QGIS (which is free and open source) and ArcGIS. This training is oriented towards new users of spatial information with the purpose of improving understanding and ability to use spatial information. The instructional tutorial will help users to join spatial information with other data, calculate new variables, and create cartographic outputs.

QGIS Training Module: <http://bit.ly/aiddata-qgis>

ArcGIS Training Module: <http://bit.ly/aiddata-arcgis>

Caveats

*Financial amounts appear in USD-2014 under the “amountConstant” column.

*Sectors are assigned at the data collection stage according to the AidData coding scheme.

*Financial amounts reported under the “amountCurrent” and “amountConstant” columns were sourced either from the financial information reported by the MCAS or LEITI for individual licenses, or from open-source data collection using AidData’s Tracking Under-Reported Financial Flows (“TUFF”) methodology. TUFF is a methodology pioneered by AidData that seeks to systematically synthesize open-source information into discrete contract-level records by triangulating information across media, official, and academic sources. In this particular context, we deployed TUFF to collect information on the full investment committed to a concession area by the license holder.

*Financial data sourced using TUFF only reports “commitment” information; due to the nature and limitations of the data collection process, disbursement amounts are not available for these concessions. On the other hand, if we report financial data from the MCAS of payments towards a given concession license, this can be considered a disbursement due to the past nature of the transaction.

*We also deployed TUFF to collect information on the corporate social responsibility (CSR) provisions associated with licenses (see: “csrComm”, “physInf”, and “jobComm”) or instances of violence or social conflict in response to a particular concession agreement or area. The source information for these fields can be found under “additionalSource” or “vscSource”.

*We incorporate the Open Contracting ID (ocid) and Land Matrix ID (landmatrixID) for select records (when available) to link our data with other open, accessible repositories of contracting data. See: OpenLandContracts.org and ResourceContracts.org.

*Due to the quality and reliability of spatial data from the LNCP and MCAS, if a given license had spatial duplicates - e.g. spatial information from more than one source - we defaulted to using LNCP/MCAS spatial data.

Websites of Sources

Source	URL
AidData	aiddata.org
LEITI	http://www.leiti.org.lr/contracts-and-concessions.html
MCAS	http://liberia.revenuesystems.org/login/auth
LNCP	http://portals.flexicadastre.com/liberia/
Resource Contracts	http://resourcecontracts.org/
Open Land Contracts	http://openlandcontracts.org/

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