

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/ |

Data Licensing and Attribution

ODC Attribution License (ODC-By)

Preamble

The Open Data Commons Attribution License is a license agreement intended to allow users to freely share, modify, and use this Database subject only to the attribution requirements set out in Section 4.

Databases can contain a wide variety of types of content (images, audiovisual material, and sounds all in the same database, for example), and so this license only governs the rights over the Database, and not the contents of the Database individually. Licensors may therefore wish to use this license together with another license for the contents.

Sometimes the contents of a database, or the database itself, can be covered by other rights not addressed here (such as private contracts, trademark over the name, or privacy rights / data protection rights over information in the contents), and so you are advised that you may have to consult other documents or clear other rights before doing activities not covered by this License.

The Licensor (as defined below)

and

You (as defined below)

agree as follows:

1.0 Definitions of Capitalised Words

"Collective Database" – Means this Database in unmodified form as part of a collection of independent databases in themselves that together are assembled into a collective whole. A work that constitutes a Collective Database will not be considered a Derivative Database.

"Convey" – As a verb, means Using the Database, a Derivative Database, or the Database as part of a Collective Database in any way that enables a Person to make or receive copies of the Database or a Derivative Database. Conveying does not include interaction with a user through a computer network, or creating and Using a Produced Work, where no transfer of a copy of the Database or a Derivative Database occurs.

"Contents" – The contents of this Database, which includes the information, independent works, or other material collected into the Database. For example, the contents of the Database could be factual data or works such as images, audiovisual material, text, or sounds.

"Database" – A collection of material (the Contents) arranged in a systematic or methodical way and individually accessible by electronic or other means offered under the terms of this License.

"Database Directive" – Means Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, as amended or succeeded.

"Database Right" – Means rights resulting from the Chapter III ("sui generis") rights in the Database Directive (as amended and as transposed by member states), which includes the Extraction and Re-utilisation of the whole or a Substantial part of the Contents, as well as any similar rights available in the relevant jurisdiction under Section 10.4.

"Derivative Database" – Means a database based upon the Database, and includes any translation, adaptation, arrangement, modification, or any other alteration of the Database or of a Substantial part of the Contents. This includes, but is not limited to, Extracting or

Re-utilising the whole or a Substantial part of the Contents in a new Database.

"Extraction" – Means the permanent or temporary transfer of all or a Substantial part of the Contents to another medium by any means or in any form.

"License" – Means this license agreement and is both a license of rights such as copyright and Database Rights and an agreement in contract.

"Licensor" – Means the Person that offers the Database under the terms of this License.

"Person" – Means a natural or legal person or a body of persons corporate or incorporate.

"Produced Work" – a work (such as an image, audiovisual material, text, or sounds) resulting from using the whole or a Substantial part of the Contents (via a search or other query) from this Database, a Derivative Database, or this Database as part of a Collective Database.

"Publicly" – means to Persons other than You or under Your control by either more than 50 percent ownership or by the power to direct their activities (such as contracting with an independent consultant).

"Re-utilisation" – means any form of making available to the public all or a Substantial part of the Contents by the distribution of copies, by renting, by online or other forms of transmission.

"Substantial" – Means substantial in terms of quantity or quality or a combination of both. The repeated and systematic Extraction or Re-utilisation of insubstantial parts of the Contents may amount to the Extraction or Re-utilisation of a Substantial part of the Contents.

"Use" – As a verb, means doing any act that is restricted by copyright or Database Rights whether in the original medium or any other; and includes without limitation distributing, copying, publicly performing, publicly displaying, and preparing derivative works of the Database, as well as modifying the Database as may be technically necessary to use it in a different mode or format.

"You" – Means a Person exercising rights under this License who has not previously violated the terms of this License with respect to the Database, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.

Words in the singular include the plural and vice versa.

2.0 What this License covers

2.1. Legal effect of this document. This License is:

- a. A license of applicable copyright and neighbouring rights;
- b. A license of the Database Right; and
- c. An agreement in contract between You and the Licensor.

2.2 Legal rights covered. This License covers the legal rights in the Database, including:

- a. Copyright. Any copyright or neighbouring rights in the Database. The copyright licensed includes any individual elements of the Database, but does not cover the copyright over the Contents independent of this Database. See Section 2.4 for details. Copyright law varies between jurisdictions, but is likely to cover: the Database model or schema, which is the structure, arrangement, and organisation of the Database, and can also include the Database tables and table indexes; the data entry and output sheets; and the Field names of Contents stored in the Database;
- b. Database Rights. Database Rights only extend to the Extraction and Re-utilisation of the whole or a Substantial part of the Contents.

Database Rights can apply even when there is no copyright over the Database. Database Rights can also apply when the Contents are removed from the Database and are selected and arranged in a way that would not infringe any applicable copyright; and

c. Contract. This is an agreement between You and the Licensor for access to the Database. In return you agree to certain conditions of use on this access as outlined in this License.

2.3 Rights not covered.

a. This License does not apply to computer programs used in the making or operation of the Database;

b. This License does not cover any patents over the Contents or the Database; and

c. This License does not cover any trademarks associated with the Database.

2.4 Relationship to Contents in the Database. The individual items of the Contents contained in this Database may be covered by other rights, including copyright, patent, data protection, privacy, or personality rights, and this License does not cover any rights (other than Database Rights or in contract) in individual Contents contained in the Database. For example, if used on a Database of images (the Contents), this License would not apply to copyright over individual images, which could have their own separate licenses, or one single license covering all of the rights over the images.

3.0 Rights granted

3.1 Subject to the terms and conditions of this License, the Licensor grants to You a worldwide, royalty-free, non-exclusive, terminable (but only under Section 9) license to Use the Database for the duration of any applicable copyright and Database Rights. These rights explicitly include commercial use, and do not exclude any field of endeavour. To the extent possible in the relevant jurisdiction, these rights may be exercised in all media and formats whether now known or created in the future.

The rights granted cover, for example:

a. Extraction and Re-utilisation of the whole or a Substantial part of the Contents;

b. Creation of Derivative Databases;

c. Creation of Collective Databases;

d. Creation of temporary or permanent reproductions by any means and in any form, in whole or in part, including of any Derivative Databases or as a part of Collective Databases; and

e. Distribution, communication, display, lending, making available, or performance to the public by any means and in any form, in whole or in part, including of any Derivative Database or as a part of Collective Databases.

3.2 Compulsory license schemes. For the avoidance of doubt:

a. Non-waivable compulsory license schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme cannot be waived, the Licensor reserves the exclusive right to collect such royalties for any exercise by You of the rights granted under this License;

b. Waivable compulsory license schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme can be waived, the Licensor waives the exclusive right to collect such royalties for any exercise by You of

the rights granted under this License; and,

c. Voluntary license schemes. The Licensor waives the right to collect royalties, whether individually or, in the event that the Licensor is a member of a collecting society that administers voluntary licensing schemes, via that society, from any exercise by You of the rights granted under this License.

3.3 The right to release the Database under different terms, or to stop distributing or making available the Database, is reserved. Note that this Database may be multiple-licensed, and so You may have the choice of using alternative licenses for this Database. Subject to Section 10.4, all other rights not expressly granted by Licensor are reserved.

4.0 Conditions of Use

4.1 The rights granted in Section 3 above are expressly made subject to Your complying with the following conditions of use. These are important conditions of this License, and if You fail to follow them, You will be in material breach of its terms.

4.2 Notices. If You Publicly Convey this Database, any Derivative Database, or the Database as part of a Collective Database, then You must:

- a. Do so only under the terms of this License;
- b. Include a copy of this License or its Uniform Resource Identifier (URI) with the Database or Derivative Database, including both in the Database or Derivative Database and in any relevant documentation;
- c. Keep intact any copyright or Database Right notices and notices that refer to this License; and
- d. If it is not possible to put the required notices in a particular file due to its structure, then You must include the notices in a location (such as a relevant directory) where users would be likely to look for it.

4.3 Notice for using output (Contents). Creating and Using a Produced Work does not require the notice in Section 4.2. However, if you Publicly Use a Produced Work, You must include a notice associated with the Produced Work reasonably calculated to make any Person that uses, views, accesses, interacts with, or is otherwise exposed to the Produced Work aware that Content was obtained from the Database, Derivative Database, or the Database as part of a Collective Database, and that it is available under this License. Please use this notice:

AidData. 2016. TUFFChinaEcologicalHotSpots_GeocodedResearchRelease_Level1_v1.0 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. <http://aiddata.org/research-datasets>.

4.4 Licensing of others. You may not sublicense the Database. Each time You communicate the Database, the whole or Substantial part of the Contents, or any Derivative Database to anyone else in any way, the Licensor offers to the recipient a license to the Database on the same terms and conditions as this License. You are not responsible for enforcing compliance by third parties with this License, but You may enforce any rights that You have over a Derivative Database. You are solely responsible for any modifications of a Derivative Database made by You or another Person at Your direction. You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License.

5.0 Moral rights

5.1 Moral rights. This section covers moral rights, including any rights to be identified as the author of the Database or to object to treatment

that would otherwise prejudice the author's honour and reputation, or any other derogatory treatment:

a. For jurisdictions allowing waiver of moral rights, Licensor waives all moral rights that Licensor may have in the Database to the fullest extent possible by the law of the relevant jurisdiction under Section 10.4;

b. If waiver of moral rights under Section 5.1 a in the relevant jurisdiction is not possible, Licensor agrees not to assert any moral rights over the Database and waives all claims in moral rights to the fullest extent possible by the law of the relevant jurisdiction under Section 10.4; and

c. For jurisdictions not allowing waiver or an agreement not to assert moral rights under Section 5.1 a and b, the author may retain their moral rights over certain aspects of the Database.

Please note that some jurisdictions do not allow for the waiver of moral rights, and so moral rights may still subsist over the Database in some jurisdictions.

6.0 Fair dealing, Database exceptions, and other rights not affected

6.1 This License does not affect any rights that You or anyone else may independently have under any applicable law to make any use of this Database, including without limitation:

a. Exceptions to the Database Right including: Extraction of Contents from non-electronic Databases for private purposes, Extraction for purposes of illustration for teaching or scientific research, and Extraction or Re-utilisation for public security or an administrative or judicial procedure.

b. Fair dealing, fair use, or any other legally recognised limitation or exception to infringement of copyright or other applicable laws.

6.2 This License does not affect any rights of lawful users to Extract and Re-utilise insubstantial parts of the Contents, evaluated quantitatively or qualitatively, for any purposes whatsoever, including creating a Derivative Database (subject to other rights over the Contents, see Section 2.4). The repeated and systematic Extraction or Re-utilisation of insubstantial parts of the Contents may however amount to the Extraction or Re-utilisation of a Substantial part of the Contents.

7.0 Warranties and Disclaimer

7.1 The Database is licensed by the Licensor "as is" and without any warranty of any kind, either express, implied, or arising by statute, custom, course of dealing, or trade usage. Licensor specifically disclaims any and all implied warranties or conditions of title, non-infringement, accuracy or completeness, the presence or absence of errors, fitness for a particular purpose, merchantability, or otherwise. Some jurisdictions do not allow the exclusion of implied warranties, so this exclusion may not apply to You.

8.0 Limitation of liability

8.1 Subject to any liability that may not be excluded or limited by law, the Licensor is not liable for, and expressly excludes, all liability for loss or damage however and whenever caused to anyone by any use under this License, whether by You or by anyone else, and whether caused by any fault on the part of the Licensor or not. This exclusion of liability includes, but is not limited to, any special, incidental, consequential, punitive, or exemplary damages such as loss of revenue, data, anticipated profits, and lost business. This exclusion applies

even if the Licensor has been advised of the possibility of such damages.

8.2 If liability may not be excluded by law, it is limited to actual and direct financial loss to the extent it is caused by proved negligence on the part of the Licensor.

9.0 Termination of Your rights under this License

9.1 Any breach by You of the terms and conditions of this License automatically terminates this License with immediate effect and without notice to You. For the avoidance of doubt, Persons who have received the Database, the whole or a Substantial part of the Contents, Derivative Databases, or the Database as part of a Collective Database from You under this License will not have their licenses terminated provided their use is in full compliance with this License or a license granted under Section 4.8 of this License. Sections 1, 2, 7, 8, 9 and 10 will survive any termination of this License.

9.2 If You are not in breach of the terms of this License, the Licensor will not terminate Your rights under it.

9.3 Unless terminated under Section 9.1, this License is granted to You for the duration of applicable rights in the Database.

9.4 Reinstatement of rights. If you cease any breach of the terms and conditions of this License, then your full rights under this License will be reinstated:

- a. Provisionally and subject to permanent termination until the 60th day after cessation of breach;
- b. Permanently on the 60th day after cessation of breach unless otherwise reasonably notified by the Licensor; or
- c. Permanently if reasonably notified by the Licensor of the violation, this is the first time You have received notice of violation of this License from the Licensor, and You cure the violation prior to 30 days after your receipt of the notice.

9.5 Notwithstanding the above, Licensor reserves the right to release the Database under different license terms or to stop distributing or making available the Database. Releasing the Database under different license terms or stopping the distribution of the Database will not withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

10.0 General

10.1 If any provision of this License is held to be invalid or unenforceable, that must not affect the validity or enforceability of the remainder of the terms and conditions of this License and each remaining provision of this License shall be valid and enforced to the fullest extent permitted by law.

10.2 This License is the entire agreement between the parties with respect to the rights granted here over the Database. It replaces any earlier understandings, agreements or representations with respect to the Database.

10.3 If You are in breach of the terms of this License, You will not be entitled to rely on the terms of this License or to complain of any breach by the Licensor.

10.4 Choice of law. This License takes effect in and will be governed by the laws of the relevant jurisdiction in which the License terms are sought to be enforced. If the standard suite of rights granted under

applicable copyright law and Database Rights in the relevant jurisdiction includes additional rights not granted under this License, these additional rights are granted in this License in order to meet the terms of this License.