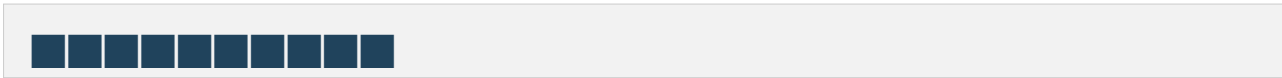


Trends.Earth — ■■■■■■■■■■
■■■■■■■■■■

version 2.2.6

Conservation International

April 16, 2026



Trends.Earth	1
	1
	2
15.3.1	2
2 (2)	15
3 (3)	17
11.3.1	27
	43
	48
	51
Trends.Earth	51
	54
	54
	54
	64
, ,	109
UNCCD	115
(11.3.1)	117
	141
	148
	156
/	158
	162
	166
	168
	172
	173
Trends.Earth	173
	175
	176
	177
	179
()	179
, Trends.Earth	179
Trends.Earth	182
	192
	192
	193
	194

194	
198	
201	
201	
202	
214	

[illegible]

Trends.Earth 是一个开源的、基于云计算的、用于监测和评估全球环境变化的平台。它提供了一系列工具和服务，帮助用户跟踪和可视化全球范围内的各种环境指标，如土地利用变化、森林砍伐、冰川退缩、海平面上升等。该平台的数据来源于卫星遥感、地面观测站、以及公开可用的数据集。用户可以通过 Trends.Earth 的 Web 界面或 API 访问数据，并进行定制化的分析和报告生成。该平台还支持用户自定义的监测区域和指标，以满足不同用户的需求。Trends.Earth 的开放性和可扩展性使其成为学术界、政府机构、非政府组织以及企业界进行环境研究和决策支持的重要工具。

XXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXX

[illegible]

■■■■■ ■■■■■ ■■■

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

[illegible]

Trends.Earth  Trends.Earth is a web-based platform that provides access to a vast collection of satellite imagery and data. It allows users to explore and analyze Earth's surface over time, covering a wide range of topics such as land use, vegetation, and climate change. The platform is user-friendly and offers a variety of tools and features to facilitate data exploration and analysis.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52

Annual integrals of NDVI

2015

NDVI annual series

2000

Linear regression
(Mann-Kendall significance test)

Annual NDVI integral

Time (years)

Improvement or Degradation based on significance of trends





















TRENDS.EARTH

4

■■■■■■■■■■

Dataset	Version	Period	Resolution	Frequency	Units
ERA-Interim	ERA-Interim	1979-2016	0.75° x 0.75°	Hourly	mm day ⁻¹ (0-7 mm)
GPCC v2.3.1	GPCC v2.3.1	1979-2019	2.5° x 2.5°	Monthly	mm/day
GPCC V6	GPCC V6	1891-2019	1° x 1°	Monthly	mm/day
CHIRPS	CHIRPS	1981-2024	5 mm	50° x 50°	mm/day
PERSIANN-CDR	PERSIANN-CDR	1983-2024	25 mm	60° x 60°	mm/day
MOD16A2.GF	MOD16A2.GF	2000-2024	500 m	Hourly	mm day ⁻¹ (=mm)*10

 Twente University

 Faculty of Engineering Technology

[illegible]

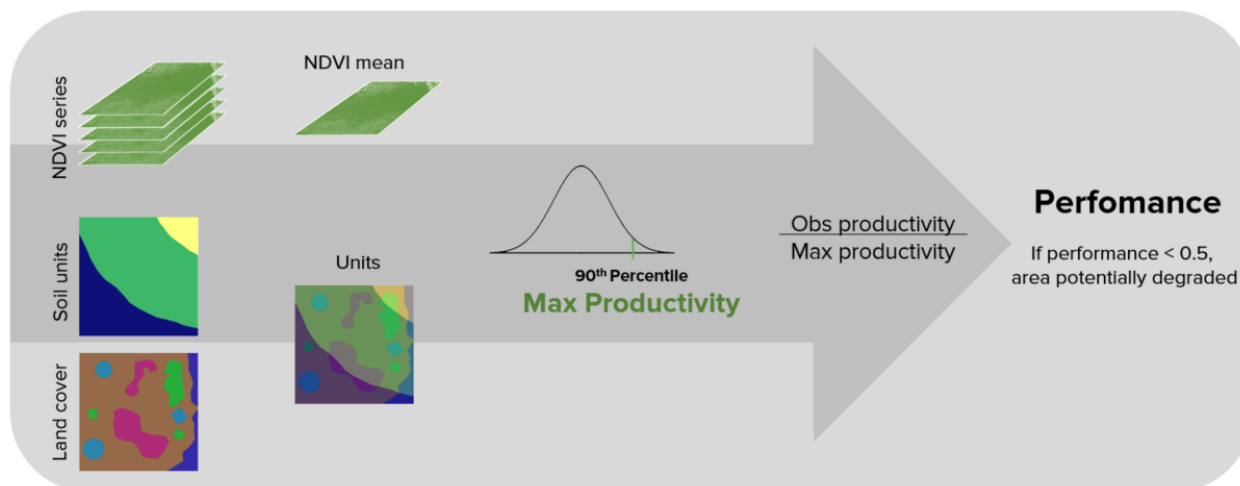
1. **Сторона, не исполнившая обязательства, несет ответственность за возмещение убытков, причиненных другой стороне, в размере, не превышающем стоимости неисполненного обязательства.**
2. **Сторона, исполнившая обязательства, несет ответственность за возмещение убытков, причиненных другой стороне, в размере, не превышающем стоимости исполненного обязательства.** **Сторона, исполнившая обязательства, несет ответственность за возмещение убытков, причиненных другой стороне, в размере, не превышающем стоимости исполненного обязательства.**
3. **Сторона, исполнившая обязательства, несет ответственность за возмещение убытков, причиненных другой стороне, в размере, не превышающем стоимости исполненного обязательства.** **Сторона, исполнившая обязательства, несет ответственность за возмещение убытков, причиненных другой стороне, в размере, не превышающем стоимости исполненного обязательства.**

4. $\mathcal{A}$ 是 $\mathcal{B}$ 的子代数, $\mathcal{B}$ 是 $\mathcal{C}$ 的子代数. 证明: $\mathcal{A}$ 是 $\mathcal{C}$ 的子代数.
5. $\mathcal{A}$ 是 $\mathcal{B}$ 的子代数, $\mathcal{B}$ 是 $\mathcal{C}$ 的子代数. 证明: $\mathcal{A}$ 是 $\mathcal{C}$ 的子代数.
6. $\mathcal{A}$ 是 $\mathcal{B}$ 的子代数, $\mathcal{B}$ 是 $\mathcal{C}$ 的子代数. 证明: $\mathcal{A}$ 是 $\mathcal{C}$ 的子代数.
7. $\mathcal{A}$ 是 $\mathcal{B}$ 的子代数, $\mathcal{B}$ 是 $\mathcal{C}$ 的子代数. 证明: $\mathcal{A}$ 是 $\mathcal{C}$ 的子代数.

7

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

1. **NDVI 数据集的预处理**。首先，对原始 NDVI 数据集进行质量控制，剔除无效数据（如 NaN 值）。然后，将数据集按照时间序列进行排序，并计算每个像素点的 NDVI 均值和标准差。最后，对数据集进行归一化处理，使其范围在 [0, 1] 之间。
2. **数据集的划分**。将数据集按照时间序列划分为训练集和测试集。训练集用于模型的训练，测试集用于模型的评估。
3. **模型的训练**。使用训练集对模型进行训练。在训练过程中，使用交叉验证来评估模型的性能。训练完成后，使用测试集对模型进行评估，并计算模型的准确率、召回率和 F1 分数。
4. **模型的部署**。将训练好的模型部署到生产环境中，用于实时监测和预警。在部署过程中，需要确保模型的运行环境（如硬件、软件）与训练环境一致。
5. **模型的维护**。定期对模型进行维护和更新，以确保其性能的稳定性和准确性。在维护过程中，需要收集新的数据，并对模型进行重新训练和评估。



8

■■■■■■■■■■

NDVI	AVHRR/GIMMS	1982-2015	8		NDVI * 10000
NDVI	MOD13Q1-coll6.1	2001–2024	250		NDVI * 10000
	ESA CCI	1992-2022	300		
			250		



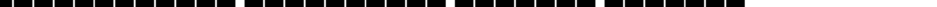
2023年，公司实现营业收入15.31亿元，同比增长15.31%，实现归母净利润1.53亿元，同比增长15.31%。公司主要业务包括：

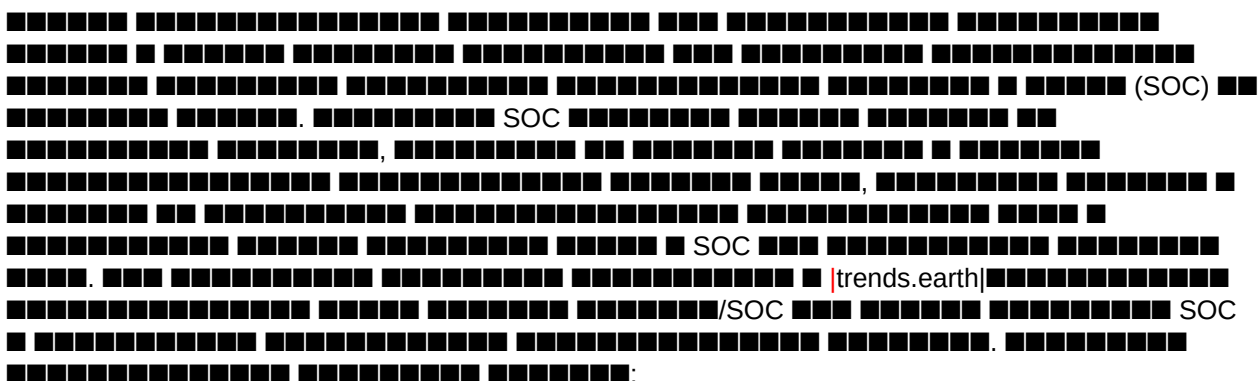
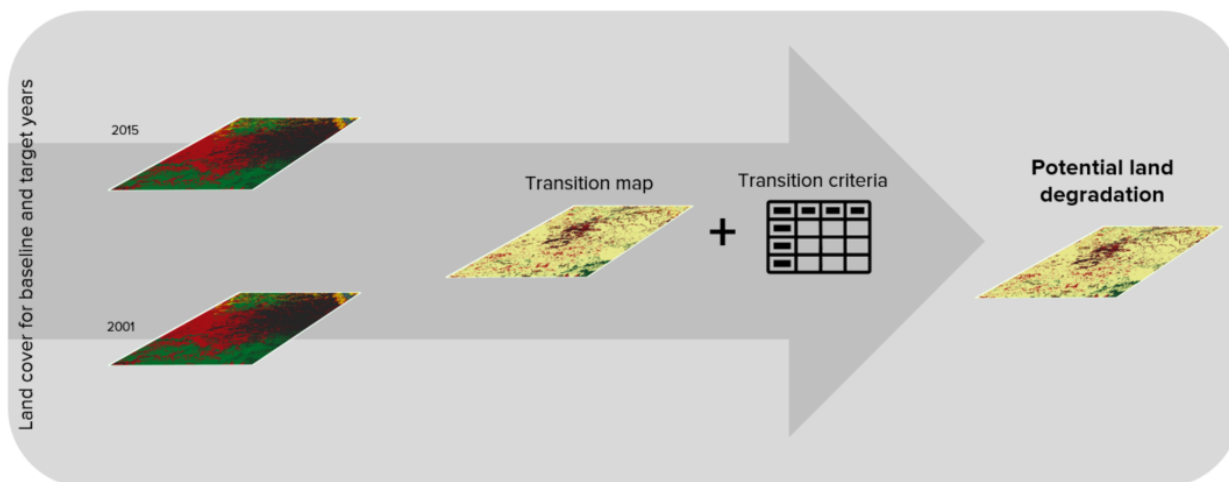
Aggregating Land Productivity metrics

Trend	State	Performance		5 Classes	3 Classes
Improving	Improving	Stable		Improving	Improving
Improving	Improving	Degrading		Improving	Improving
Improving	Stable	Stable		Improving	Improving
Improving	Stable	Degrading		Improving	Improving
Improving	Degrading	Stable		Improving	Improving
Improving	Degrading	Degrading		Moderate decline	Degrading
Stable	Improving	Stable		Stable	Stable
Stable	Improving	Degrading		Stable	Stable
Stable	Stable	Stable	→	Stable	Stable
Stable	Stable	Degrading		Stressed	Stable
Stable	Degrading	Stable		Moderate decline	Degrading
Stable	Degrading	Degrading		Degrading	Degrading
Degrading	Improving	Stable		Degrading	Degrading
Degrading	Improving	Degrading		Degrading	Degrading
Degrading	Stable	Stable		Degrading	Degrading
Degrading	Stable	Degrading		Degrading	Degrading
Degrading	Degrading	Stable		Degrading	Degrading
Degrading	Degrading	Degrading		Degrading	Degrading

■■■■■■■■■■ ■■■■■■

[illegible]

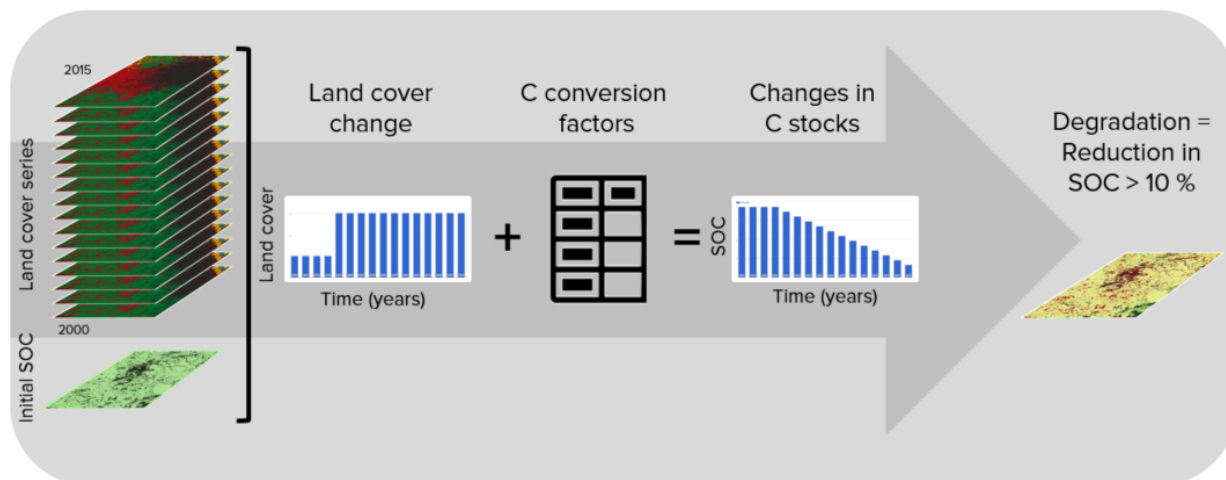
1. trends.earth/  trends.earth/ is a website that provides a global map of the world's climate trends. It shows the distribution of various climate indicators, such as temperature, precipitation, and sea level rise, across the globe. The website is a valuable resource for understanding the current state of the climate and the impact of human activities.



- 11

UNCCD, a United Nations programme, was established in 2002. It is the only United Nations programme dedicated to combating desertification and land degradation, and promoting sustainable land management. UNCCD is a part of the United Nations Development Programme (UNDP) and is headquartered in Bonn, Germany. UNCCD is a member of the United Nations Development Group (UNDG) and is a part of the United Nations System of Economic and Social Council (ECOSOC). UNCCD is a member of the United Nations Development Group (UNDG) and is a part of the United Nations System of Economic and Social Council (ECOSOC). UNCCD is a member of the United Nations Development Group (UNDG) and is a part of the United Nations System of Economic and Social Council (ECOSOC).

LU coefficients	Forest	Grasslands	Croplands	Wetlands	Artificial areas	Bare lands	Water bodies
Forest	1	1	f	1	0.1	0.1	1
Grasslands	1	1	f	1	0.1	0.1	1
Croplands	1/f	1/f	1	1/0.71	0.1	0.1	1
Wetlands	1	1	0.71	1	0.1	0.1	1
Artificial areas	2	2	2	2	1	1	1
Bare lands	2	2	2	2	1	1	1
Water bodies	1	1	1	1	1	1	1

[illegible][illegible]

«**ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1»**»
 «**ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1»**» (10АО). **ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1»**, **ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1»**
ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1» / **ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1»** **ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1»**
ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1» - **ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1»**, **ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1»** / **ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1»** **ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1»**
ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1» **ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1»** **ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «ОАЭ-15.3.1»**.



Aggregating SDG 15.3.1 sub-indicators - 10AO

Land Productivity	Land Cover	SOC	SDG 15.3.1
Improving	Improving	Improving	Improving
Improving	Improving	Stable	Improving
Improving	Improving	Declining	Declining
Improving	Stable	Improving	Improving
Improving	Stable	Stable	Improving
Improving	Stable	Declining	Declining
Improving	Declining	Improving	Declining
Improving	Declining	Stable	Declining
Improving	Declining	Declining	Declining
Stable	Improving	Improving	Improving
Stable	Improving	Stable	Improving
Stable	Improving	Declining	Declining
Stable	Stable	Improving	Improving
Stable	Stable	Stable	Stable
Stable	Stable	Declining	Declining
Stable	Declining	Improving	Declining
Stable	Declining	Stable	Declining
Stable	Declining	Declining	Declining
Declining	Improving	Improving	Declining
Declining	Improving	Stable	Declining
Declining	Improving	Declining	Declining
Declining	Stable	Improving	Declining
Declining	Stable	Stable	Declining
Declining	Stable	Declining	Declining
Declining	Declining	Improving	Declining
Declining	Declining	Stable	Declining
Declining	Declining	Declining	Declining



15.3.1 本条, 旨在明确《中华人民共和国民法典》(以下简称《民法典》) 中关于民事主体权利能力的规定, 特别是关于自然人的民事权利能力的规定。根据《民法典》第十三条, 自然人从出生时起到死亡时止, 具有民事权利能力, 依法享有民事权利, 承担民事义务。本条旨在进一步明确, 自然人的民事权利能力是始于出生、终于死亡, 且不受性别、年龄、智力、精神状况等因素的影响。同时, 本条也明确了, 自然人的民事权利能力是平等的, 不因民族、种族、性别、职业、家庭出身、宗教信仰、教育程度、财产状况、居住期限等因素而有所区别。此外, 本条还明确了, 自然人的民事权利能力是依法享有的, 任何组织和个人不得非法剥夺或限制。最后, 本条还明确了, 自然人的民事权利能力是依法承担的, 任何组织和个人不得非法转嫁或逃避。本条旨在为自然人享有民事权利、承担民事义务提供法律依据, 保障民事主体的合法权益, 维护民事法律关系的稳定。

Note

[illegible]

15.3.1

■■■■■■■■■■

		PERIOD ASSESSMENT		
		DEGRADED	STABLE*	IMPROVED*
BASELINE	DEGRADED	Degraded	Degraded	Improved
	STABLE*	Degraded	Stable	Improved
	IMPROVED*	Degraded	Improved	Improved

* Not Degraded areas.

Note

19. 2025年7月19日，本局收到《https://www.unccd.int/sites/default/files/2025-07/GPG%20Addendum_%20Advanced%20Unedited%20Version.pdf》, 该文件是

[illegible][illegible]

3x3

		PERIOD ASSESSMENT		
		DEGRADED	STABLE	IMPROVED
BASELINE	DEGRADED	1 - Persistent Degradation	3 - Baseline Degradation	6 - Recent Improvement
	STABLE	2 - Recent Degradation	4 - Stability	6 - Recent Improvement
	IMPROVED	2 - Recent Degradation	5 - Baseline Improvement	7 - Persistent Improvement

1. 本報告係根據本公司及子公司之會計帳簿及相關資料，並參考其他相關資料，由會計師執行查核程序後，出具查核報告。

[illegible]

■■■■■■■■■■■■■■■■■■■■ ■■■■ 2 ■■■■ ■■■■ (■■■ 2)

■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■

[illegible]

1. 本報告係根據「個人資料保護法」及「個人資料保護法施行細則」之規定，由本會自行蒐集、處理及利用個人資料，並經本會自行委託專業機構進行調查，其調查結果如下：

[illegible]

- Percentage of the female population exposed to land degradation
- Percentage of the male population exposed to land degradation
- Percentage of the total (female and male) population exposed to land degradation

The resulting totals are then expressed as percentages of the total population within the area of interest, producing the three SO 2-3 metrics: the percentage of the female population, the male population, and the combined population exposed to land degradation. In the output map, pixels in degraded areas retain their population count as a positive value, pixels in improved areas are shown as negative values (indicating population in areas where conditions have improved), and water areas are marked as no-data. This sign convention makes it straightforward to distinguish, at a glance, populations living on degraded land from those on improving land.

■■■■■■■■■■

■■■■■■■■■■■■■■■■■■■■ ■■■■ 3 ■■■■ ■■■■ (■■ 3)

[illegible][illegible]

[REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]. [REDACTED] [REDACTED],
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]. [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED]. [REDACTED] [REDACTED] [REDACTED]

1. **ВВЕДЕНИЕ** — Целью настоящего документа является определение требований к проектированию и изготовлению изделий, предназначенных для использования в условиях повышенной опасности. Настоящий документ устанавливает общие требования к проектированию и изготовлению изделий, предназначенных для использования в условиях повышенной опасности.

[illegible]

1. Introduction

1. **XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXX X XXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX**
XXXX:

- [illegible]

- $$\text{Mean} = \bar{X} = \frac{\sum X}{N}$$

3.

$$s = \sqrt{\frac{\sum (X - \bar{X})^2}{N}}$$

- $$Skew = \frac{N}{(N-1)(N-2)} \sum \left(\frac{X - \bar{X}}{s} \right)^3$$

- $$\log \text{ mean} = \bar{X}_m = \ln(\bar{X})$$

$$U = \bar{X}_{ln} - \frac{\sum \ln(X)}{N}$$

$$\text{shape parameter} = \beta = \frac{1 + \sqrt{1 + \frac{4U}{3}}}{4U}$$

$$scale\ parameter = \alpha = \frac{\bar{X}}{\beta}$$

6. [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED].
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]:

7. $\frac{1}{x^2} = x^{-2}$. Differentiating both sides with respect to x , we get:

■■■■ ■■■■■■■■■■■■■■■■■■■■■■ ■■ g ■■■■■■■ ■■■■■.

[illegible]

■■■:

$$\begin{aligned}c_0 &= 2.515517 \\c_1 &= 0.802583 \\c_2 &= 0.010328 \\d_1 &= 1.432788 \\d_2 &= 0.189269 \\d_3 &= 0.001308\end{aligned}$$

2. **QUESTION**

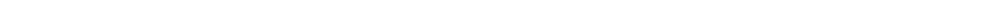
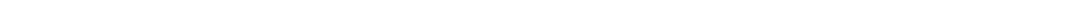
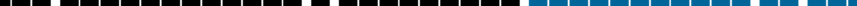
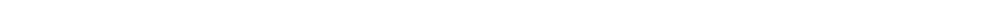
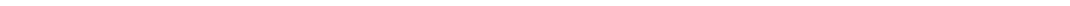
1. 本報告係根據「證券交易法」及「證券發行人財務報告編製準則」之規定，由本公司董事會編製，並經會計師查核簽證，其內容與本公司之財務狀況、經營成果及財務效能等，均無直接關聯。

21

■■■■■■■■■■

■ ■ 1,5 ■ ■ 1,99	■■■■■■■ ■■■■■■
■ ■ 1,0 ■ ■ 1,49	■■■■■■■■■ ■■■■■■
■ ■ -0,99 ■ ■ 0,99	■■■■■ ■■■■■
■ ■ -1,0 ■ ■ -1,49	■■■■■■■■■ ■■■■
■ ■ -1,5 ■ ■ -1,99	■■■■■■■ ■■■■
-2,0 ■■■■ ■■■■■■	■■■■■■■■■■■■■ ■■■■

[illegible]

(SPI)  -


 3 ()  . 
 Tools4LDN 
 3  «

 <<https://static1.squarespace.com/static/5dfad039a288739c6ae0b85/t/6033f28abca1996aedc492d5/1614017200233/cj-4-Tools4LDN2-FNL+web.pdf>>> .

3. _____

THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE.

$$P_{ij} = \frac{area_{ij}}{Total\ area} \times 100$$

□ □ □ :

Pij ■■■■■■■■■■ ■■■■■■■■ ■■■■■■■■■■ ■■ ■■■■■■ ■■■■■■ i ■ ■■■■ i

areaij ■■■■■■■■ ■■■■■■■■■■■■, ■■■■■■■■■■ ■ ■■■■■■■ ■■■■■■■ ■■■■■■■■■■■■
 i

_____ « _____ » _____ .

[illegible]

■■■■■■■■■■ SO3 Level II indicator (SO 3-2 Exposure)

[REDACTED] SO3 Level III [REDACTED] [REDACTED]
[REDACTED] SO 3 Level I Hazard [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED]. [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]. [REDACTED] [REDACTED]
[REDACTED], [REDACTED] [REDACTED], [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED], [REDACTED] [REDACTED], [REDACTED] [REDACTED]
[REDACTED] (REDACTED). [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED]-[REDACTED] [REDACTED]. [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
SO3 Level II [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED]. [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] (Level I). [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED],
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED]

[illegible][illegible]

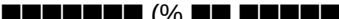
Carrão et al., 2016,
 15
 DVI,

24

■■■■■■■■■■

()	(US EIA)	http://www.eia.gov/
(%)		http://data.worldbank.org/products/wdi
()		http://data.worldbank.org/products/wdi
■ 1,25 () (%)		http://data.worldbank.org/products/wdi
(%)		http://data.worldbank.org/products/wdi
(%) 15		http://data.worldbank.org/products/wdi
(% ,		http://data.worldbank.org/products/wdi
()		http://data.worldbank.org/products/wdi
15–64 (%)		http://data.worldbank.org/products/wdi

■■■■■■■■■■

		
       		http://data.worldbank.org/products/wdi
  	   (WGI)	https://www.worldbank.org/en/publication/worldwide-governance-indicators/interactive-data-access
     	    	http://stats.oecd.org/
		
     	    	http://www.fao.org/nr/water/aquastat/main/index.stm
  		http://www.wri.org/our-work/project/aqueduct
    	gROADSv1	https://data.nasa.gov/dataset/global-roads-open-access-data-set-version-1-groadsv1

The Data Envelopment Analysis (DEA) model is a non-parametric method used to evaluate the relative efficiency of decision-making units (DMUs). It is based on the concept of linear programming and is widely used in various fields, including economics, management, and engineering. The DEA model is particularly useful for comparing the performance of multiple DMUs across multiple inputs and outputs.

$$dv_i = \frac{Soc_i + Econ_i + Infr_i}{3}$$

[illegible]

■■■■■■■■■■ ■■■■■■■■■■

[illegible]

1. **Введение.** Настоящий документ является частью проекта, направленного на повышение эффективности работы организации. Он описывает основные принципы, цели и задачи, которые должны быть достигнуты в процессе реализации проекта.

2. **Цели и задачи.** Основная цель проекта заключается в том, чтобы обеспечить выполнение всех поставленных задач в установленные сроки и в рамках бюджета. Задачи проекта включают:

- Анализ текущей ситуации и выявление проблем.
- Разработка стратегии и плана действий.
- Реализация плана действий.
- Контроль и оценка результатов.

3. **Методология.** Проект будет реализован с использованием гибкой методологии, позволяющей адаптироваться к изменениям. Основные этапы работы включают:

- Планирование.
- Анализ.
- Проектирование.
- Реализацию.
- Контроль.
- Закрытие.

4. **Ресурсы.** Для успешной реализации проекта необходимы следующие ресурсы:

- Финансовые ресурсы.
- Человеческие ресурсы.
- Материальные ресурсы.
- Информационные ресурсы.

5. **Риски.** В процессе реализации проекта могут возникнуть следующие риски:

- Риски, связанные с изменением требований.
- Риски, связанные с недостатком ресурсов.
- Риски, связанные с ошибками в планировании.
- Риски, связанные с проблемами коммуникации.

6. **Заключение.** Проект имеет высокую степень сложности и требует тщательного контроля и управления. Необходимо обеспечить прозрачность работы и регулярное информирование заинтересованных сторон.

27

1. 本局為辦理「107 年度臺南市各級學校學生課後及假日活動實施計畫」，業經呈請臺南市議會審議通過，並由本局分送各級學校遵照辦理。茲為瞭解各校辦理情形，特函請貴局協助提供下列資料，以資彙整及彙報：

[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED], [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED].
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]. [REDACTED] [REDACTED],
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED].

Note

[REDACTED]: [REDACTED]-[REDACTED] (2019) [REDACTED] [REDACTED] 11.3.1 [REDACTED] [REDACTED]:
[REDACTED] [REDACTED]. [REDACTED] [REDACTED] [REDACTED]
[REDACTED] ([REDACTED]-[REDACTED]), [REDACTED].

[REDACTED] [REDACTED], [REDACTED] [REDACTED]/[REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED],
[REDACTED] [REDACTED] [REDACTED] [REDACTED] ([REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED]) [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED]. [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED]

[illegible]

11.3.1

11.3 ■ 2030

11.3.1 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] (REDACTED 1). [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED]
[REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED]

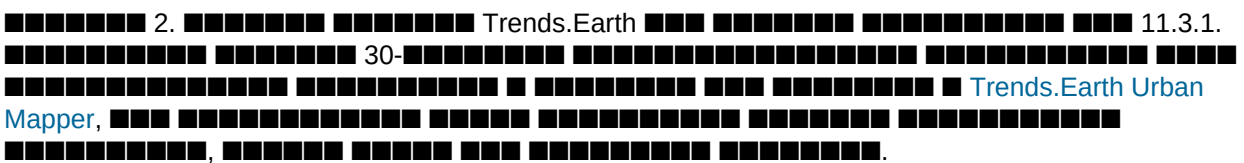
$$\text{SDG 11.3.1} = \frac{\text{ALCR}_{t_1-t_2}}{\text{APGR}_{t_1-t_2}}$$

$$\text{ALCR}_{t_1-t_2} = \frac{\text{Ln}(\frac{\text{Urb}_{t_2}}{\text{Urb}_{t_1}})}{t_2 - t_1}$$

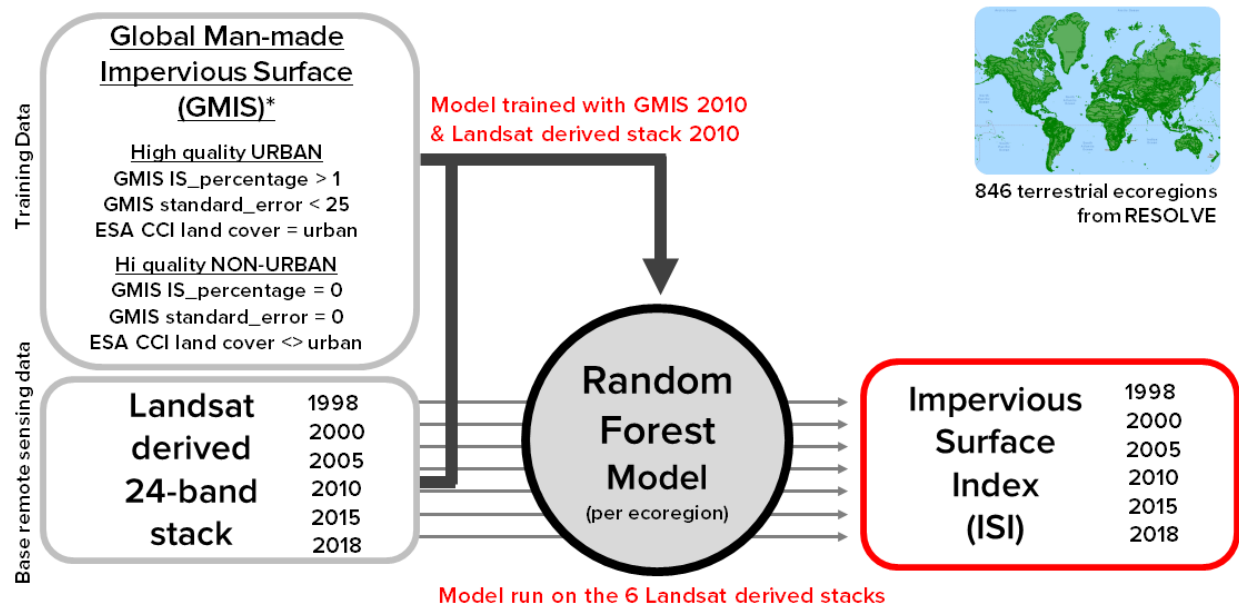
$$\text{APGR}_{t_1-t_2} = \frac{\text{Ln}(\frac{\text{Pop}_{t_2}}{\text{Pop}_{t_1}})}{t_2 - t_1}$$

«**[REDACTED]** 1: **[REDACTED]** 11.3.1 **[REDACTED]** **[REDACTED]** (**[REDACTED]**)
[REDACTED] **[REDACTED]** **[REDACTED]** **[REDACTED]** **[REDACTED]** **[REDACTED]**
(ALCR) ■ **[REDACTED]** **[REDACTED]** **[REDACTED]** (APGR) ■ **[REDACTED]** **[REDACTED]** ■ 1 ■ 2.
Ln: **[REDACTED]**, Urb: **[REDACTED]**, Pop: **[REDACTED]**, t:
[REDACTED] ■ **[REDACTED]**».

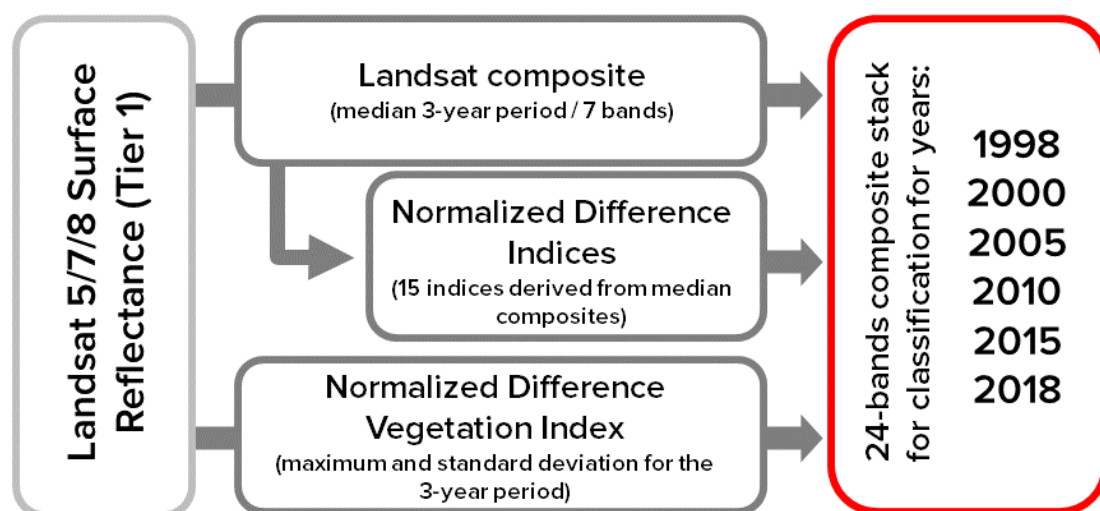
[illegible]



30

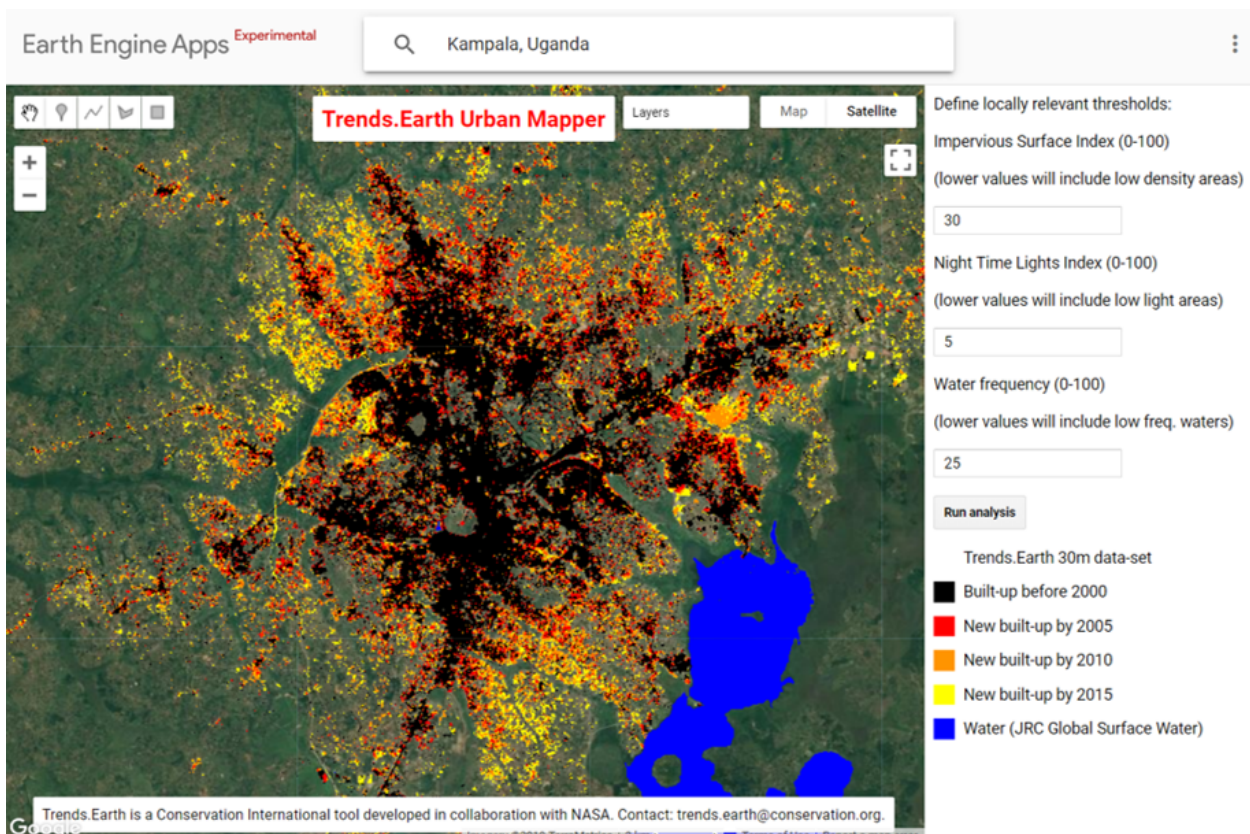


«[REDACTED] 3: [REDACTED] [REDACTED] [REDACTED] 846 [REDACTED] [REDACTED] [REDACTED]. [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] GMIS ■ ESA CCI, ■
[REDACTED] [REDACTED] [REDACTED] [REDACTED] 24 [REDACTED], [REDACTED] [REDACTED] Landsat, [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] 1998, 2000, 2005,
2010, 2015 ■ 2018 [REDACTED]».

[illegible]

[illegible][illegible]

- [illegible]

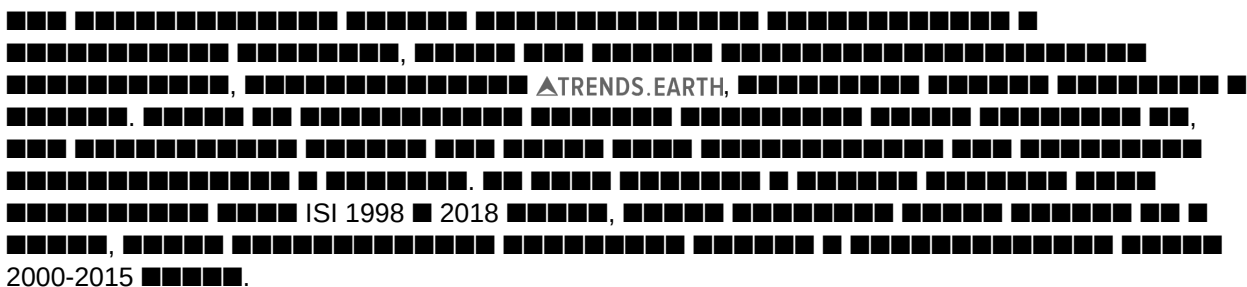


<<https://geflanddegradation.users.earthengine.app/view/trendsearth-urban-mapper>>

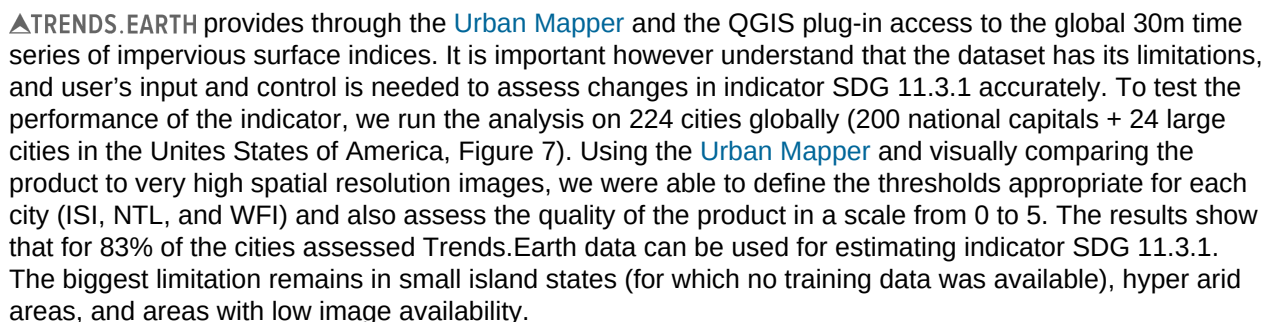
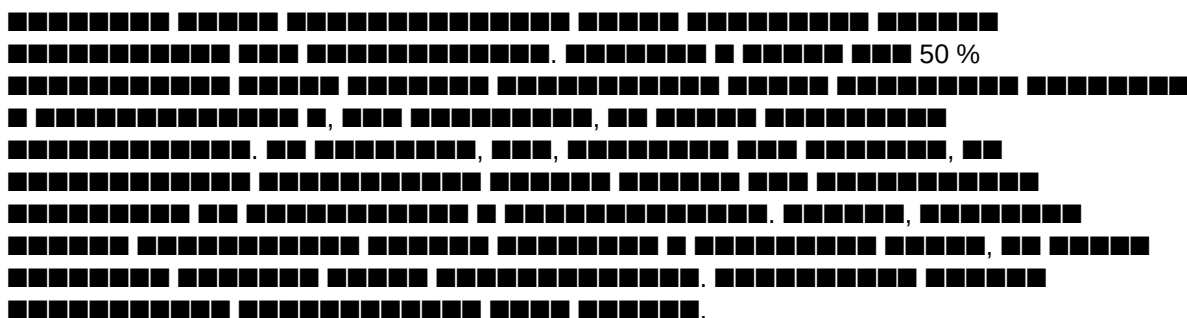
```

#####
#####
##### (ISI, #####)
##### (built, left)».

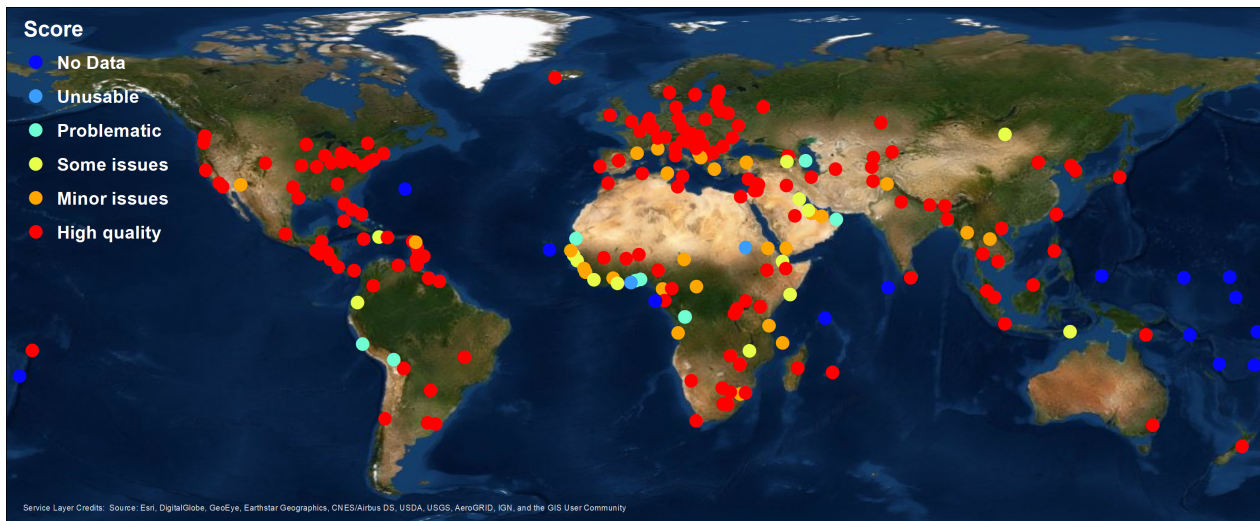
```

[illegible]

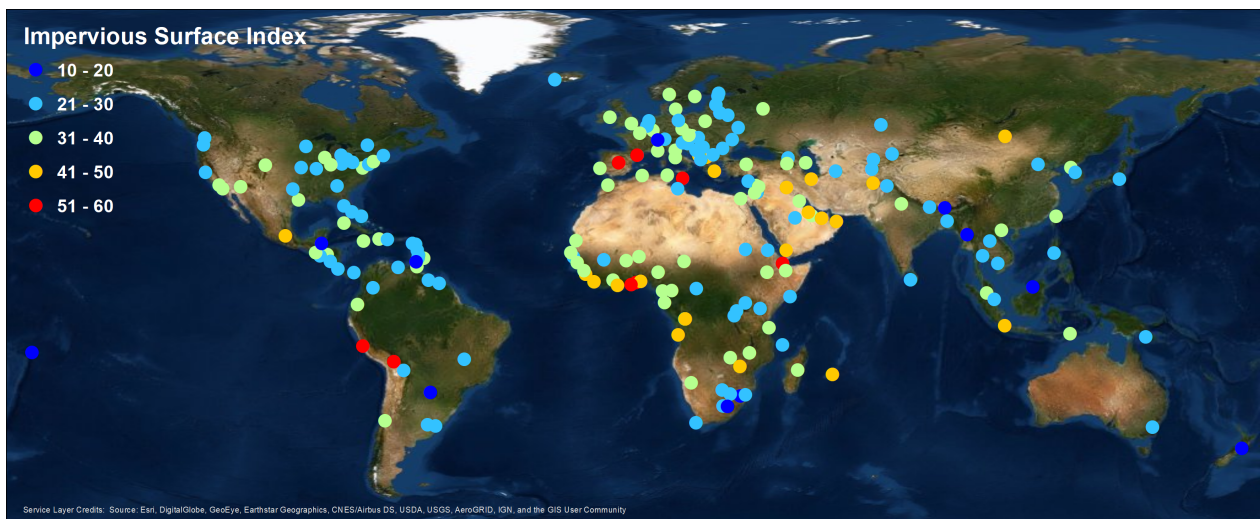
- [illegible]



- 35



« 7: 224 83 % Trends.Earth SDG 11.3.1. () , ».



9. [REDACTED] — [REDACTED]: [REDACTED]
[REDACTED], [REDACTED]

[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] 1, 2, 4, 5, 7 ■ 8
([REDACTED], [REDACTED], [REDACTED] & [REDACTED]).

[illegible]

Note

[illegible][illegible]

1. [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] (b)(7)(C): [REDACTED] [REDACTED] [REDACTED]

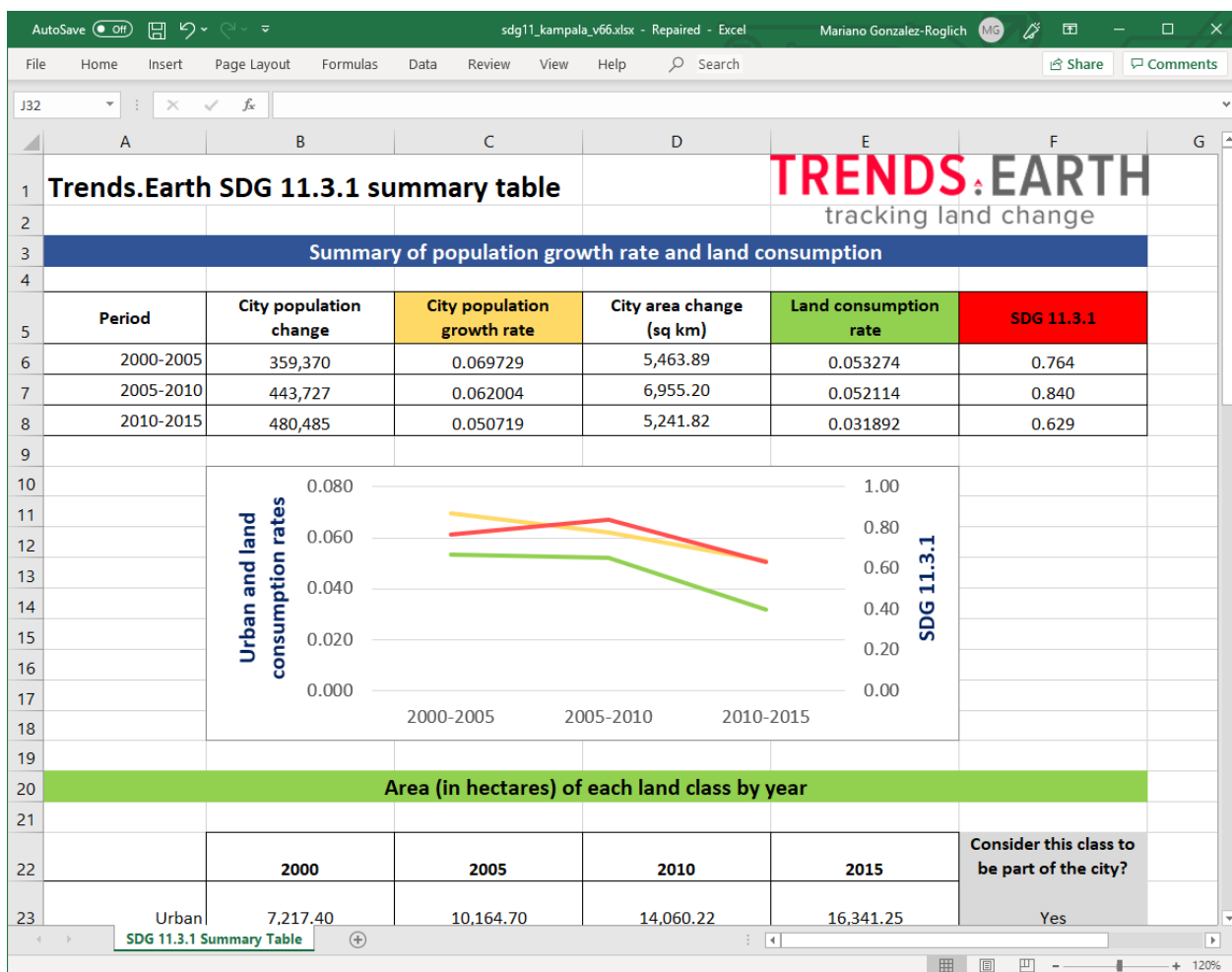
[illegible]

2. **Генерация данных о населении и землепользовании:** Для анализа пространственного распределения населения и землепользования были использованы данные из нескольких источников. Данные о населении были получены из переписи населения 2010 года (Census 2010), а данные о землепользовании – из спутниковых снимков Landsat. Данные о населении были агрегированы на уровне районов (counties), а данные о землепользовании – на уровне кварталов (quadrats). Для каждого района были рассчитаны следующие показатели: общая площадь, площадь под застройкой, площадь под сельским хозяйством, площадь под лесом и площадь под водой. Для каждого квартала были рассчитаны следующие показатели: площадь, площадь под застройкой, площадь под сельским хозяйством, площадь под лесом и площадь под водой. Данные о населении и землепользовании были использованы для расчета индекса пространственного неравенства (Gini index) и индекса пространственного неравенства по землепользованию (Land Use Gini index). Индекс пространственного неравенства (Gini index) – это мера неравенства в распределении населения по территории. Индекс пространственного неравенства по землепользованию (Land Use Gini index) – это мера неравенства в распределении землепользования по территории. Для каждого района были рассчитаны следующие показатели: общая площадь, площадь под застройкой, площадь под сельским хозяйством, площадь под лесом и площадь под водой. Для каждого квартала были рассчитаны следующие показатели: площадь, площадь под застройкой, площадь под сельским хозяйством, площадь под лесом и площадь под водой. Данные о населении и землепользовании были использованы для расчета индекса пространственного неравенства (Gini index) и индекса пространственного неравенства по землепользованию (Land Use Gini index). Индекс пространственного неравенства (Gini index) – это мера неравенства в распределении населения по территории. Индекс пространственного неравенства по землепользованию (Land Use Gini index) – это мера неравенства в распределении землепользования по территории.

■■■■■■■■ ■ Trends.Earth

11.3.1

41



«■■■■■■■ 11: ■■■■■■ ■■ ■■■■■■■■ ■■■■■■■■ ■■■■■■■■ SDG 11.3.1 ■
▲TRENDS.EARTH ■■■■■■■■ ■■■■■■■■ ■■■■■■■■, ■■■■■■■■ ■■■■■■■■, ■■■■■■■■ ■■■■■■■■ SDG 11.3.1 ■■■■■■■■ ■■■■■■■■ ■■■■■■■■».

TRENDS.EARTH

██████████, ███., 2001. ████████████████████ ████████. Mach. Learn. 45, 5-32.
<https://doi.org/10.1023/a:1010933404324>

[illegible]

CIESIN. 2016. [Global Urban Footprint 2016](#), [Version 4 \(GPWv4\): Urban Footprint](#), [Global Urban Footprint 2016](#) v4. [Global Urban Footprint 2016](#) v4. 2015

(SEDAC). <https://doi.org/10.7927/H4HX19NJ>.

[illegible][illegible]

■■■■. 2019. ■■■■■■ ■■■■■■ ■■■■■■/■■■■■■ ■■■■■■■■ VIIRS ■■■■■■ 1.
■■■■■■■ ■■■■■: https://developers.google.com/earth-engine/datasets/catalog/NOAA_VIIRS_DNB_MONTHLY_V1_VCMCFG

■■■-■■■■■■■■ (2019) ■■■■■■ 3: ■■■■■■■■■■ ■■■■■■. ■■■■■■■■ 05.10.2019 ■■: https://unhabitat.org/wp-content/uploads/2019/02/Indicator-11.3.1-Training-Module_Land-Consumption_Jan-2019.pdf.

www.pearsoned.com.au

2000 年，世界人口中 10% 以上的人口生活在极端贫困中，而到 2020 年，这一比例已降至 10% 以下。然而，411 个国家中仍有 165 个国家（UMD & WRI, 2022）。在 2000 年至 2020 年间，全球人口中生活在极端贫困中的人口比例从 10% 降至 10% 以下。然而，411 个国家中仍有 165 个国家（UMD & WRI, 2022）。在 2000 年至 2020 年间，全球人口中生活在极端贫困中的人口比例从 10% 降至 10% 以下。然而，411 个国家中仍有 165 个国家（UMD & WRI, 2022）。

[illegible][illegible]

[illegible][illegible]

Trends.Earth  Trends.Earth is a free online tool that allows you to explore and visualize satellite data from NASA's Earth Observing Satellites. It provides a user-friendly interface for searching, selecting, and visualizing various Earth data products, such as vegetation indices, land use/cover, and climate variables. The tool is designed to be accessible to both scientists and the general public, offering a range of visualization options and data download capabilities. Trends.Earth is a valuable resource for understanding and monitoring changes in our planet's environment over time.

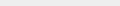
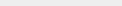
Note

**XXXXXXXXXXXX XXXXXX XXXXX XXXX XXXXXXXXXXX XX XXXXX
XXXXXXXXXXXX XXXXXXX, XXXXXXXXXXXXXXXXXXXXXXXXXXX.**

[illegible]

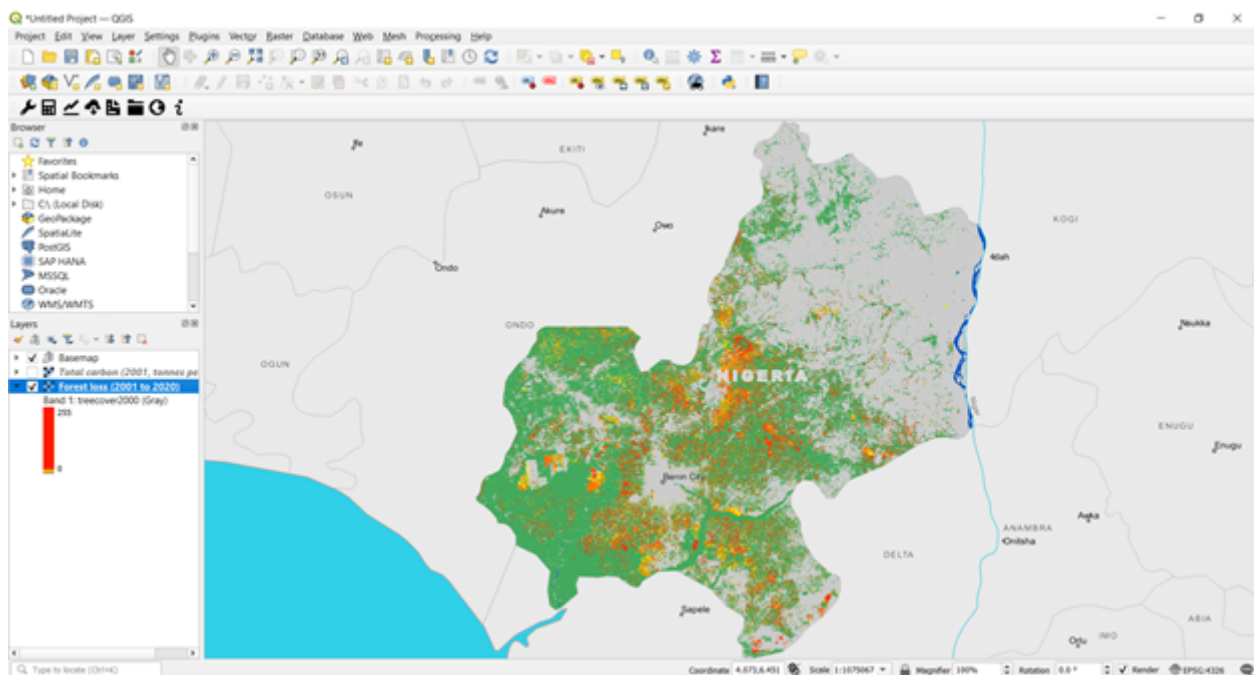
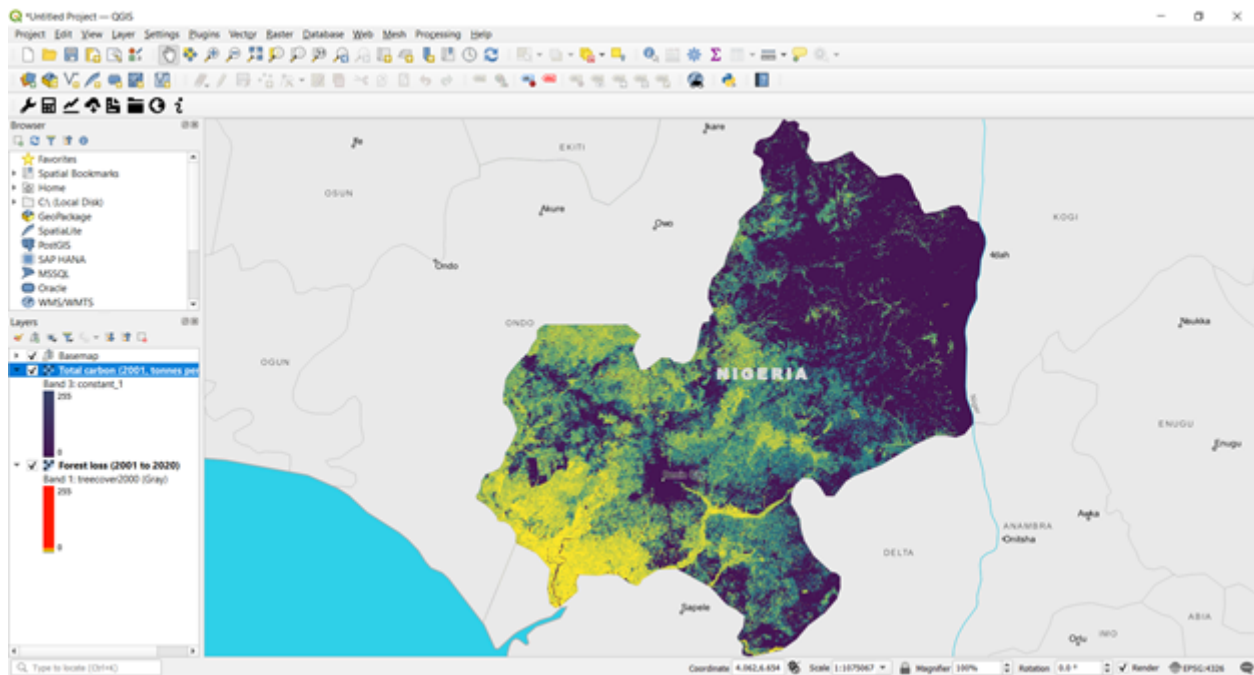
1. **Стороны обязуются:**
 1.1. **Сторона 1:** обязуется предоставить Стороне 2 все необходимые документы и информацию, касающуюся деятельности, связанной с предметом настоящего Соглашения.
 1.2. **Сторона 2:** обязуется использовать предоставленную информацию исключительно в целях, указанных в настоящем Соглашении, и не передавать ее третьим лицам без письменного согласия Стороны 1.

Note

 geoBoundaries,  Trends.Earth.
 This work is licensed under a Creative Commons Attribution 4.0 International License.  Trends.Earth
 For more information, see <https://creativecommons.org/licenses/by/4.0/>
 or visit <https://creativecommons.org/licenses/by/4.0/>
 to learn more, or contact your local Creative Commons office.
 CC BY 4.0.

Trends.Earth 是一个开源的、基于云的、可扩展的平台，用于生成和共享地球系统模型（ESM）的输出。该平台旨在为研究人员提供一个易于使用的界面，以便他们可以访问和探索 ESM 的输出数据。

[illegible]



- [illegible]



- 47

THE UNIVERSITY OF CHICAGO

[illegible]

The company's revenue is primarily derived from its subscription-based software, which is sold to a wide range of customers, including government agencies, private industry, and academic institutions. The company's revenue is also derived from its consulting services, which are provided to its customers. The company's revenue is reported in U.S. dollars.

[illegible][illegible]

[illegible]

The screenshot shows an Excel spreadsheet with the following content:

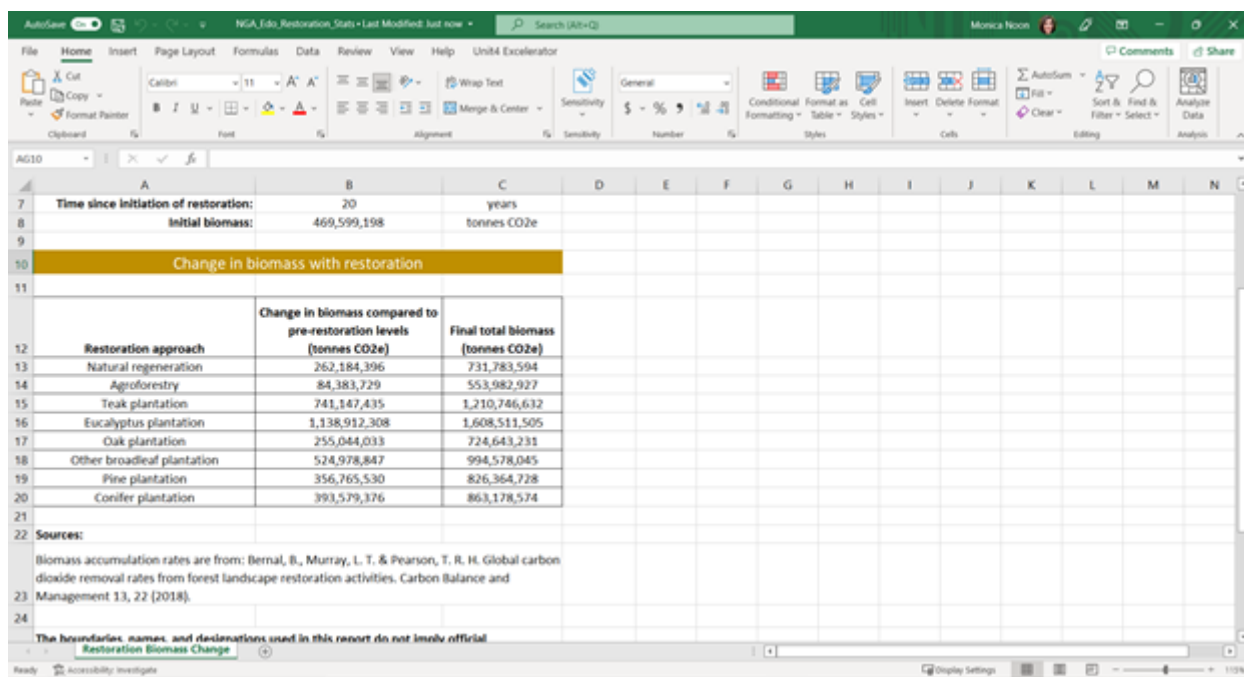
Trends.Earth potential carbon removals from restoration summary table

Summary of chosen area of interest

	Value	Units
Total area of polygon:	1,976,949	hectares
Time since initiation of restoration:	20	years
Initial biomass:	469,599,198	tonnes CO2e

Change in biomass with restoration

Restoration approach	Change in biomass compared to pre-restoration levels (tonnes CO2e)	Final total biomass (tonnes CO2e)
Natural regeneration	262,184,396	731,783,594
Agroforestry	84,383,729	553,982,927
Teak plantation	741,147,435	1,210,746,632
Eucalyptus plantation	1,138,912,308	1,608,511,505
Oak plantation	255,044,033	724,643,231
Other broadleaf plantation	524,978,847	994,578,045

[illegible][illegible]

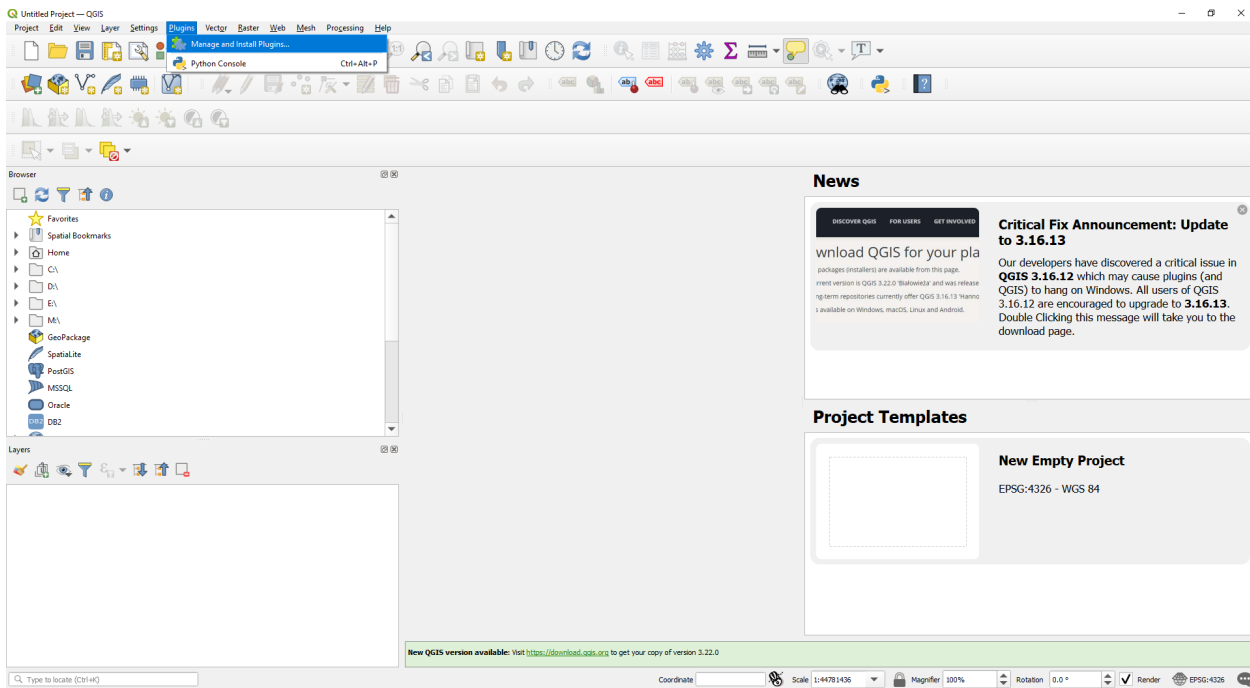
Bernal, B., Murray, L. T. & Pearson, T. R. H. **Carbon balance and management** 13, 22 (2018).

Bunting P, Rosenqvist A, Lucas RM, Rebelo L-M, Hilarides L, Thomas N, Hardy A, Itoh T, Shimada M, Finlayson CM. **Quantifying the impact of land use change on the carbon sequestration potential of a tropical forest: A case study from the Amazon basin** — **Remote Sensing of the Environment** 2010; 114(10):2169-2181. Remote Sensing. 2018; 10(10):1669. <https://doi.org/10.3390/rs10101669>

Griscom, B. W. ■■■■., 2017. ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■. PNAS. 114(44) 11645-11650. <https://doi.org/10.1073/pnas.1710465114>

[illegible]

■■■■■■■■■■ ■■■■■■■■■■ ■■■■ ■■ ■■■■■■■■■■■■ ■■■■■■■■■■, ■■■■■■■■■■ ■■ ■■■■■■■■■■
■■-21 (■■■■■, ■■■■■■). 2015. ■■■■■■■■■■ ■■ ■■■■■■■■■■
unfccc.int/resource/docs/2015/cop21/eng/l09r01.pdf.



52

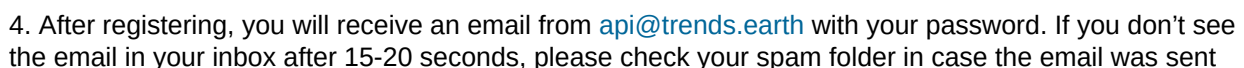
[illegible]

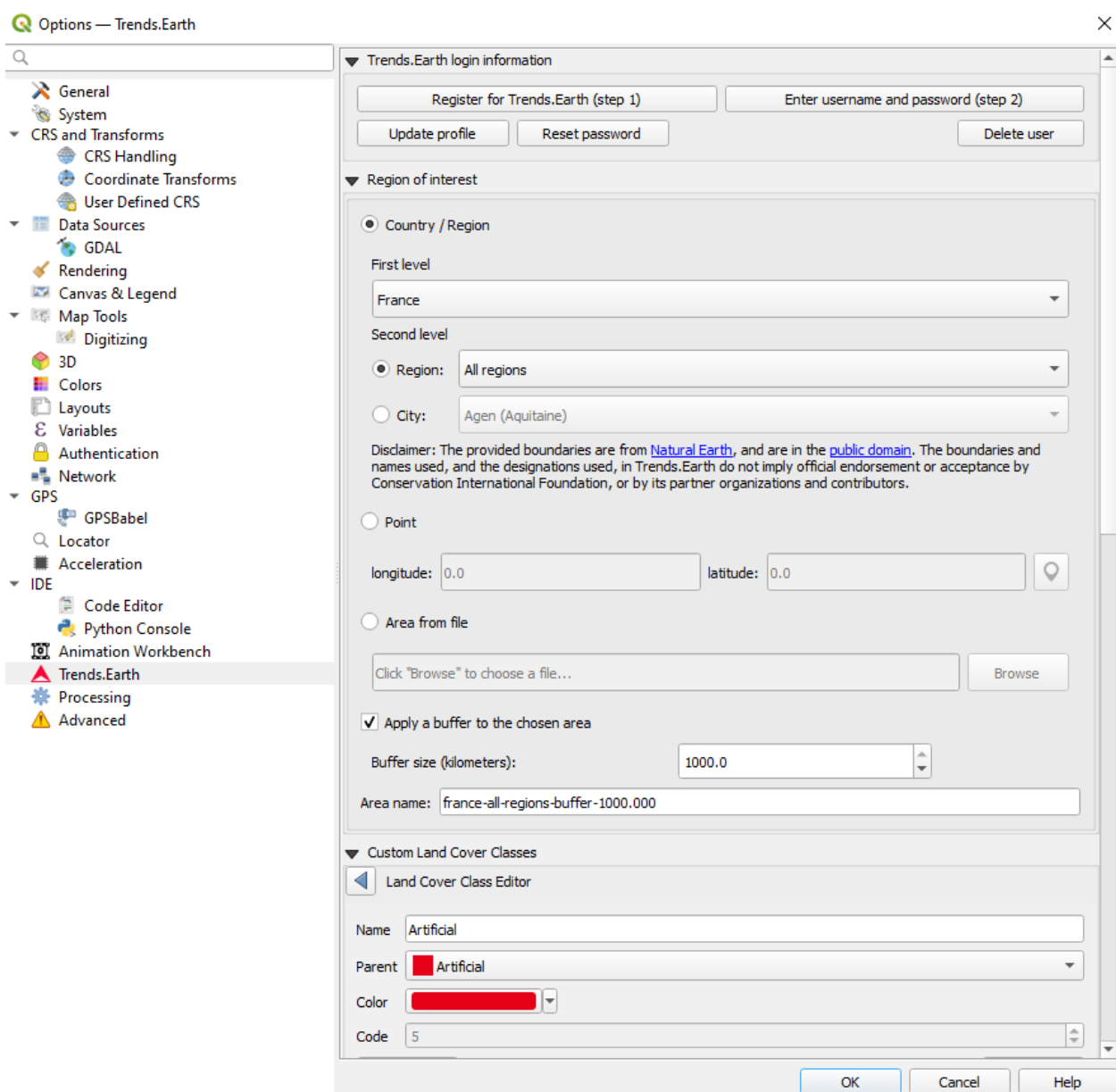
[CONTRIBUTING](#)
[INSTALLATION](#)
[USAGE](#)
[TROUBLESHOOTING](#)
[FAQ](#)
[README](#)
[TRENDS.EARTH](#)

1. **Тенденции изменения климата в Арктике.** В Арктике наблюдается значительное потепление, что приводит к таянию вечной мерзлоты, сокращению площади льдов и изменению экосистем. Это, в свою очередь, влияет на климат всей планеты.



3. ■■■■■■■■ ■■, ■ ■■ ■■■■■■■■ ■■■■■■■■■■ ■ ■■■, ■■■ ■■■ ■■■■■■■■■■■■■■
■■■■■■■■■■■■■■■■■■■.



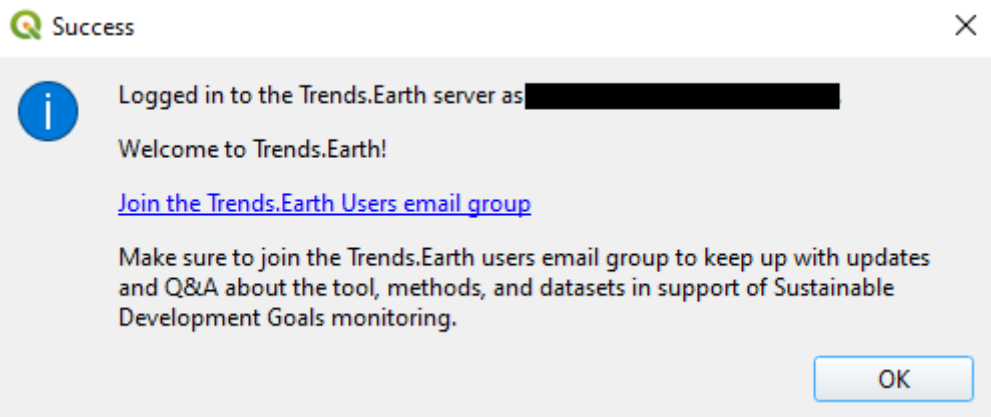
[illegible]

1. Click on Register for Trends.Earth to create an account. Provide the required information and click **OK**. You will receive an email.

[illegible]

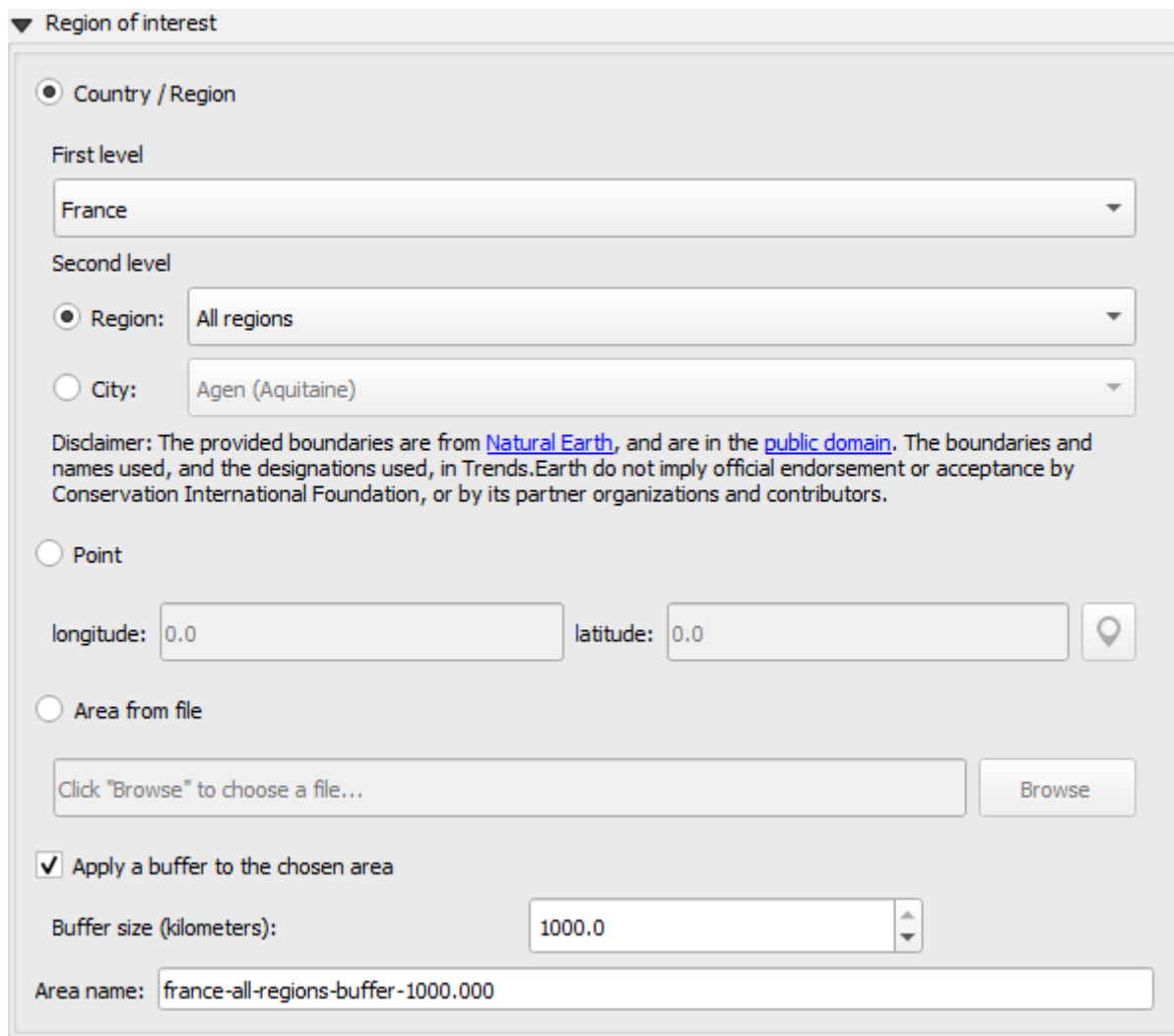
2. Once you have received confirmation that your account has been created, click on **Enter username and password**. Provide your credentials and click **OK**.

3. ■■■■ ■■■■■■■■■■ ■■■■■■ ■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■:



██████████████████ ■ ████████████████████ Trends.Earth ████████████████████ ████████████████████
██████████████████ ■ ████████████████████ ■ ████████ ■ ████████████████████ ■ ████████████ Trends.Earth.





[geoBoundaries](#), Trends.Earth.
 CC BY 4.0. Trends.Earth
 is a project of the Trends.Earth
 organization, which is a 501(c)(3) non-profit organization.
 The organization is committed to providing free and open access
 to the data and tools used in the project.
 For more information, please visit [www.trends.earth](#).

59

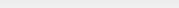
██████████ ██████████

▼ Custom Land Cover Classes

Land Cover Class Editor

Name: Artificial

Parent:  Artificial

Color: 

Code: 5

 Remove  Done

Page 10 of 10

_____ «_____».

▼ Reports

Template search path

Common Report Information

Organization logo 

Organization name

Footer text

Disclaimer text

☐ Log warnings in output directory

www.ck12.org

```
[base_data_directory]/reports/templates, [redacted] [redacted] [redacted] [redacted],
[redacted] [redacted] [redacted] [redacted]. [redacted] [redacted] [redacted] [redacted].
```

[illegible][illegible]

□ □ □ □ □ □ □ □ □ □ □ □ □ □

Note

[REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED]
[REDACTED] [REDACTED] [REDACTED]. [REDACTED] [REDACTED] [REDACTED]
[REDACTED] ([REDACTED])
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED].

a. Organization Logo — The organization logo is located in the top left corner of the report. It is a small, square image with a black background and white text. The text reads "TRENDS EARTH" in all caps.

b. Organization Name — [REDACTED], [REDACTED]
[REDACTED]. [REDACTED] [REDACTED] [REDACTED]. [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] QGIS [REDACTED]
te_report_organization_name.

[illegible]

d. Disclaimer Text — [REDACTED]-[REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED], [REDACTED] [REDACTED].

[illegible]

geoBoundaries (www.geoboundaries.org)
 CC BY 4.0. Trends.Earth
 ,
 ,
 ,
 .

te_report_disclaimer.

THE UNIVERSITY OF CHICAGO

html-**1** **2** **3** **4** **5** **6** **7** **8** **9** **10** **11** **12** **13** **14** **15** **16** **17** **18** **19** **20** **21** **22** **23** **24** **25** **26** **27** **28** **29** **30** **31** **32** **33** **34** **35** **36** **37** **38** **39** **40** **41** **42** **43** **44** **45** **46** **47** **48** **49** **50** **51** **52** **53** **54** **55** **56** **57** **58** **59** **60** **61** **62** **63** **64** **65** **66** **67** **68** **69** **70** **71** **72** **73** **74** **75** **76** **77** **78** **79** **80** **81** **82** **83** **84** **85** **86** **87** **88** **89** **90** **91** **92** **93** **94** **95** **96** **97** **98** **99** **100** **101** **102** **103** **104** **105** **106** **107** **108** **109** **110** **111** **112** **113** **114** **115** **116** **117** **118** **119** **120** **121** **122** **123** **124** **125** **126** **127** **128** **129** **130** **131** **132** **133** **134** **135** **136** **137** **138** **139** **140** **141** **142** **143** **144** **145** **146** **147** **148** **149** **150** **151** **152** **153** **154** **155** **156** **157** **158** **159** **160** **161** **162** **163** **164** **165** **166** **167** **168** **169** **170** **171** **172** **173** **174** **175** **176** **177** **178** **179** **180** **181** **182** **183** **184** **185** **186** **187** **188** **189** **190** **191** **192** **193** **194** **195** **196** **197** **198** **199** **200** **201** **202** **203** **204** **205** **206** **207** **208** **209** **210** **211** **212** **213** **214** **215** **216** **217** **218** **219** **220** **221** **222** **223** **224** **225** **226** **227** **228** **229** **230** **231** **232** **233** **234** **235** **236** **237** **238** **239** **240** **241** **242** **243** **244** **245** **246** **247** **248** **249** **250** **251** **252** **253** **254** **255** **256** **257** **258** **259** **260** **261** **262** **263** **264** **265** **266** **267** **268** **269** **270** **271** **272** **273** **274** **275** **276** **277** **278** **279** **280** **281** **282** **283** **284** **285** **286** **287** **288** **289** **290** **291** **292** **293** **294** **295** **296** **297** **298** **299** **300** **301** **302** **303** **304** **305** **306** **307** **308** **309** **310** **311** **312** **313** **314** **315** **316** **317** **318** **319** **320** **321** **322** **323** **324** **325** **326** **327** **328** **329** **330** **331** **332** **333** **334** **335** **336** **337** **338** **339** **340** **341** **342** **343** **344** **345** **346** **347** **348** **349** **350** **351** **352** **353** **354** **355** **356** **357** **358** **359** **360** **361** **362** **363** **364** **365** **366** **367** **368** **369** **370** **371** **372** **373** **374** **375** **376** **377** **378** **379** **380** **381** **382** **383** **384** **385** **386** **387** **388** **389** **390** **391** **392** **393** **394** **395** **396** **397** **398** **399** **400** **401** **402** **403** **404** **405** **406** **407** **408** **409** **410** **411** **412** **413** **414** **415** **416** **417** **418** **419** **420** **421** **422** **423** **424** **425** **426** **427** **428** **429** **430** **431** **432** **433** **434** **435** **436** **437** **438** **439** **440** **441** **442** **443** **444** **445** **446** **447** **448** **449** **450** **451** **452** **453** **454** **455** **456** **457** **458** **459** **460** **461** **462** **463** **464** **465** **466** **467**

11 12 13 14 15 16 17 18 19 20 21

 Trends Earth.

□ □ □ □ □ □ □ □ □ □ □ □ □ □

▼ Advanced

Base data directory

☒ Filter remote jobs according to local base data directory

☐ Enable debug mode (saves detailed logging information)

☒ Download remotely-generated datasets automatically

☒ Poll remote processing server periodically

Polling frequency (seconds)

☐ Use binaries for faster processing

Binaries **are not** loaded.

[www.pearsoned.com/uk](#)
[www.pearsoned.com/au](#)
[www.pearsoned.com/za](#)

[illegible]

**XXXXXXXXXXXXXXXXXXXX XXXXX XXXX XXXXXXXXXXXX, XXXX XXXXXX XXXXXXXXXXX XXXXX
XXXXXXXXXXXXXXXXXXXX XXXX XXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX.**

██████████ ██████████, ████████:

1. **_____**
2. _____ — _____
3. _____
 - _____.
4. _____
 - _____.
 - _____.
5. _____:

■■■■■■■■■■ ■ ■■■■■ ■ LandPKS

- **□ □ □ □ □ □ □ □ □ □ □ □**



- 

-

- 64

[illegible]

3. ■■■■■■ SDG15.3.1 ■■■■■■ (■■■■■■) | ■■■■■■
■■■■■ ■■■■■■ ■■■■■■ ■■■■■■ ■■■■■■ Trends.Earth.
■■■■■ ■■■■■■ ■■■■■■ ■■■■■■ ■■■■■■ (■■■ ■■■■■■
■ ■■■■■■), ■■■■■■ ■■■■■■ ■■■■■■ ■■■■■■ ■■■■■■
■■■■■■. ■■■■ ■■ ■■■■■■ ■■■■■■ ■■■■ ■■■■■■ ■■■■■■,
■■■■■■ ■■■■■■ ■■■■■■.

Presets

Select preset: UNCCD Reporting (2026 reporting cycle - Default Data, Trends.Earth) (Built-in)

Apply Preset
Save Current as Preset
Delete Preset
Export...
Import...

Land productivity data

☒ Trends.Earth land productivity dynamics
☐ FAO-WOCAT
☐ Pre-calculated land productivity dynamics (from JRC)

Baseline period

☒ Use the same time period across all indicators:

Initial year

Final year

2001

2015

☐ Allow time period to vary by indicator:

Initial year

Final year

Productivity

2003

2015

Land cover

2001

2015

Soil organic carbon

2001

2015

Show Timeline

☒ Include reporting period (for comparison to baseline)

Reporting period #1

☒ Use the same time period across all indicators:

Initial year

Final year

2015

2019

☐ Allow time period to vary by indicator:

Initial year

Final year

Productivity

2007

2019

Land cover

2015

2019

Soil organic carbon

2015

2019

Add reporting period

Calculate all SDG 15.3.1 sub-indicators in a single step

This algorithm enables the simultaneous calculation of the three SDG 15.3.1 sub-indicators (Productivity, Land Cover and Soil Organic Carbon) in a single step. This is done using the remote Trends.Earth datasets described in each of the individual sub-indicator's sections.

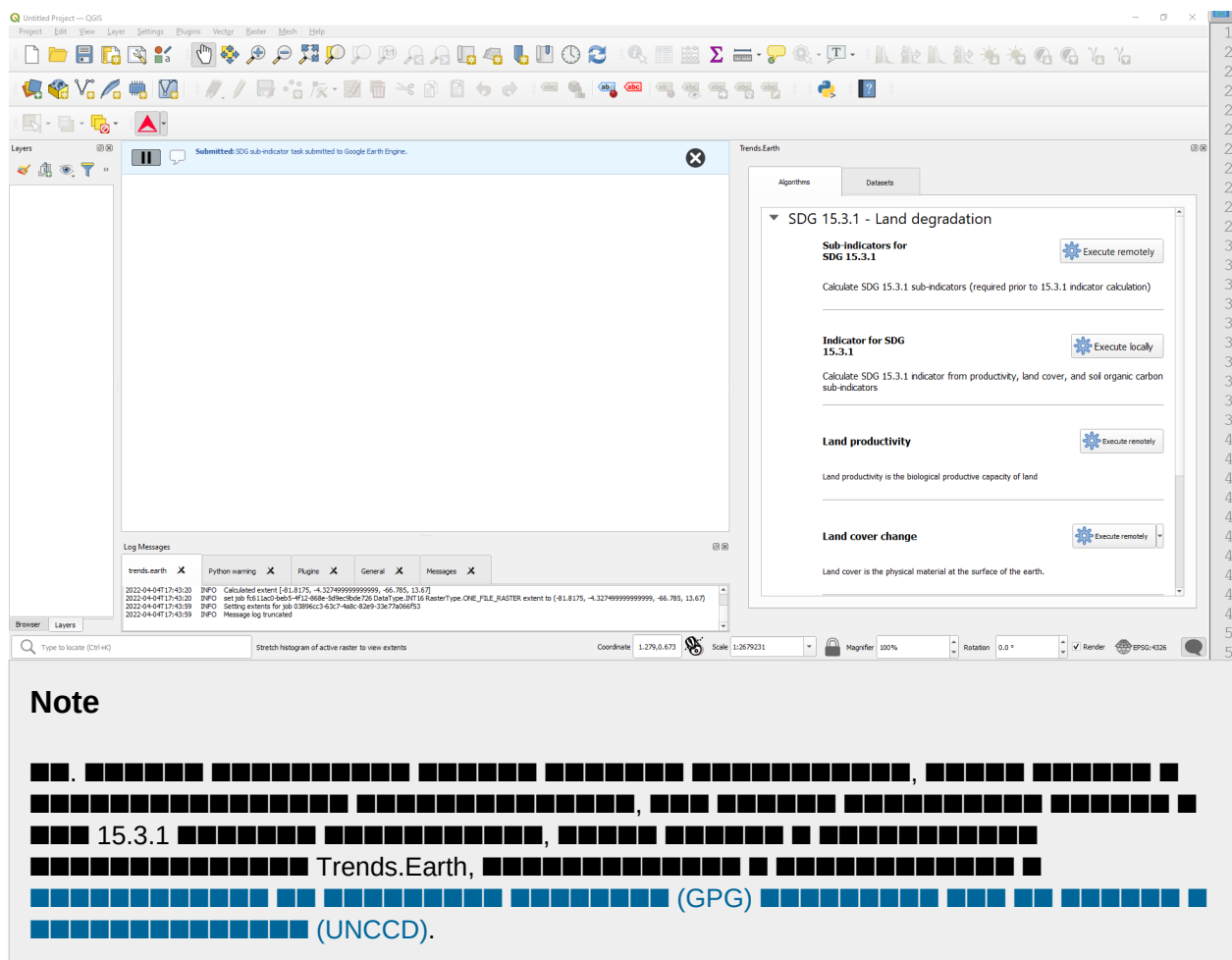
[More information](#)

Schedule remote execution

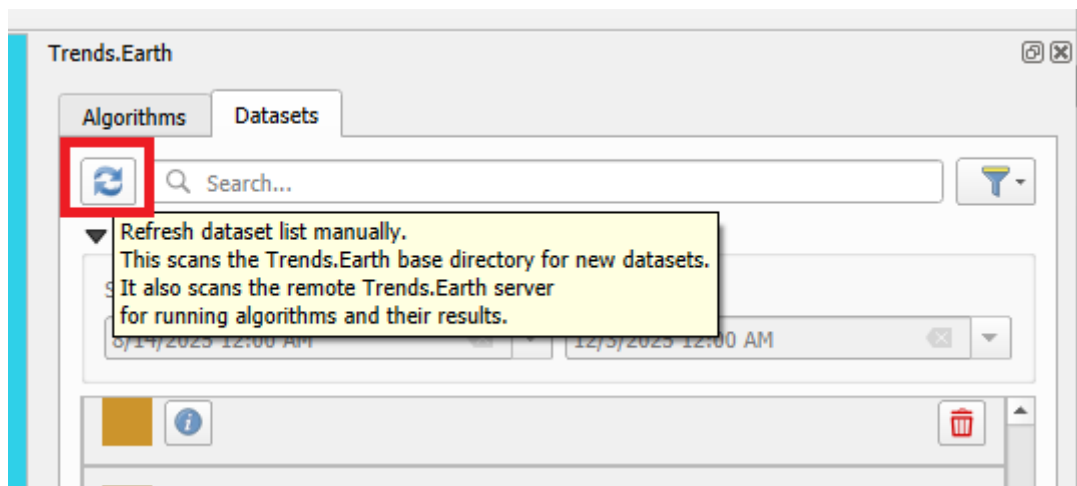
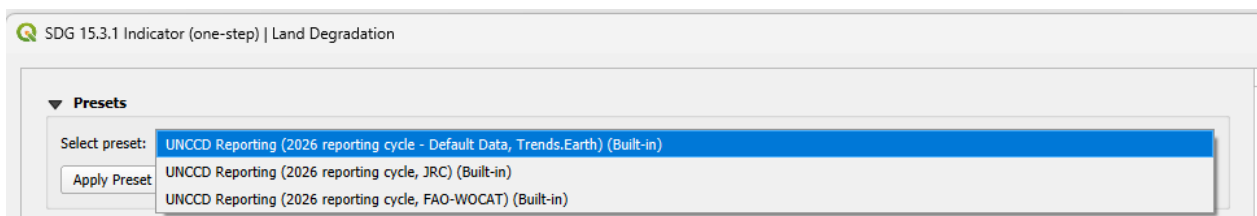
Cancel

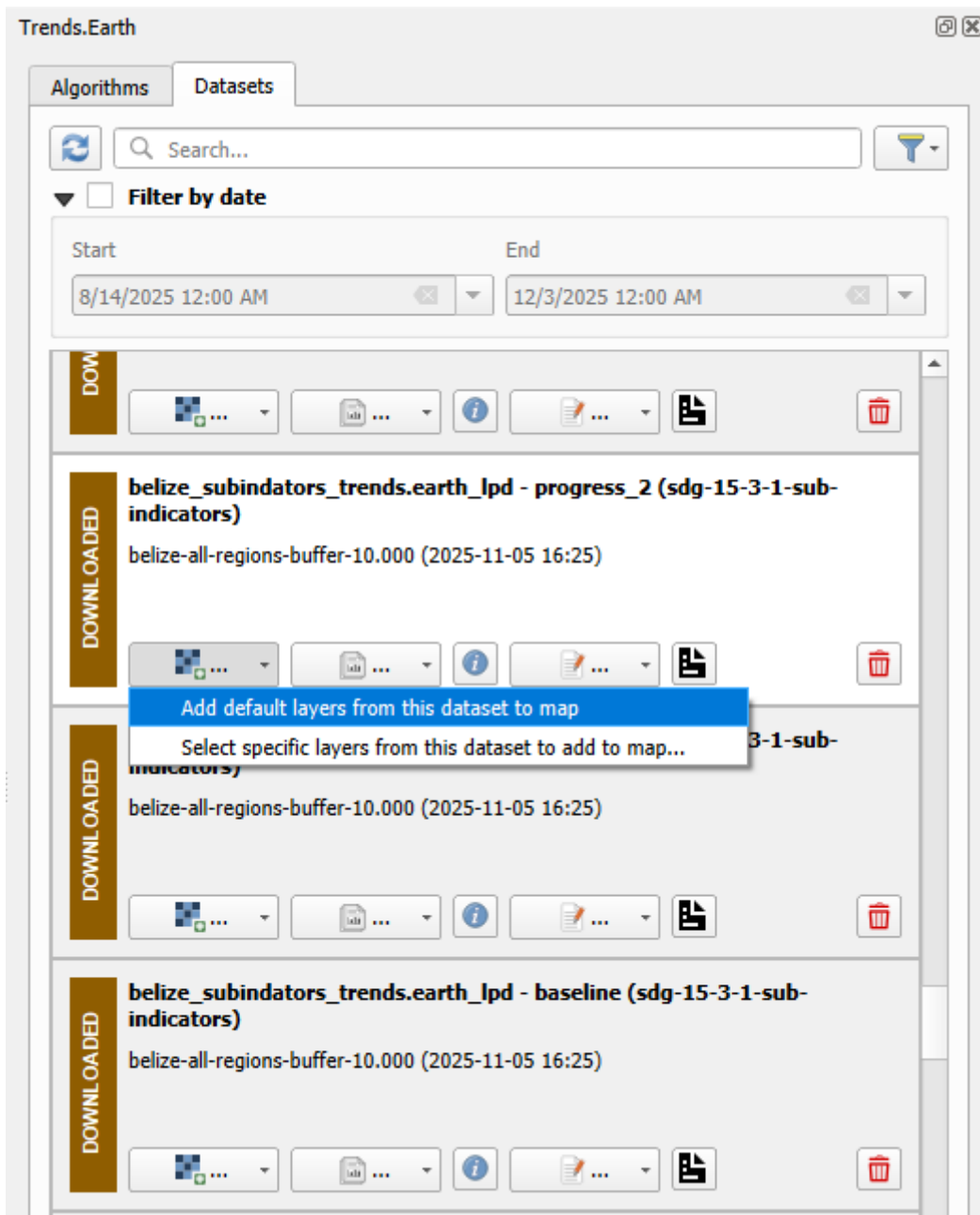
Help

- [illegible]

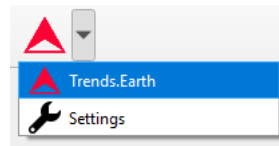
[illegible][illegible]

- [illegible]

[illegible]



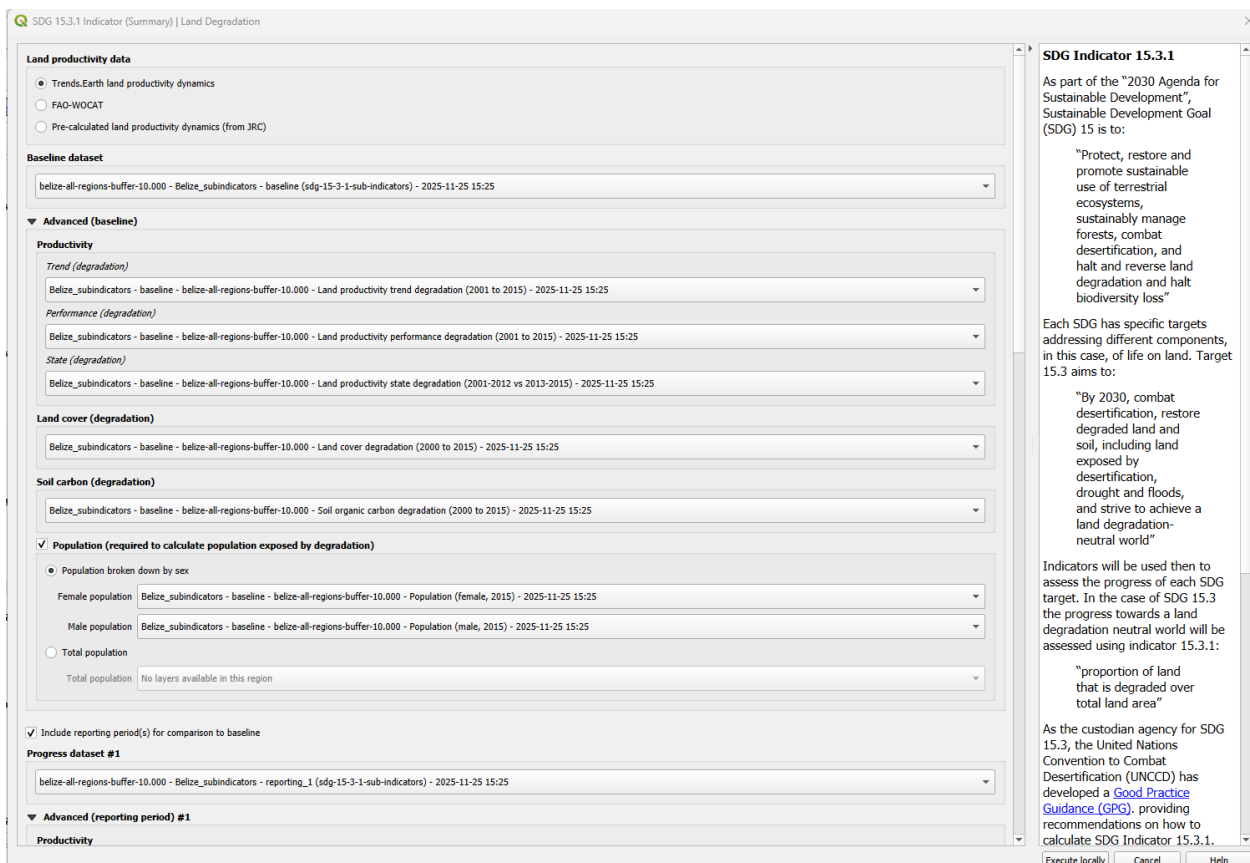
- 68



The screenshot shows the QGIS desktop environment. The main map area displays a satellite-derived map of land productivity and degradation, with a color-coded legend on the left. The legend includes layers for 'Land productivity (Trends.Earth, 2008-2022)', 'Soil organic carbon degradation (2015 to 2022)', 'Land cover degradation (2015 to 2022)', 'Population (female, 2020)', 'Population (male, 2020)', and 'Land productivity (Trends.Earth, 2004-2019)'. The right panel shows the 'Trends.Earth' data source, with a sub-indicator for 'SDG 15.3.1' highlighted. The sub-indicator is described as 'Calculate SDG 15.3.1 indicator from productivity, land cover, and soil organic carbon sub-indicators'. The map area shows a coastal region with a mix of green, yellow, and brown colors, indicating different land states.

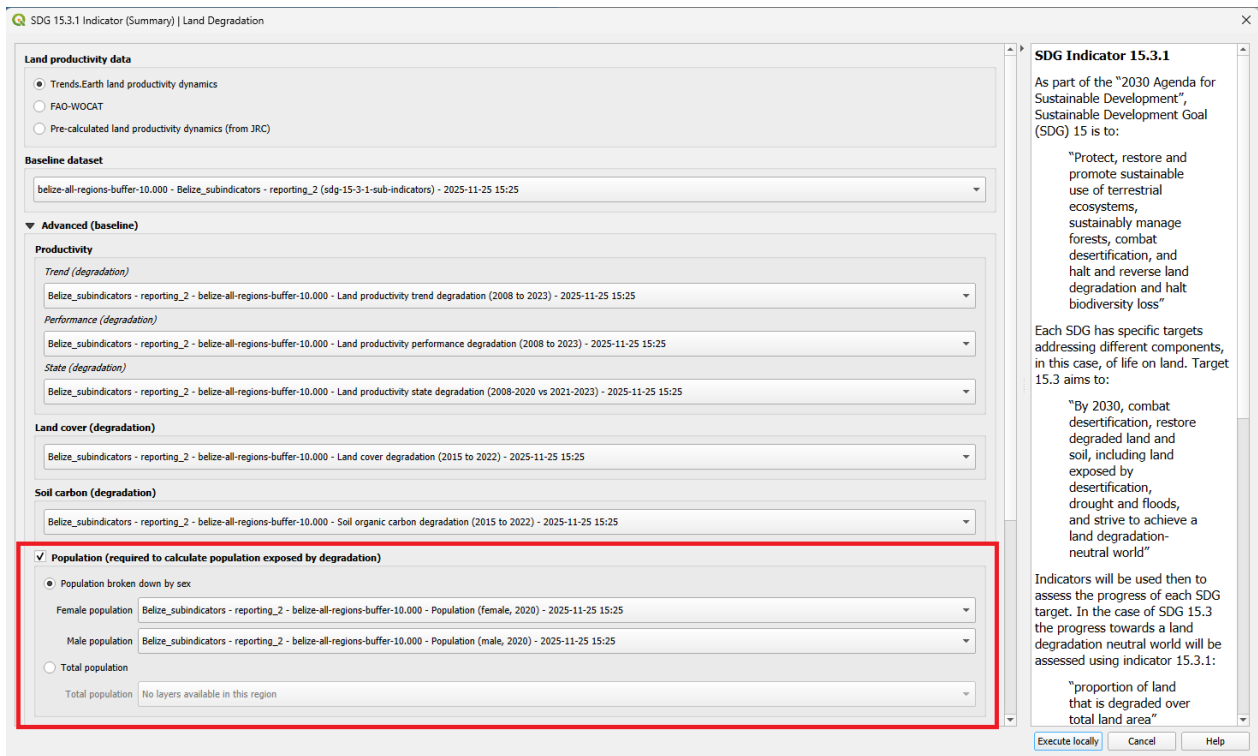
Note

70

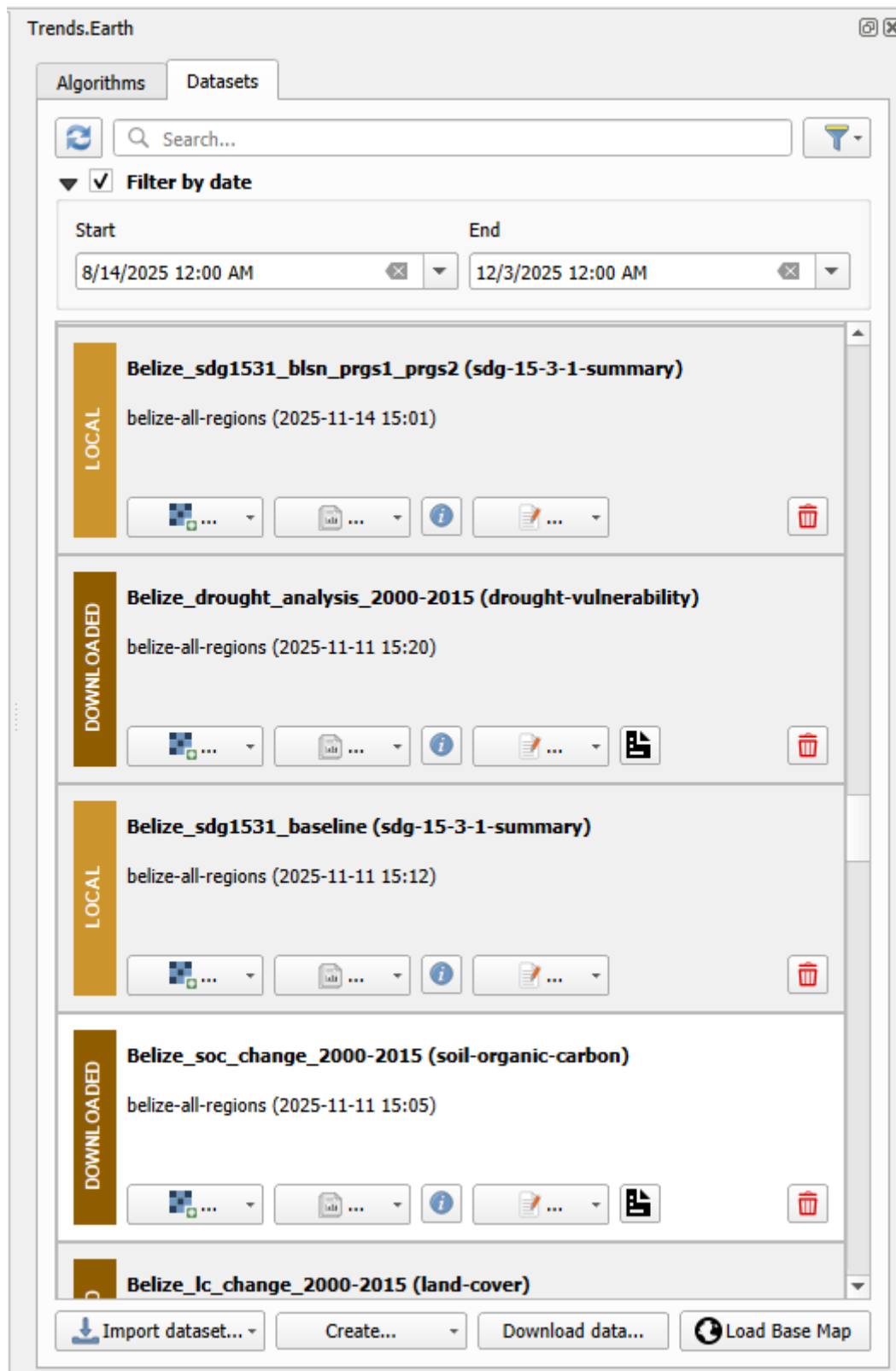


[illegible][illegible]

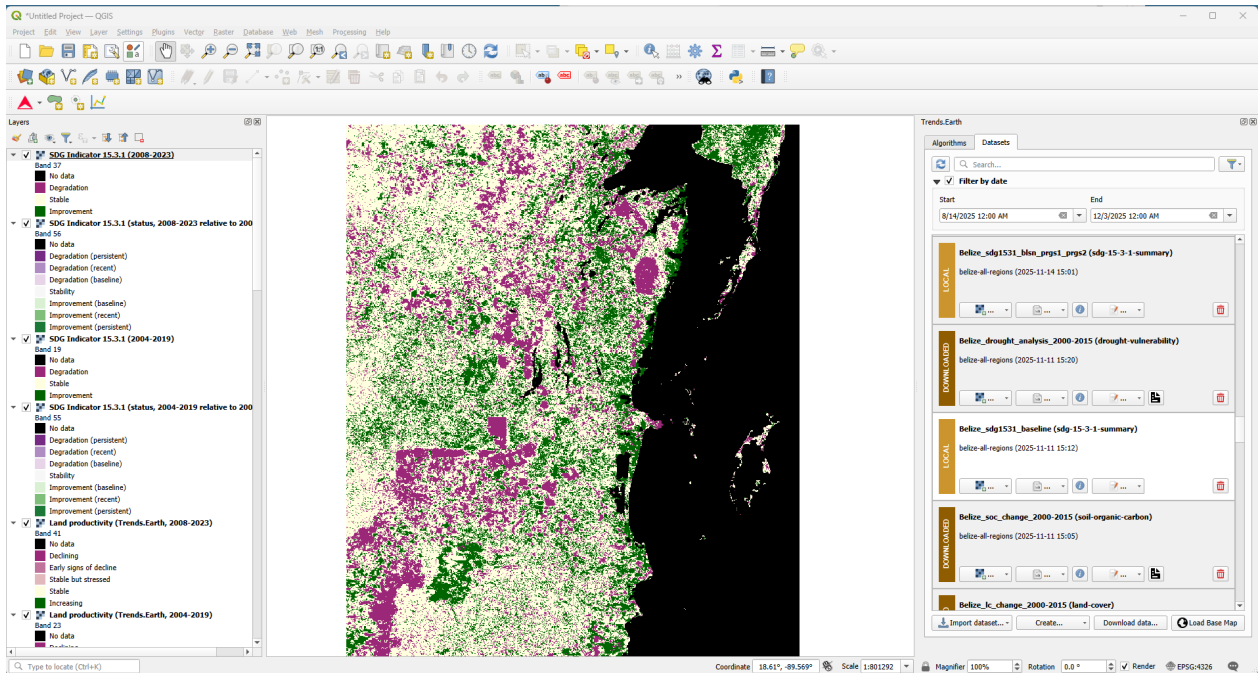
72



- 73



74

[illegible][illegible]

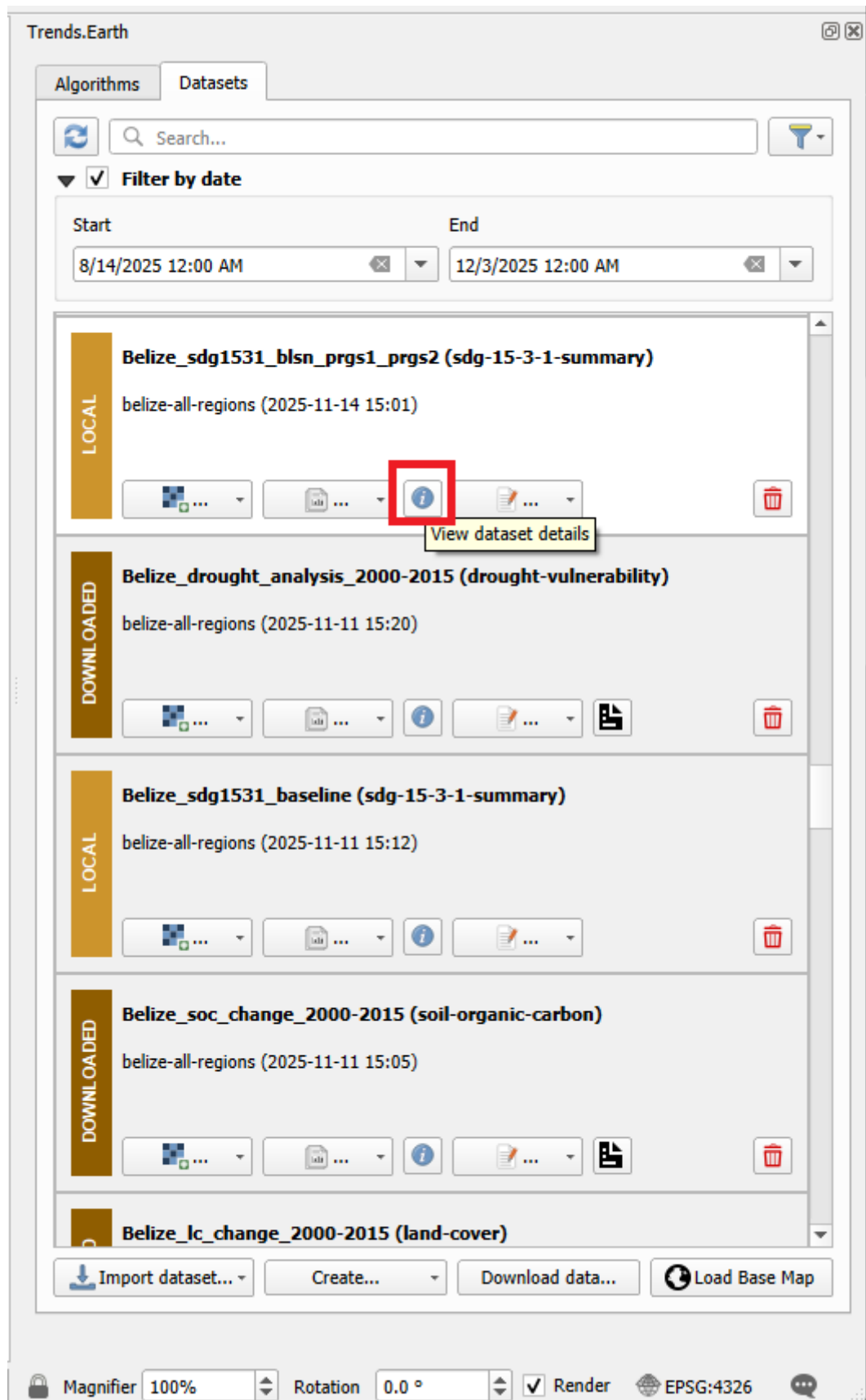
PDF

<../pdfs/Trends.Earth_Tutorial08_The_Summary_Table.pdf>

«**15.3.1**».

■■■■■■■■ ■■■■■■■■

1. ■■■■■■ ■■■■■■■■ ■■■■■■■■■■■■ ■■■■ ■■■■ 15.3.1 ■■■■■■■■■■■■ ■■■■■ Excel ■■■
■■■■■■■■ ■■■■■■■■■■. ■ ■■■■■ «■■■■■■■■ ■■■■■■■■» ■■■■■■■■■ «■■■■■■■■ ■■■■■■■■■
■■■■■■■■ ■■■■■■■■».



 Dataset Details

Name

Belize_sdg1531_blsn_prgs1_prgs2

ID

2233f691-45e7-4958-ad7e-1fb2c84e3425

State

GENERATED_LOCALLY

Created at

2025-11-14 15:01

Available paths

prgs1_prgs2_sdg-15-3-1-summary_belize-all-regions.vrt

Generated by algorithm

sdg-15-3-1-summary

Algorithm Details

Comments:

Baseline 2001_2015
1 prgs 2015-2019
2 prgs 2015-2023

Input:

periods: (3 items)

[0]: (2 keys)

[1]: (2 keys)

[2]: (2 keys)

Output:

name: "land_condition_summary"

rasters: (1 keys)

Int16: (6 keys)

uri: (2 keys)

uri: "C:\Users\gdaldegan\trends_earth_dat..."

etag: null

data: (1 keys)

report: (3 keys)

type: "RasterResults"

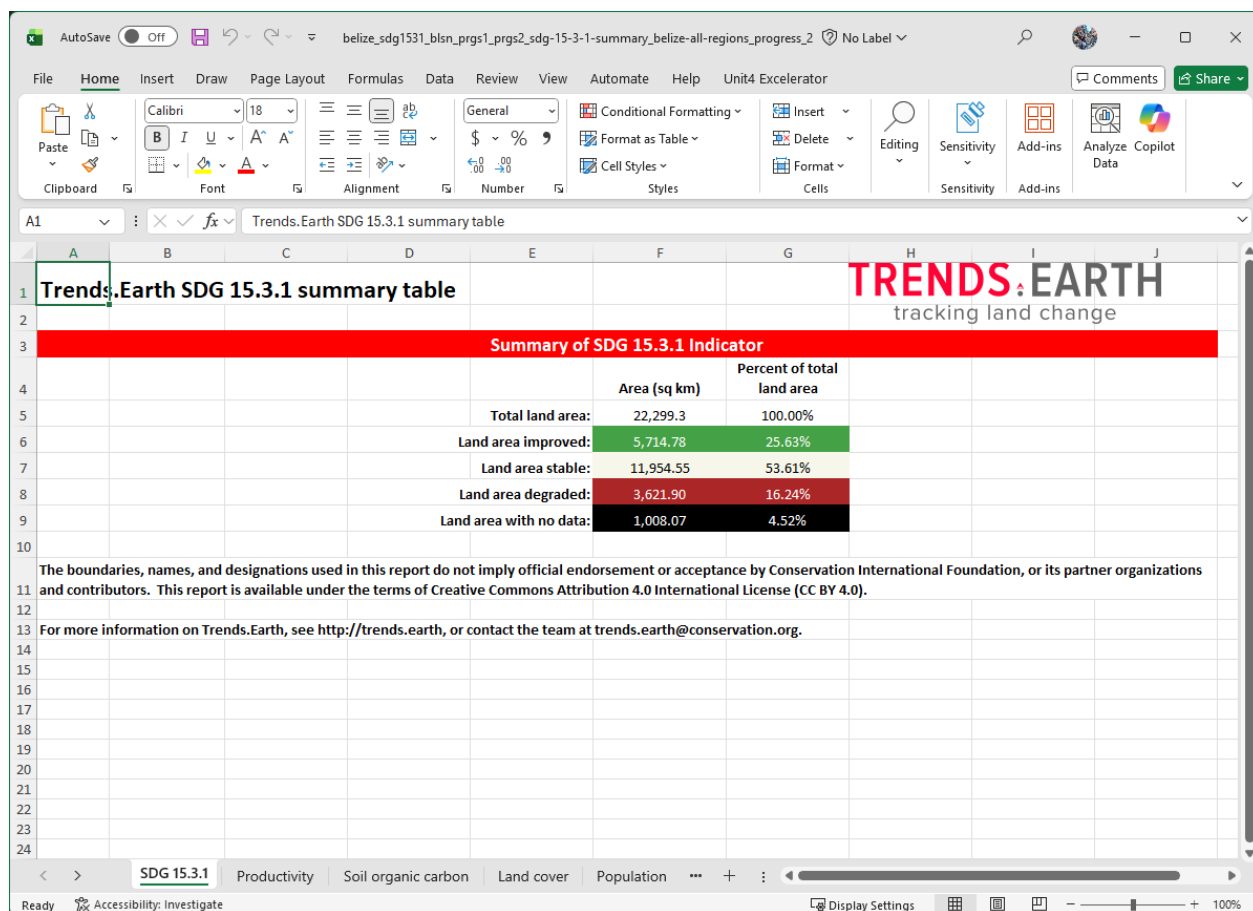
Delete dataset

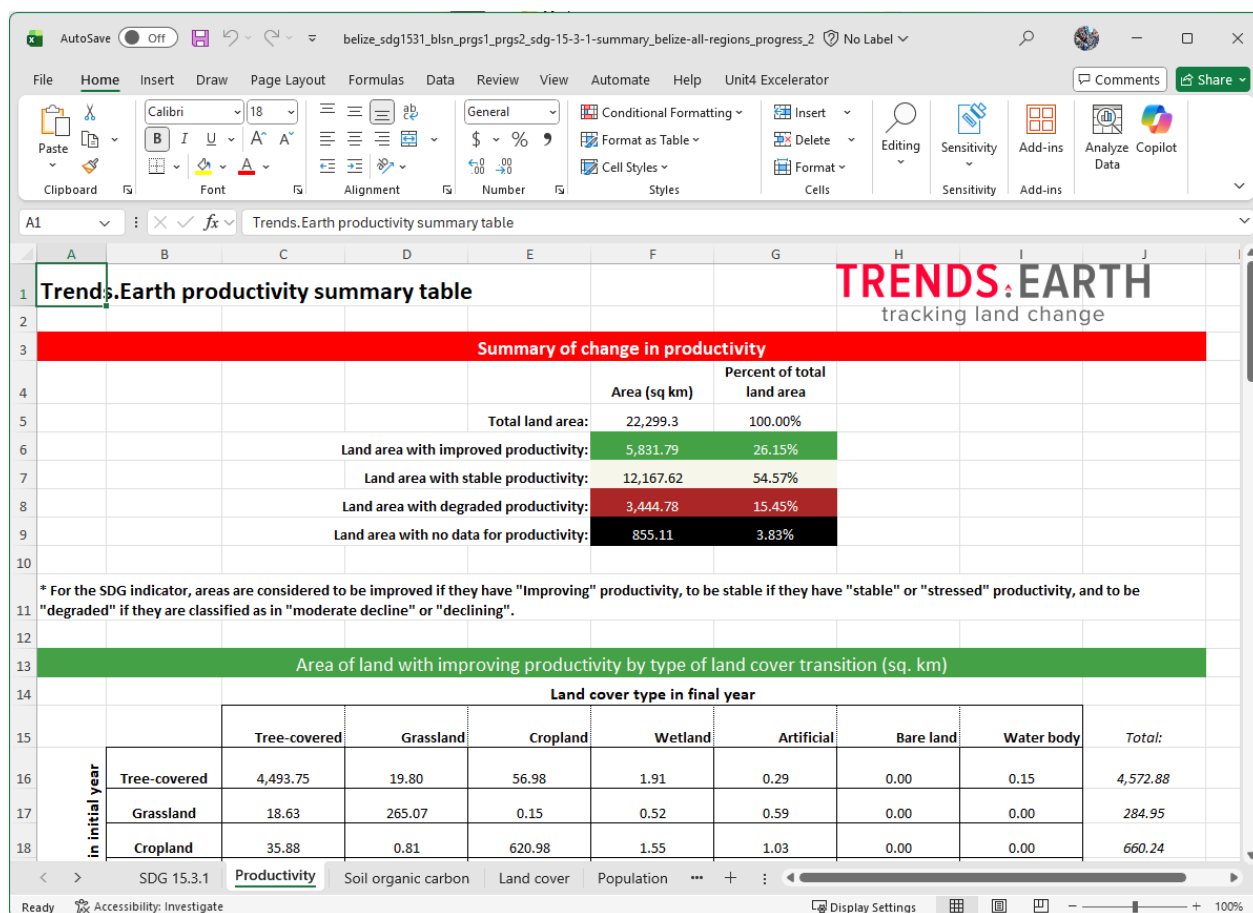
Export as a ZIP

[illegible]

2. [REDACTED] [REDACTED] [REDACTED] 6 [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]: [REDACTED] 15.3.1, [REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED]. [REDACTED] [REDACTED] [REDACTED] 1-1 [REDACTED].

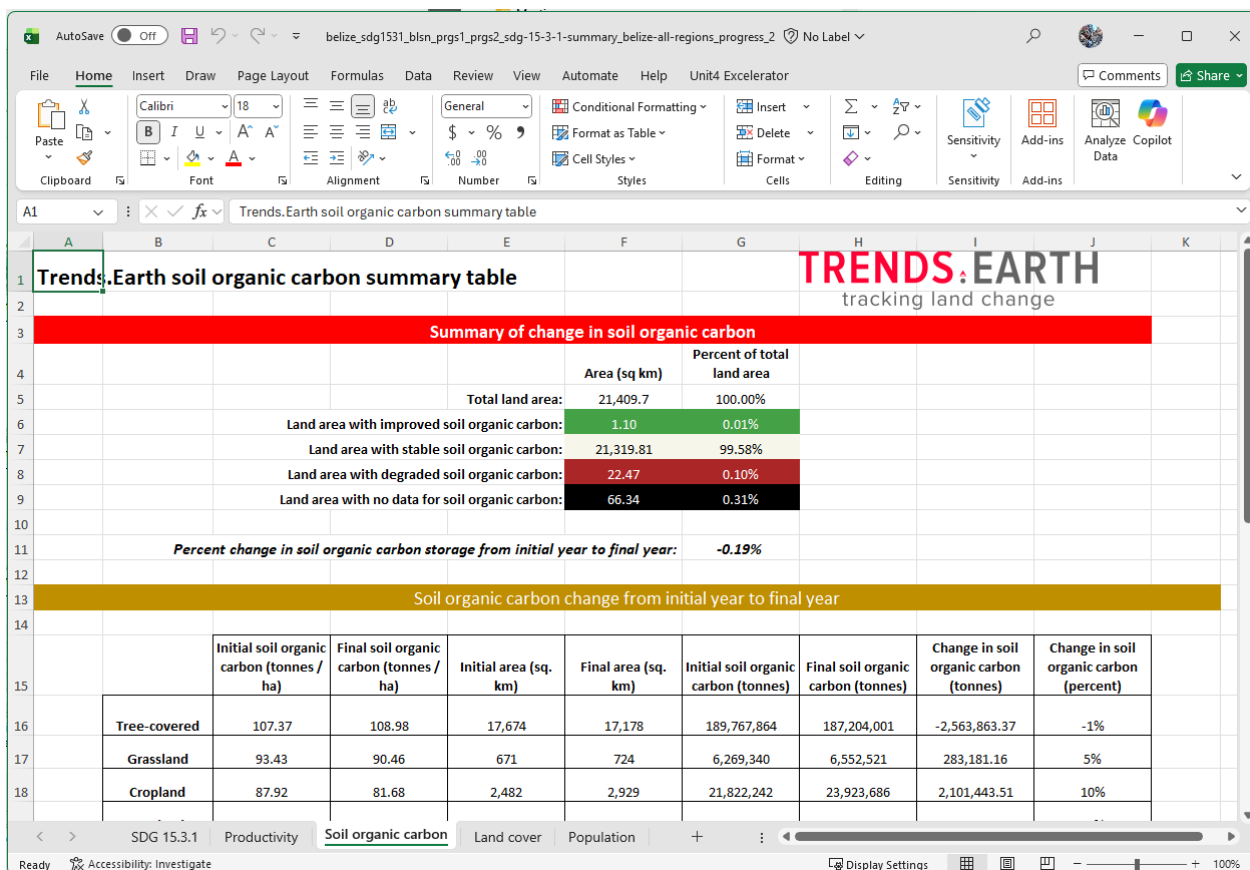
1. 本文件为《信息安全技术 网络安全等级保护基本要求》（GB/T 22239-2019）（以下简称“基本要求”）的扩展要求，是对基本要求中“安全通用要求”的进一步细化和补充，适用于符合基本要求中“安全通用要求”的网络安全等级保护对象。

[illegible]



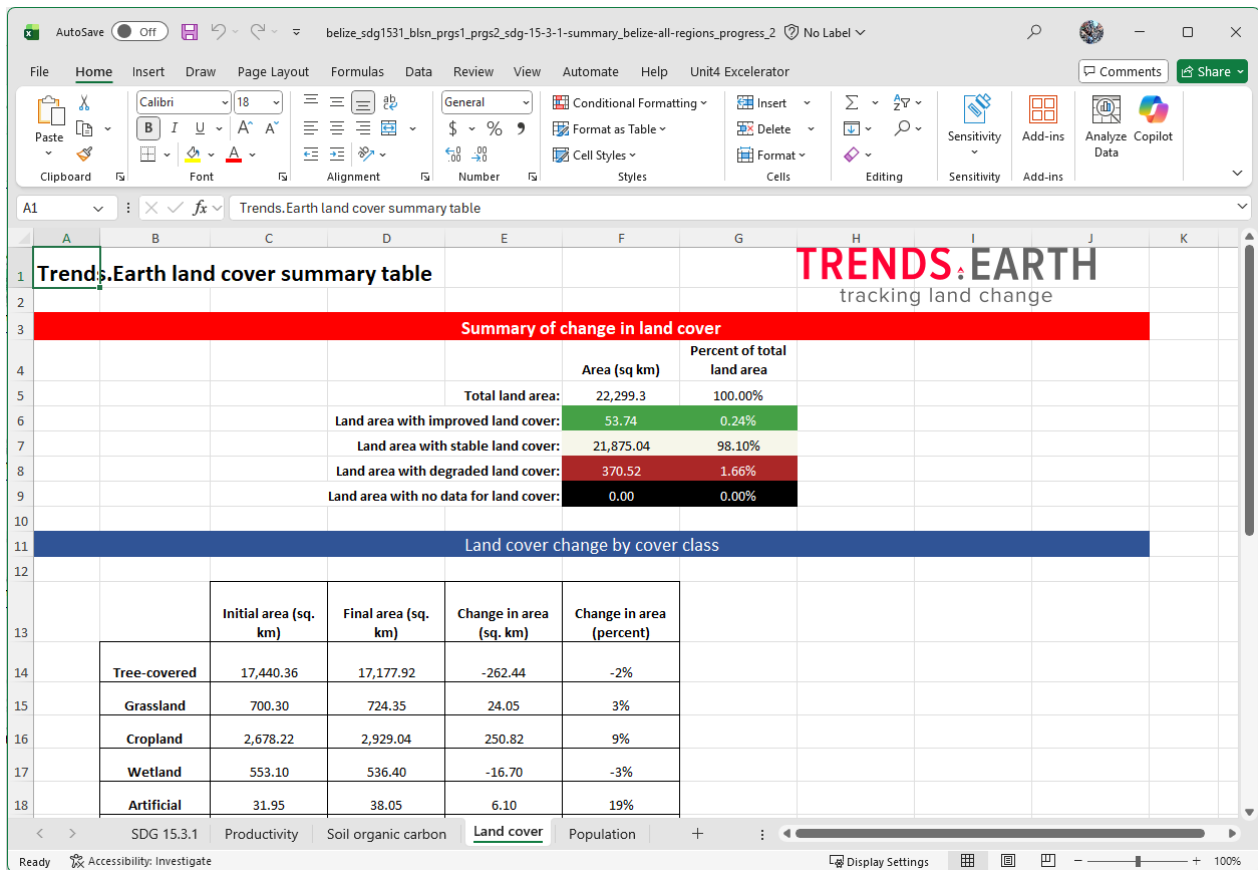
DATE OF BIRTH:

- 81

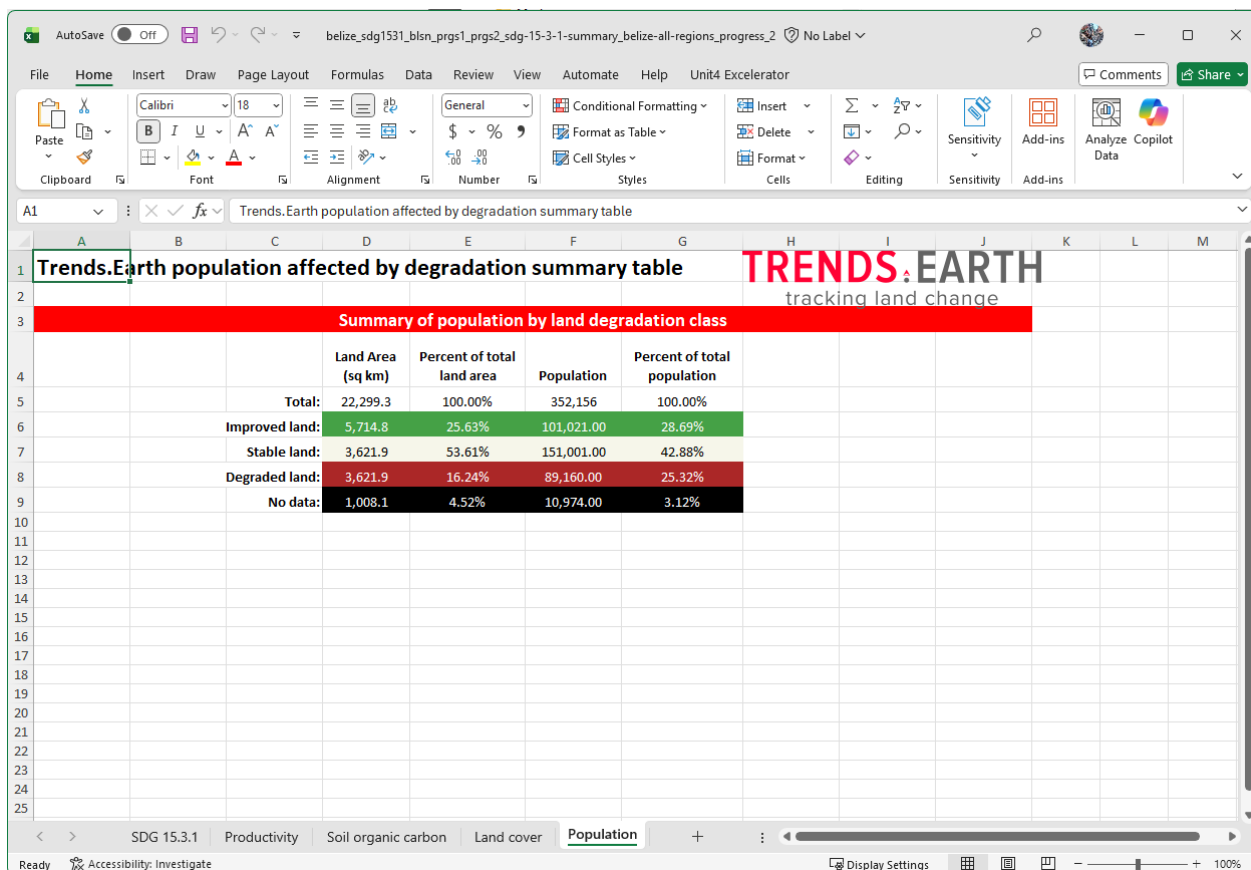


[REDACTED] [REDACTED] [REDACTED] [REDACTED]:

- [illegible]



83



AutoSave (On) | Undo | Redo | Mariano Gonzalez-Roglich | Uganda_sdg_indicator_table.xlsx - Excel

File Home Insert Page Layout Formulas Data Review View Help Unit4 Excelator Tell me what you want to do

Clipboard | Font | Alignment | Number | Styles | Cells | Editing

Calibri 18 A A | Wrap Text | General | Normal | Bad | Good | Neutral | Insert | Delete | Format | AutoSum | Fill | Sort & Find & Filter | Select

A1 | trends.earth output summarized in UNCCD reporting format

Page 3 of 34 - Country Profile

Year	Total land sq. km	Water bodies sq. km	Total country area sq. km
2000	204,519.14	37,298.82	241,817.97
2001	204,493.39	37,324.58	241,817.97
2002	204,489.30	37,328.67	241,817.97
2003	204,483.65	37,334.31	241,817.97
2004	204,484.89	37,333.08	241,817.97
2005	204,480.54	37,337.42	241,817.97
2006	204,482.53	37,335.44	241,817.97
2007	204,482.90	37,335.07	241,817.97
2008	204,483.70	37,334.26	241,817.97
2009	204,484.07	37,333.89	241,817.97
2010	204,483.70	37,334.26	241,817.97
2011	204,483.33	37,334.64	241,817.97
2012	204,483.21	37,334.76	241,817.97
2013	204,483.27	37,334.70	241,817.97
2014	204,483.46	37,334.51	241,817.97
2015	204,483.46	37,334.51	241,817.97

Page 4 of 34 - SO1-1 Trends in land cover

Year	Tree-covered areas	Grassland	Cropland	Wetland	Artificial surfaces	Other land
2000	48,910.64	40,295.28	111,220.54	3,859.05	232.34	1.30
2001	49,153.35	39,670.95	111,521.34	3,856.37	290.07	1.30

SDG 15.3.1 | Productivity | Soil organic carbon | Land cover | UNCCD Reporting

Note

**[REDACTED] b [REDACTED], [REDACTED] [REDACTED] [REDACTED]
[REDACTED].**

[illegible]

- ****: ***** ***** ***** Trends.Earth.
- ** ***** ***: 20 *****
- ** ***** ***. *****

Note

1. 本報告係根據本公司及子公司之會計帳簿及相關資料，並參考獨立會計師事務所之審計報告而編製。

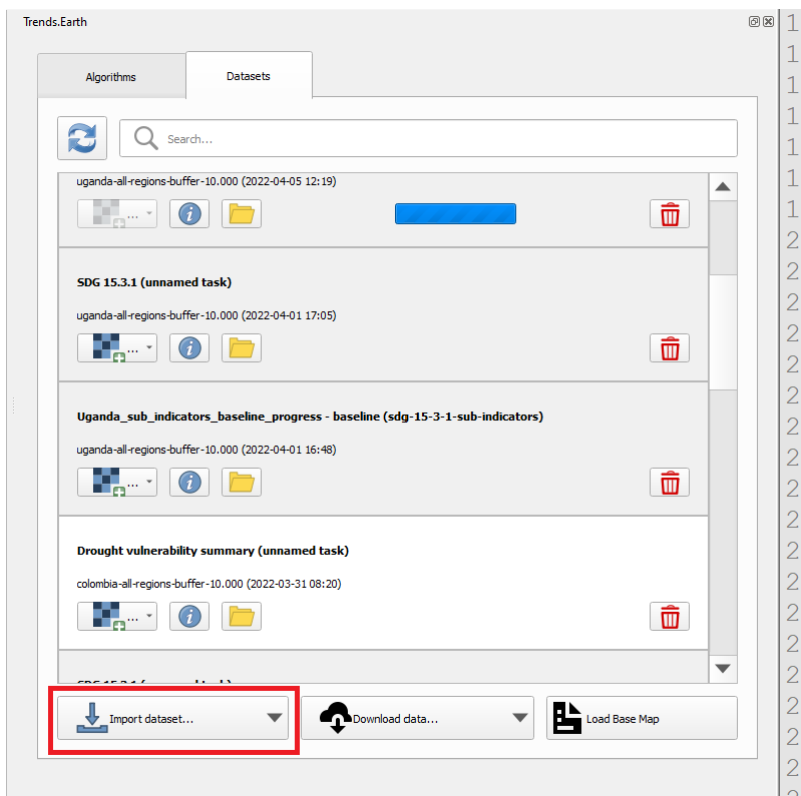
Trends.Earth,
:

-    = 1
-    = 2
-      = 3
-   = 4
-    = 5
-   = 0  -32768

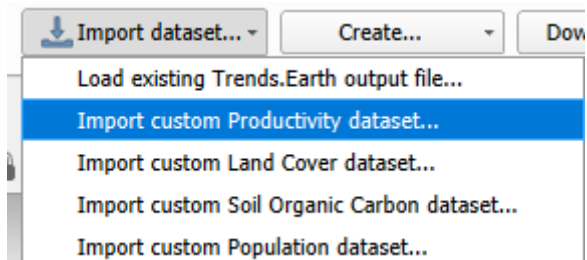
[illegible]

- [illegible]

██████████ ██████████



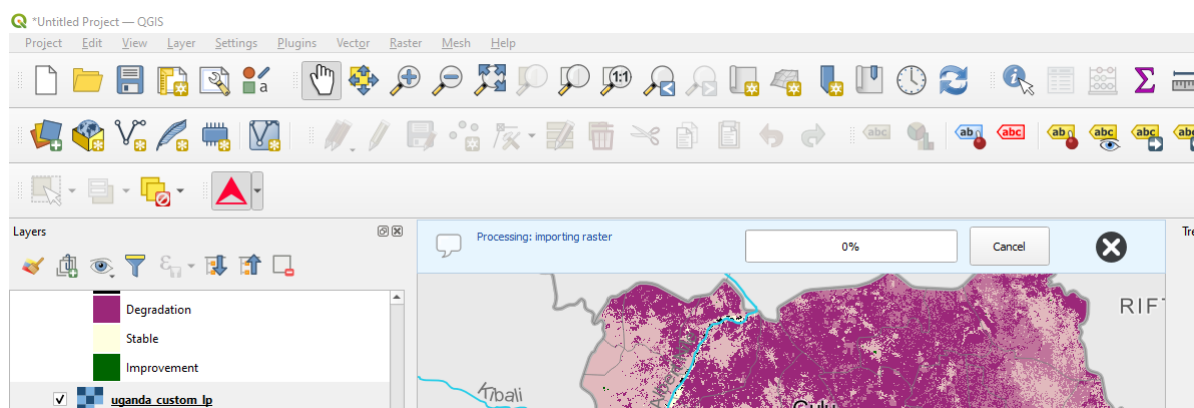
- [illegible]



- [illegible]

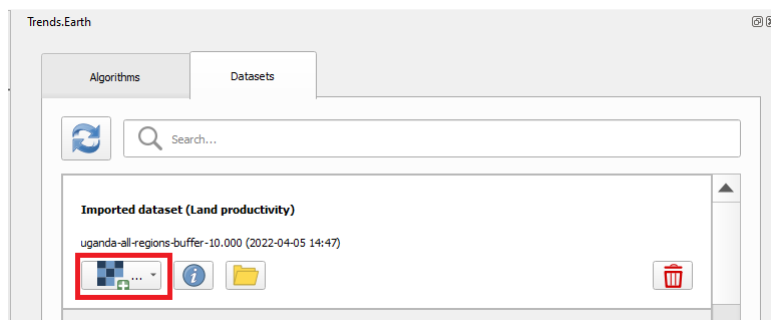
[illegible]

- [illegible]



- [illegible]

██████████ ██████████



Note

[illegible][illegible]

000000: 00000000 00000000 0000000000000000 000000 0
 0000000000000000 0 00000000 000000000000000000
 0000000000000000 0 00000000 Trends.Earth.

- ** ██████████ ██████████ ██████████ ** : 40 ██████████
- ** ██████████ ██████████ ** ██████████

Note

RESEARCH DATA

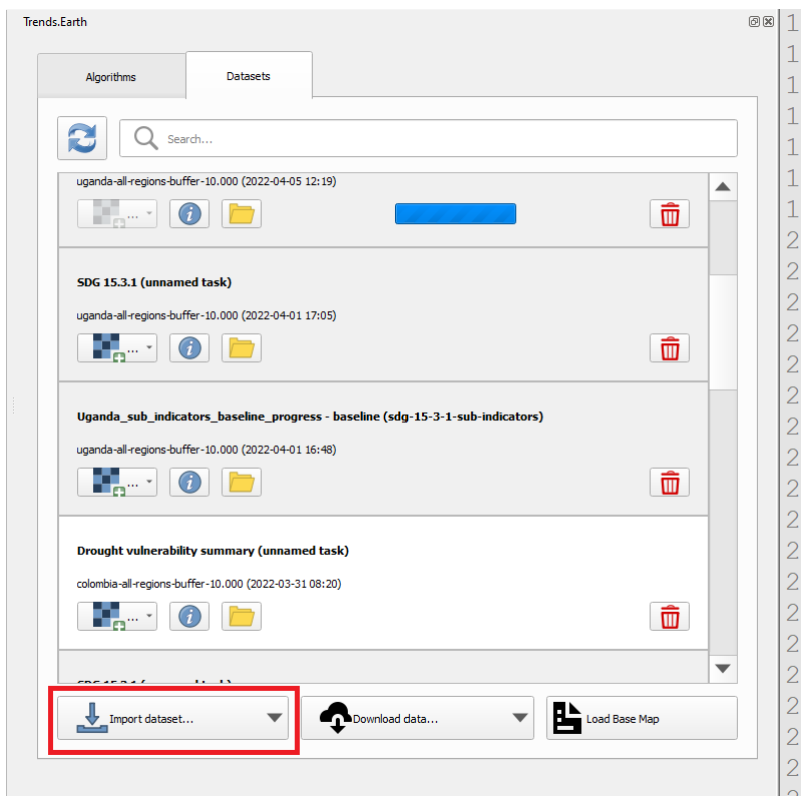
«**RESEARCH DATA**»

<http://geoportal.rcmr.org/layers/servir%3Auganda_landcover_2014_scheme_i>` ■■■■■■ ■■■■
■■■■■■■ ■■■■ ■■■■

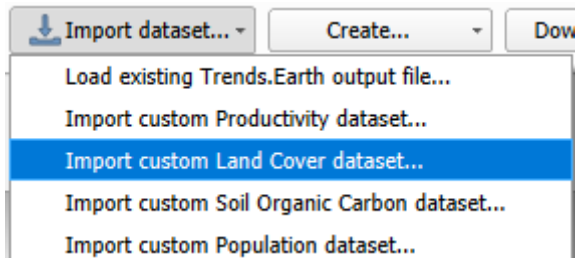
<https://s3.amazonaws.com/trends.earth/sharing/RCMRD_Uganda_Land_Cover.zip>.

- [illegible]

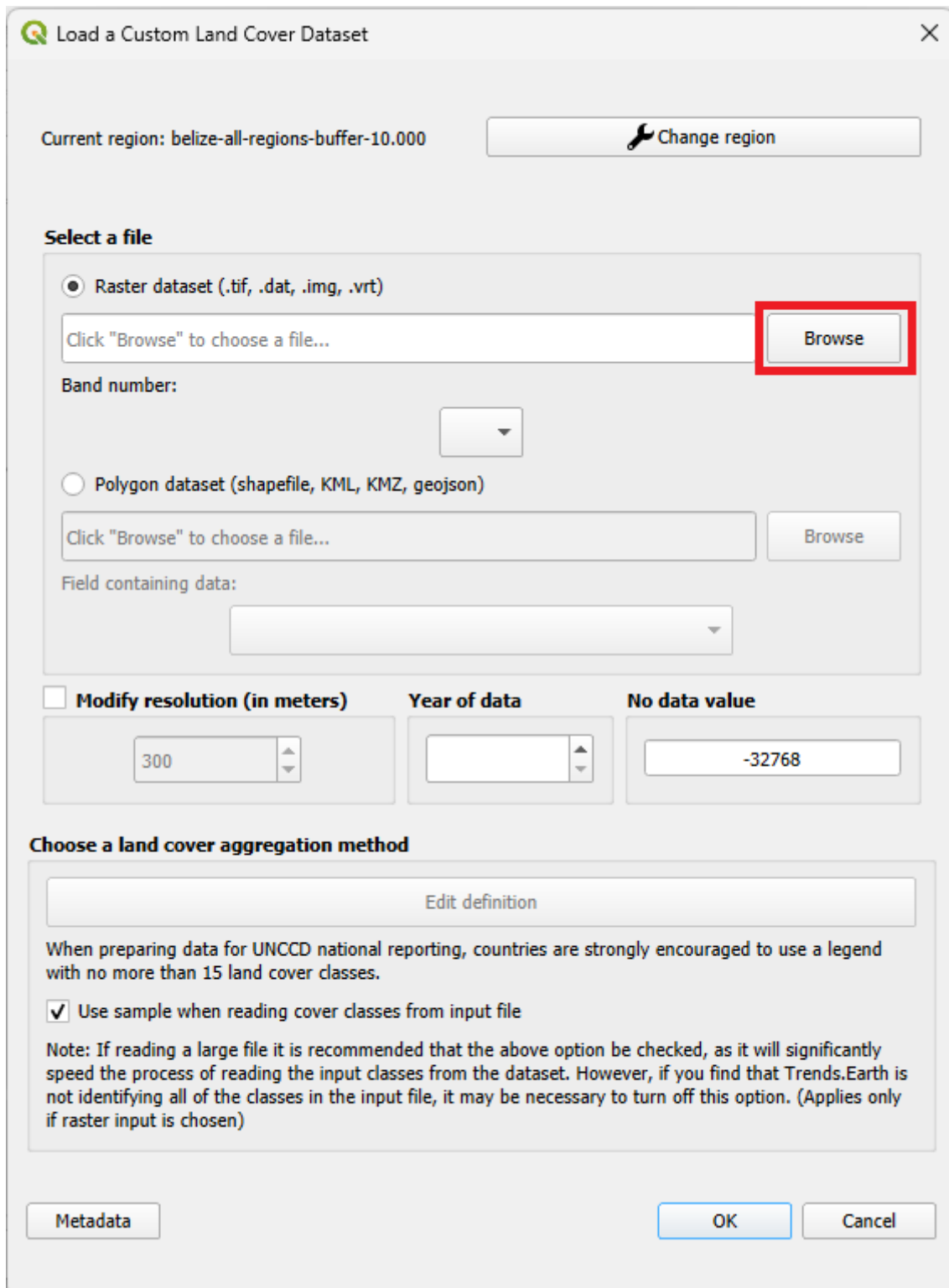
██████████ ██████████



- [illegible]



- [illegible]



- 91

□ □ □ □ □ □ □ □ □ □ □ □ □ □

[illegible]

- [illegible]


Setup aggregation of land cover data
✕

Input code ▾	Output class
0	No data ▾
1	No data ▾
2	No data ▾
3	No data ▾
4	No data ▾
5	No data ▾
6	No data ▾
255	No data ▾
-32768	No data ▾

Reset to default

Load definition from file
Save definition to file

Save

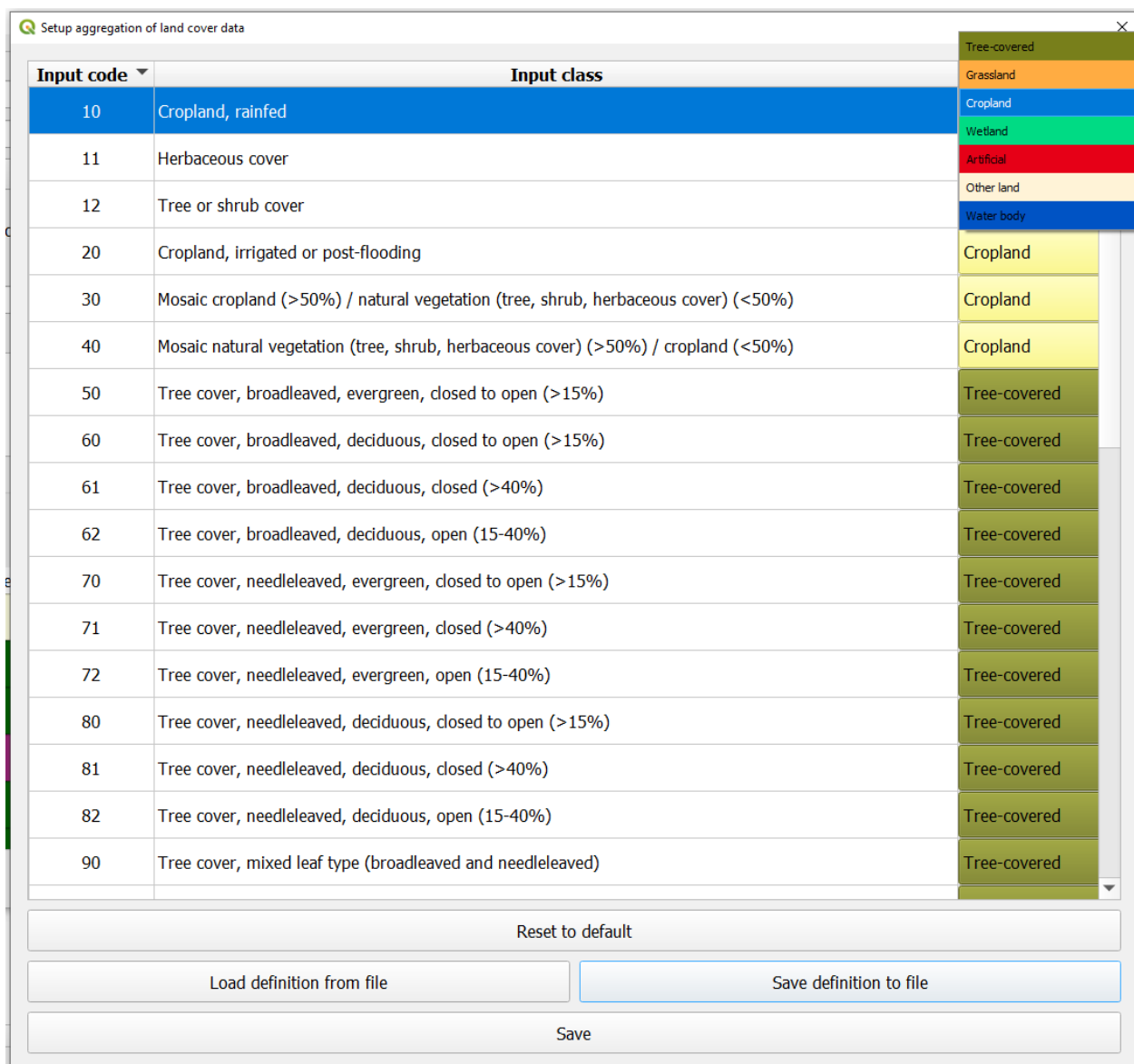
- [illegible]

 1 - Dense Natural Forest	 10 - Closed bushland
 2 - Moderate Natural Forest	 11 - Open Bushland
 3 - Sparse Natural Forest	 12 - Perennial Commercial Cropland
 4 - Sparse Woodland	 13 - Subsistence Cropland
 5 - Dense Woodland	 14 - Subsistence Cropland
 6 - Moderate Woodland	 15 - Wetland
 7 - Sparse Woodland	 16 - Water Body
 8 - Closed Grassland	 17 - Settlement
 9 - Open Grassland	 18 - Other Land

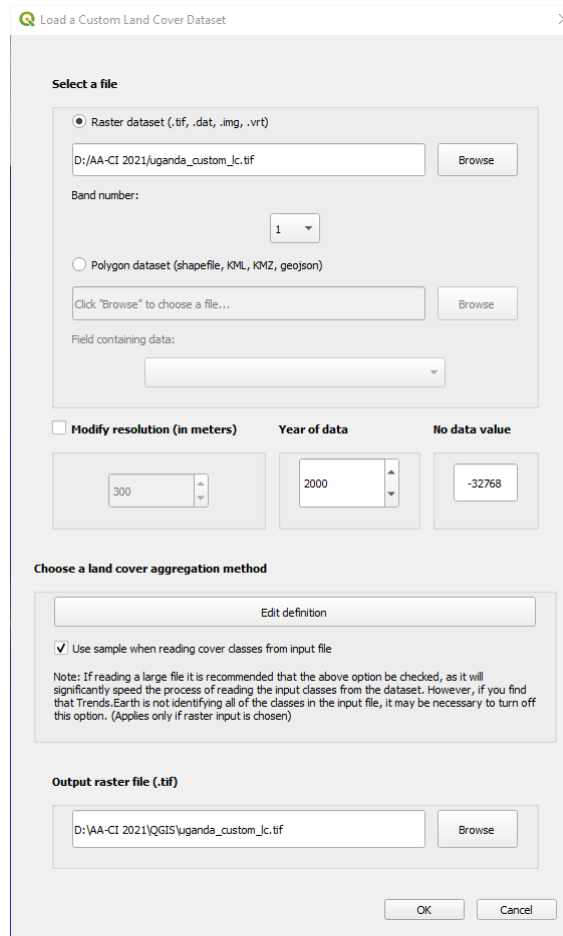
- [illegible]

[REDACTED] [REDACTED], [REDACTED] ** [REDACTED]
[REDACTED] **, [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED], [REDACTED] [REDACTED] [REDACTED]
[REDACTED].

[REDACTED] ** [REDACTED] **, [REDACTED]



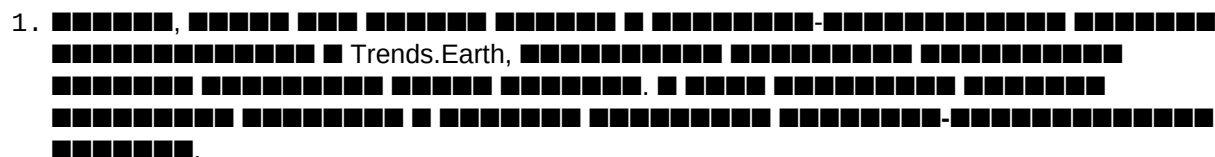
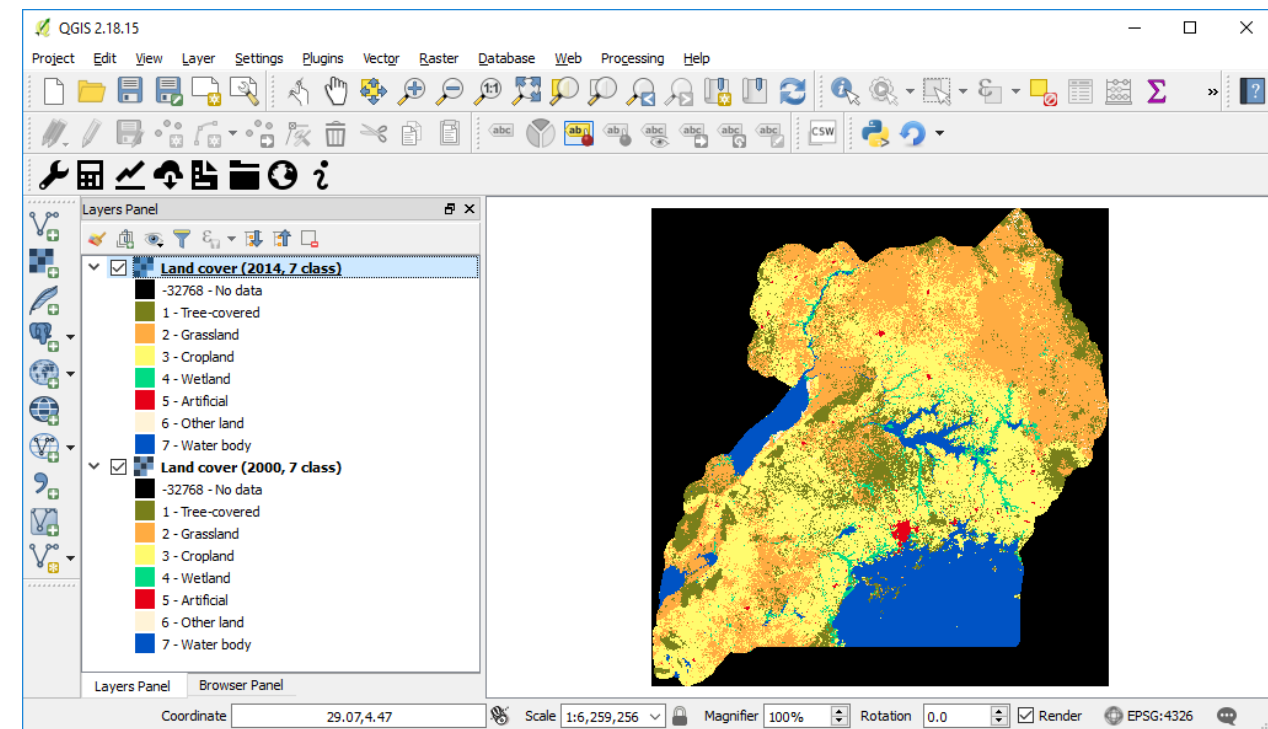
94

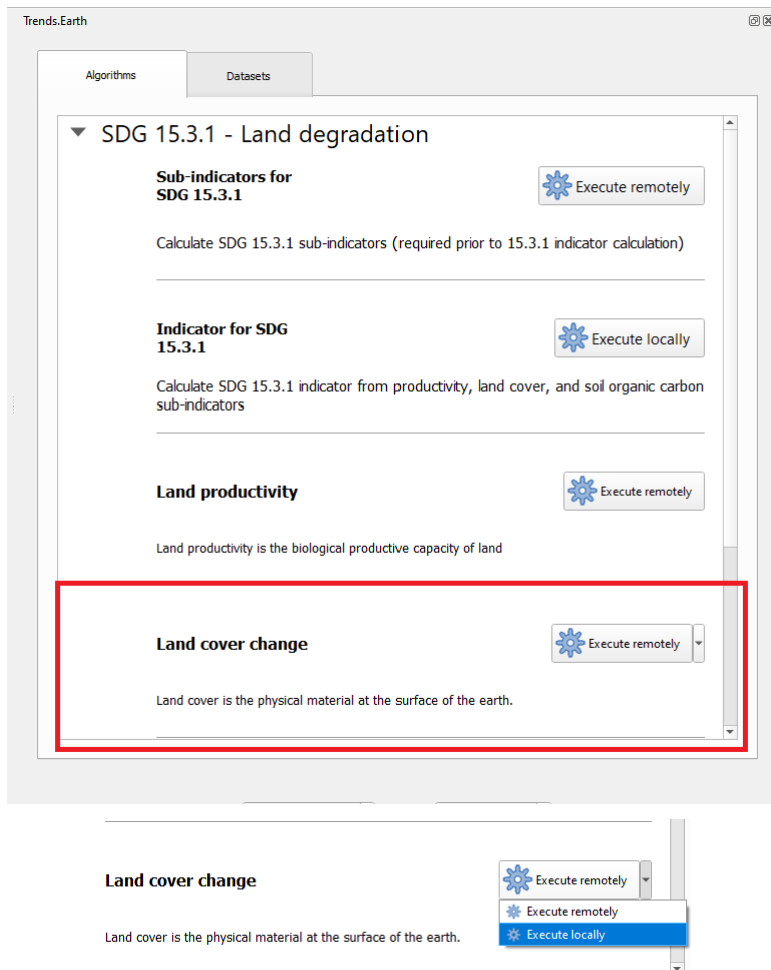


The screenshot displays the QGIS 2.18.15 desktop application. The top menu bar includes 'Project', 'Edit', 'View', 'Layer', 'Settings', 'Plugins', 'Vector', 'Raster', 'Database', 'Web', 'Processing', and 'Help'. Below the menu is a comprehensive toolbar with icons for file operations, navigation, and processing. On the left side, there is a vertical panel with 'Layers Panel' and 'Browser Panel' tabs. The 'Processing' toolbar icon is active, and a dialog box titled 'Processing: remapping values' is open, showing a progress bar at 17% and a 'Cancel' button. The main map area is currently blank. The bottom status bar provides information about the coordinate system (EPSG:4326), scale (1:6,499,997), and rotation (0.0 degrees).

[illegible]

96





98



Land Cover | Land Degradation

Initial year layer

uganda-all-regions-buffer-10.000 - Land cover (2001, 7 class) - 2022-04-05 13:29

Target year layer

uganda-all-regions-buffer-10.000 - Land cover (2015, 7 class) - 2022-04-01 17:05

Current region: uganda-all-regions-buffer-10.000

Change region

Execution name:

UGA_LandCover_SubIndicator_CustomDataset

Notes:

Calculating Land Cover sub-indicator using custom dataset representing land cover classes for 2000 & 2015

Advanced configuration

Land cover in target year

	Tree-covered	Grassland	Cropland	Wetland	Artificial	Other land	Water body
Tree-covered	0	-	-	-	-	-	0
Grassland	+	0	+	-	-	-	0
Cropland	+	-	0	-	-	-	0
Wetland	-	-	-	0	-	-	0
Artificial	+	+	+	+	0	+	0
Other land	+	+	+	+	-	0	0
Water body	0	0	0	0	0	0	0

Legend

Degradation

Stable

Improvement

-

0

+

The "Grassland" class consists of grassland, shrub, and sparsely vegetated areas (if the default aggregation is used).

Land cover

To assess changes in land cover users need land cover maps covering the study area for the baseline and target years. These maps need to be of acceptable accuracy and created in such a way which allows for valid comparisons. Trends.Earth uses ESA CCI land cover maps as the default dataset, but local maps can also be used. The indicator is computed as follows:

1. Reclassify both land cover maps to the 7 land cover classes needed for reporting to the UNCCD (forest, grassland, cropland, wetland, artificial area, bare land and water).
2. Perform a land cover transition analysis to identify which pixels remained in the same land cover class, and which ones changed.
3. Based on your local knowledge of the conditions in the study area and the land degradation processes occurring there, use the table below, in the advanced section, to identify which transitions correspond to degradation (- sign), improvement (+ sign), or no change in terms of land condition (zero).
4. Trends.Earth will combine the information from the land cover maps and the table of degradation typologies by land cover transition to compute the land cover sub-indicator.

[More information on the Land Cover SDG 15.3.1 Sub-indicator](#)

Execute locally

Cancel

Help

-

....., <<.....>>.

Note

.....

.....

3.

.....,

..... ..

....., (.....

.....),

..... (.....) ..

....., (.....)

.....,

.....

.....,

.....,

.....,

.....

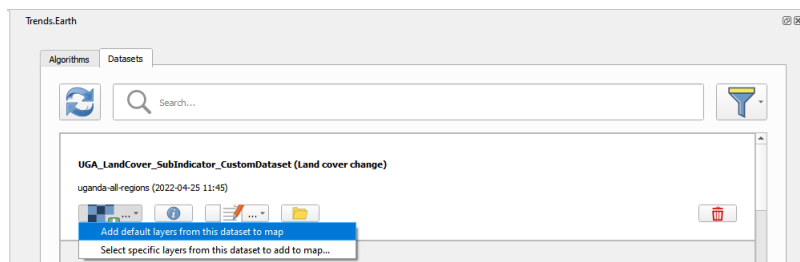
99

[illegible]

.

The screenshot displays the QGIS desktop environment. The top menu bar includes 'Project', 'Edit', 'View', 'Layer', 'Settings', 'Plugins', 'Vector', 'Raster', 'Mesh', and 'Help'. Below the menu is a comprehensive toolbar with icons for file management (e.g., Open, Save, Print), editing (e.g., Move, Copy, Paste), and analysis (e.g., Buffer, Clip). The 'Layers' panel on the left shows a 'Basemap' layer. The bottom status bar indicates that a processing task, 'Processing: calculating land cover change', is in progress, with a progress bar at 47% and a 'Cancel' button.

100



SOC

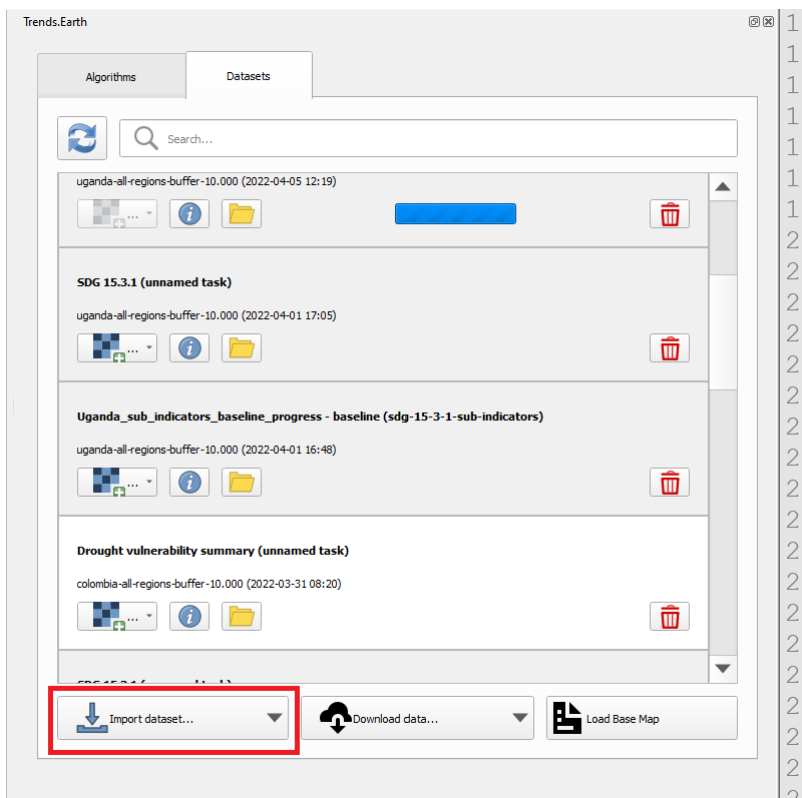
- [REDACTED]: [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] Trends.Earth.
- ** [REDACTED] [REDACTED] [REDACTED] **: 20 [REDACTED]
- ** [REDACTED] [REDACTED] **: [REDACTED] [REDACTED]

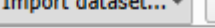


Note

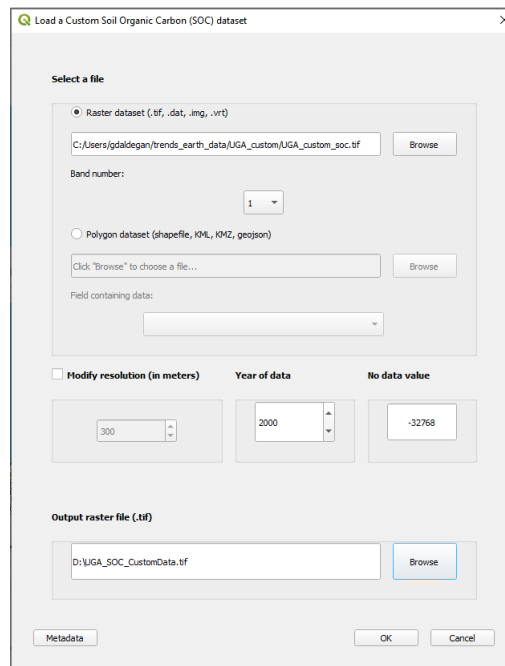
Trends Earth is a leading provider of climate change information and analysis. Our mission is to provide the world's most comprehensive and up-to-date information on climate change, its impacts, and solutions. We are committed to providing the highest quality information and analysis to help decision-makers understand the risks of climate change and develop effective strategies to address them.

1. [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED]
[REDACTED] [REDACTED].

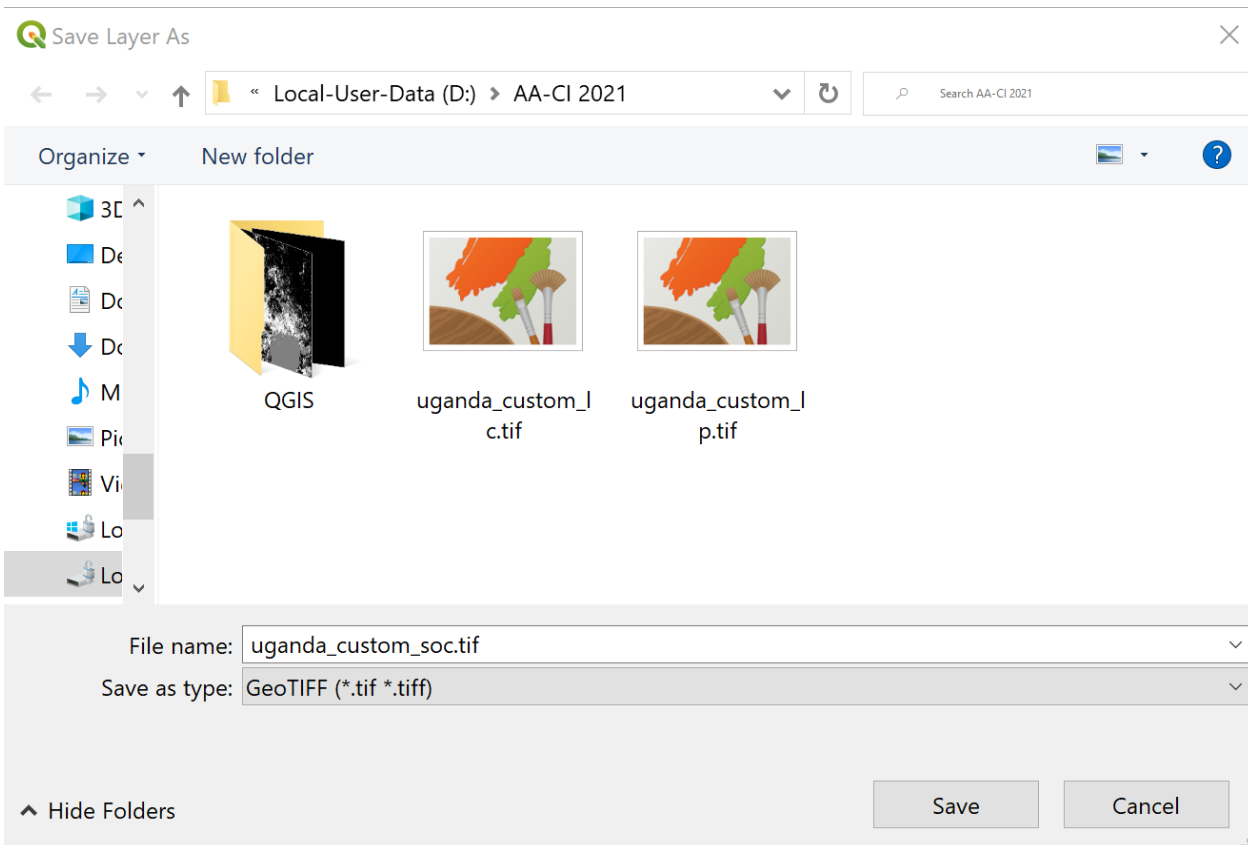


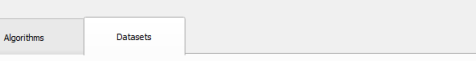
- 
- Import dataset... Create... Down
- Load existing Trends.Earth output file...
 - Import custom Productivity dataset...
 - Import custom Land Cover dataset...
 - Import custom Soil Organic Carbon dataset...**
 - Import custom Population dataset...

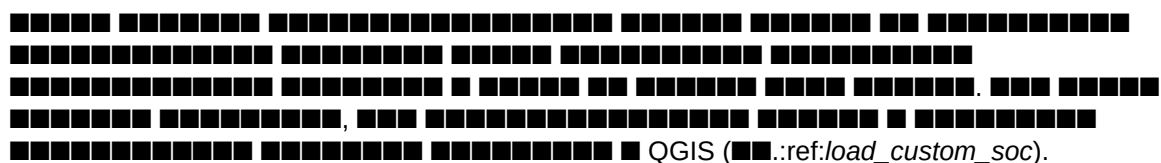
- 102



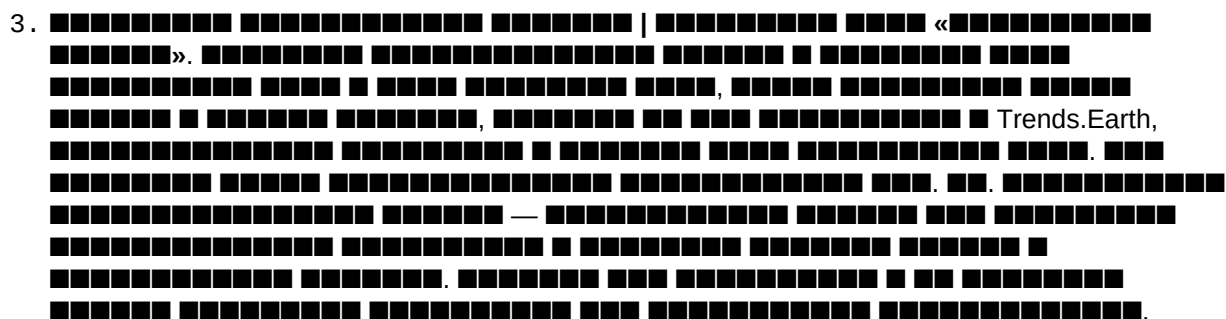
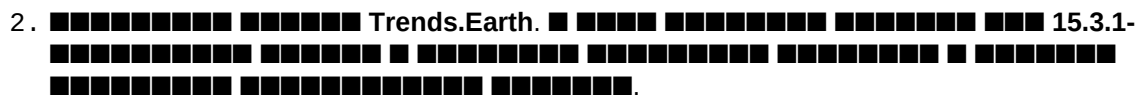
- 103

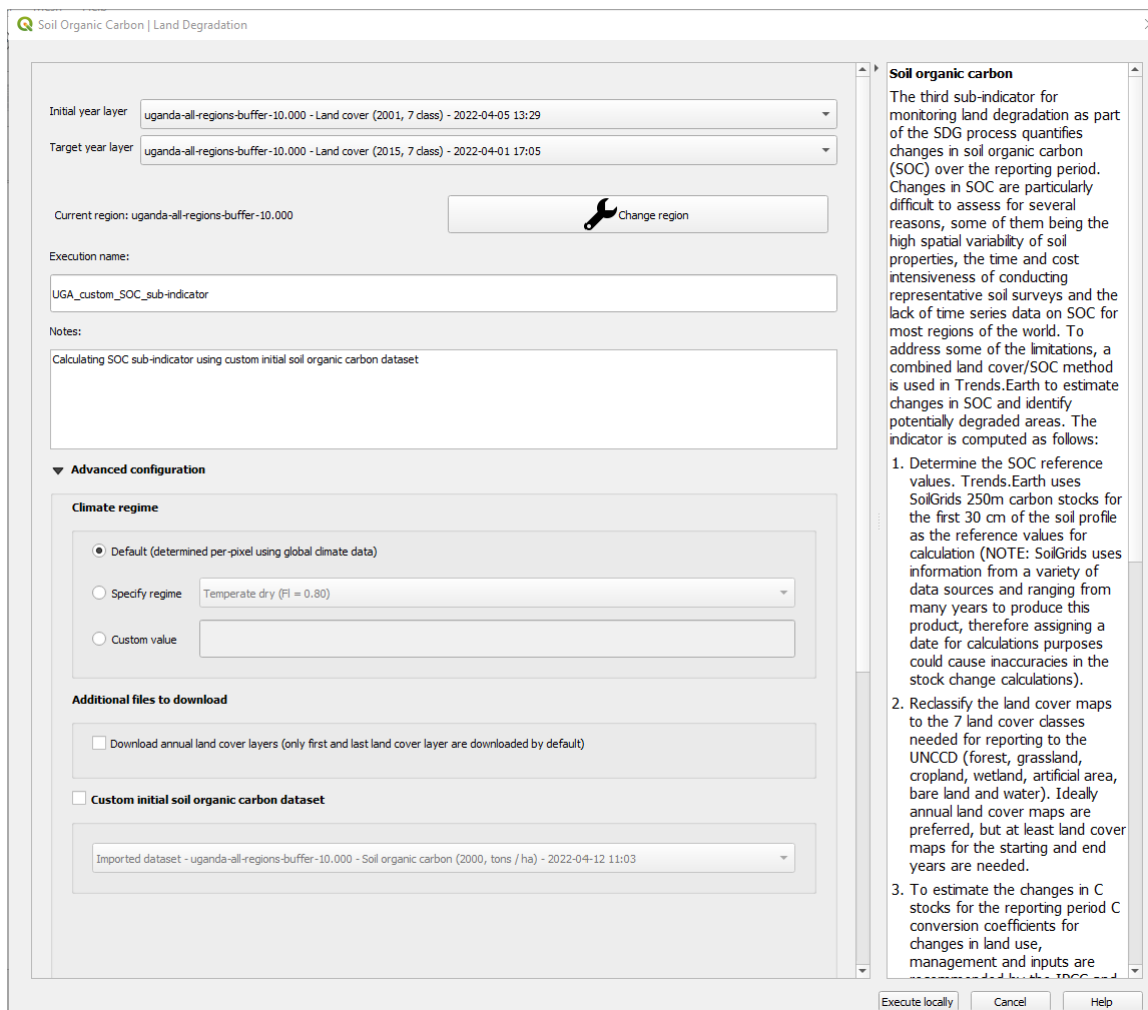


- 

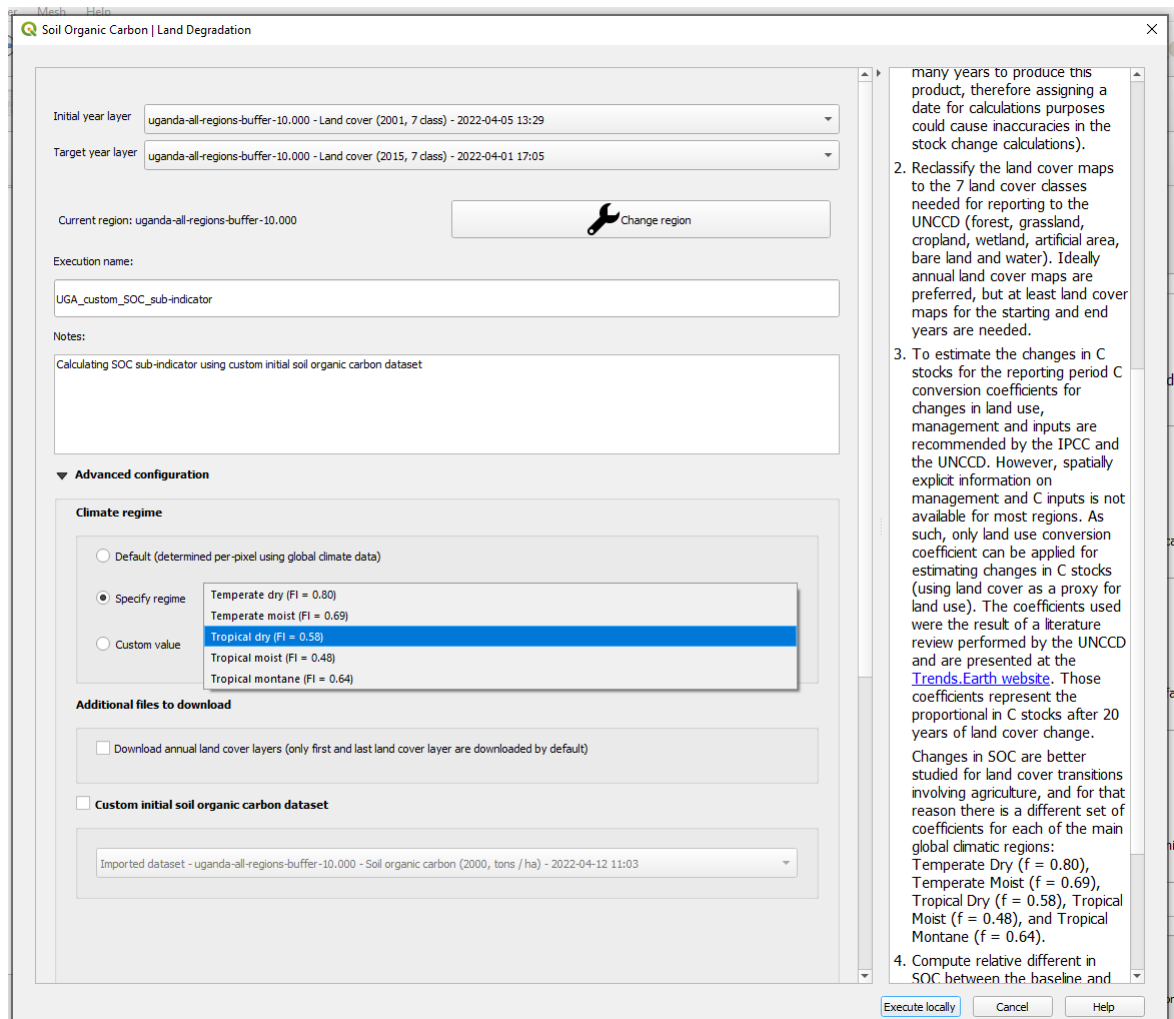


1. ■■■■■■■■■■ ■■■■■■■■ ■■■■■■■■■■■■■■ Trends.Earth ■ QGIS ■ ■■■■■■■■ ■■ ■■■■■■■■
«Trends.Earth».





106



107

Soil Organic Carbon | Land Degradation

Initial year layer: uganda-all-regions-buffer-10.000 - Land cover (2001, 7 class) - 2022-04-05 13:29

Target year layer: uganda-all-regions-buffer-10.000 - Land cover (2015, 7 class) - 2022-04-01 17:05

Current region: uganda-all-regions-buffer-10.000 Change region

Execution name: UGA_custom_SOC_sub-indicator

Notes: Calculating SOC sub-indicator using custom initial soil organic carbon dataset

Advanced configuration

Climate regime

☐ Default (determined per-pixel using global climate data)

☒ Specify regime: Temperate dry ($f = 0.80$)

☐ Custom value:

Additional files to download

☐ Download annual land cover layers (only first and last land cover layer are downloaded by default)

☒ Custom initial soil organic carbon dataset

Imported dataset: uganda-all-regions-buffer-10.000 - Soil organic carbon (2000, tons / ha) - 2022-04-12 11:03

many years to produce this product, therefore assigning a date for calculations purposes could cause inaccuracies in the stock change calculations).

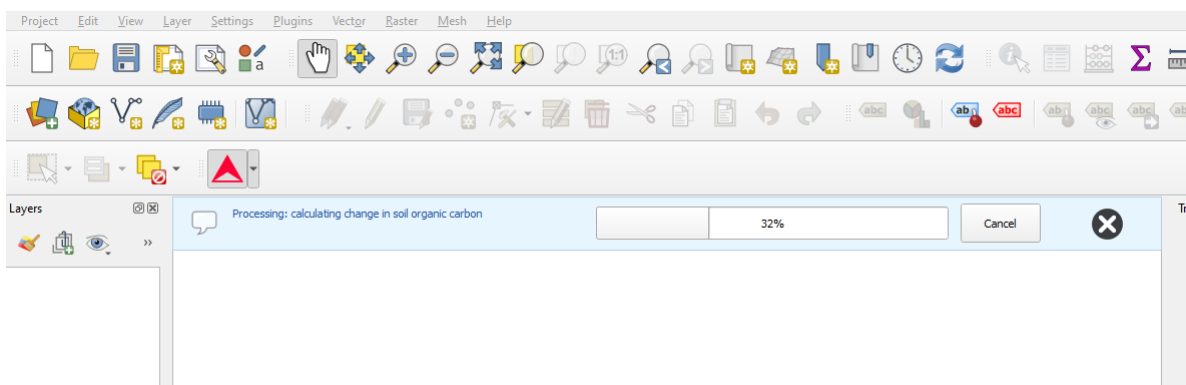
2. Reclassify the land cover maps to the 7 land cover classes needed for reporting to the UNCCD (forest, grassland, cropland, wetland, artificial area, bare land and water). Ideally annual land cover maps are preferred, but at least land cover maps for the starting and end years are needed.

3. To estimate the changes in C stocks for the reporting period C conversion coefficients for changes in land use, management and inputs are recommended by the IPCC and the UNCCD. However, spatially explicit information on management and C inputs is not available for most regions. As such, only land use conversion coefficient can be applied for estimating changes in C stocks (using land cover as a proxy for land use). The coefficients used were the result of a literature review performed by the UNCCD and are presented at the [Trends.Earth website](https://www.earthtrends.org/en/resources/land-use-land-cover-change/). Those coefficients represent the proportional in C stocks after 20 years of land cover change. Changes in SOC are better studied for land cover transitions involving agriculture, and for that reason there is a different set of coefficients for each of the main global climatic regions: Temperate Dry ($f = 0.80$), Temperate Moist ($f = 0.69$), Tropical Dry ($f = 0.58$), Tropical Moist ($f = 0.48$), and Tropical Montane ($f = 0.64$).

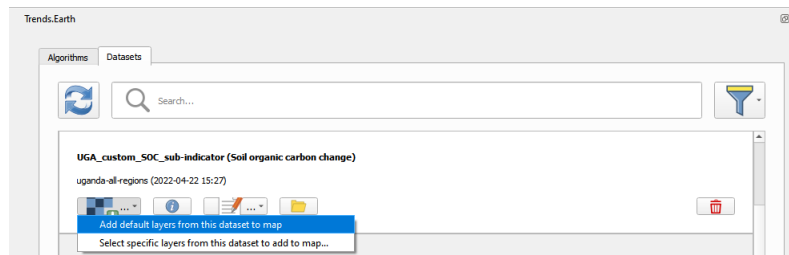
4. Compute relative different in SOC between the baseline and

Execute locally Cancel Help

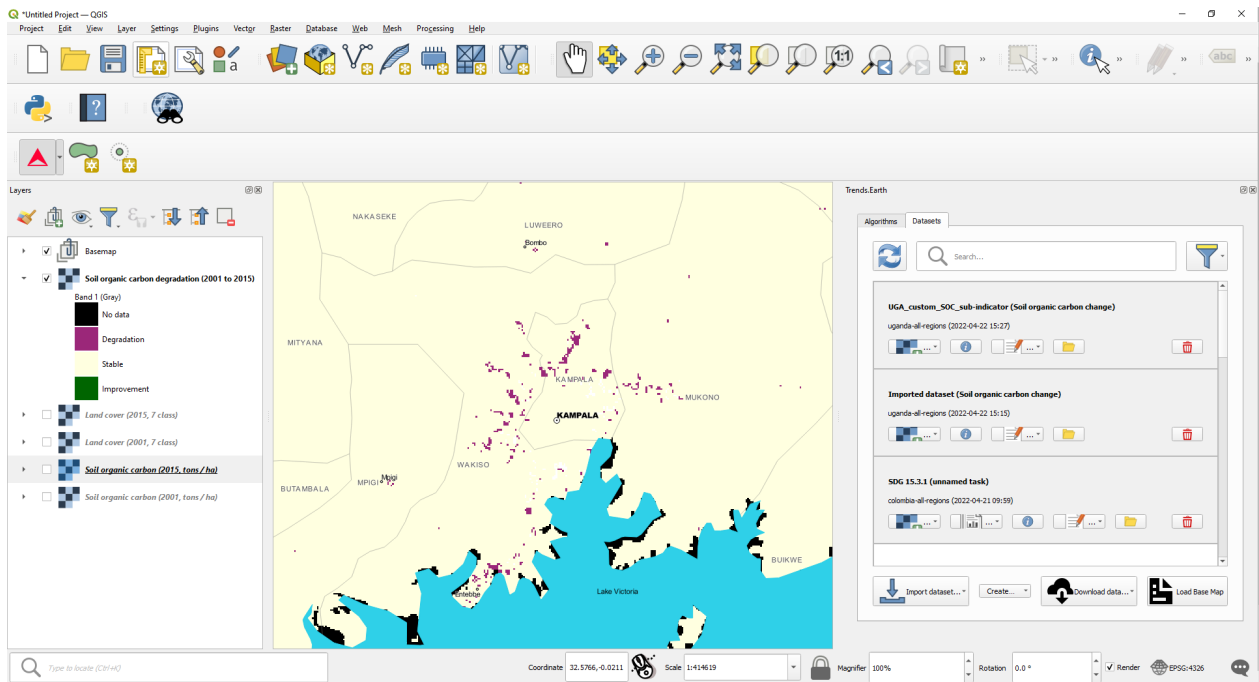
6. **Processing: calculating change in soil organic carbon**. This processing tool in QGIS is used to calculate the change in soil organic carbon (SOC) based on the land cover data and the climate regime selected in the previous step.



7. **Results**. The results of the processing tool are displayed in the Results panel. The results show the change in soil organic carbon (SOC) for each pixel, calculated based on the land cover data and the climate regime selected in the previous step. The results can be visualized as a map or table in QGIS.



9. [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED]:



Note

15.3.1 在 15.3 节中，我们讨论了如何从给定的输入数据中生成输出数据。
 15.3.1 在 15.3 节中，我们讨论了如何从给定的输入数据中生成输出数据。

NDVI ()

- ■■■■ ■■■■

THE UNIVERSITY OF CHICAGO

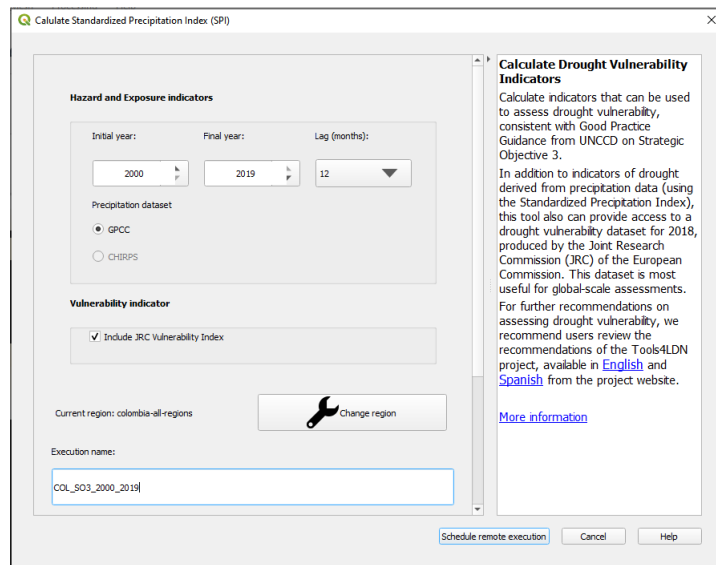
■■■■■■■■ ■■ ■■■■■■■■■■■■ ■■■■ SO 3 ■■■■ ■■■■

- [REDACTED]: [REDACTED] SO 3 [REDACTED],
[REDACTED] Trends.Earth [REDACTED]

- ■■■■■■■■■■■■■■■■■■■■ ■■■■■■ ■■■■■■■■■■■■■■■■■■■■: 15 ■■■■■■.
- ** ■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ **: ■■■■■■■■■■■■■■■■■■■■

-
- QGIS 3.22.5 Desktop Application Interface
- Menu Bar:** Project, Edit, View, Layer, Settings, Plugins, Vector, Raster, Mesh, Help
- Toolbars:** File operations, Navigation, Processing, and other GIS tools.
- Recent Projects:** Two project thumbnails are visible.
- Project Templates:**
 - New Empty Project** button
 - EPSG:4326 - WGS 84
- Trends.Earth Panel:**
 - Algorithms:**
 - SDG 15.3.1 - Land degradation
 - Drought - Vulnerability and exposure** (highlighted with a red box)
 - Drought vulnerability** (with "Execute remotely" button)
 - Calculate indicators of drought vulnerability consistent with UNCCD SO3 Good Practice Guidance
 - Drought vulnerability summary table** (with "Execute locally" button)
 - Summarize drought indicators in alignment with UNCCD SO3 reporting requirements
 - UNCCD Reporting - Summarize data for ...
 - SDG 11.3.1 - Urban change and land ...
 - Experimental
- Status Bar:** Coordinate system: EPSG:4326

50° 00' 00" 000000000000 50° 00' 00" 000000000000. 00000000 0000 000000000000 0 000
0000000000 0000000000 0000000000 00000000 00 0000 0000 0000
00000000000 0000000000000000.

[illegible]

Note

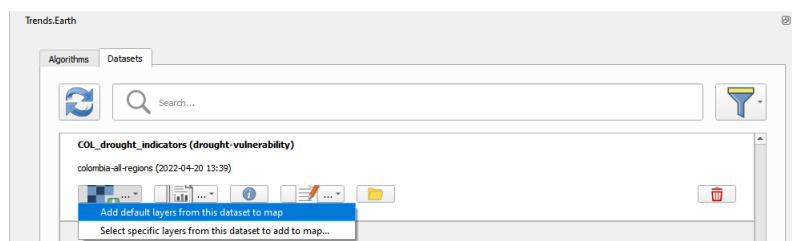
15.3.1 在 15.3 节中，我们讨论了如何在不使用任何外部库的情况下，使用 C 语言实现一个字符串库。在本节中，我们将讨论如何在不使用任何外部库的情况下，使用 C 语言实现一个字符串库。

5. ■■■ Trends.Earth ■■■■■■ ■■■■■■ ■■■■■■ ■■■■■■. ■■■■■■
■■■■■■ ■■■■■■ ■ ■■■■, ■■■■ ■■■■■■■■ ■■■■■■ ■ ■■■■■■■■ ■■■
■■■■■■■ ■■■■■■■■■■■■ ■■■■■■■■ ■■■■■■■■ ■■■■■■ ■■■■■■.

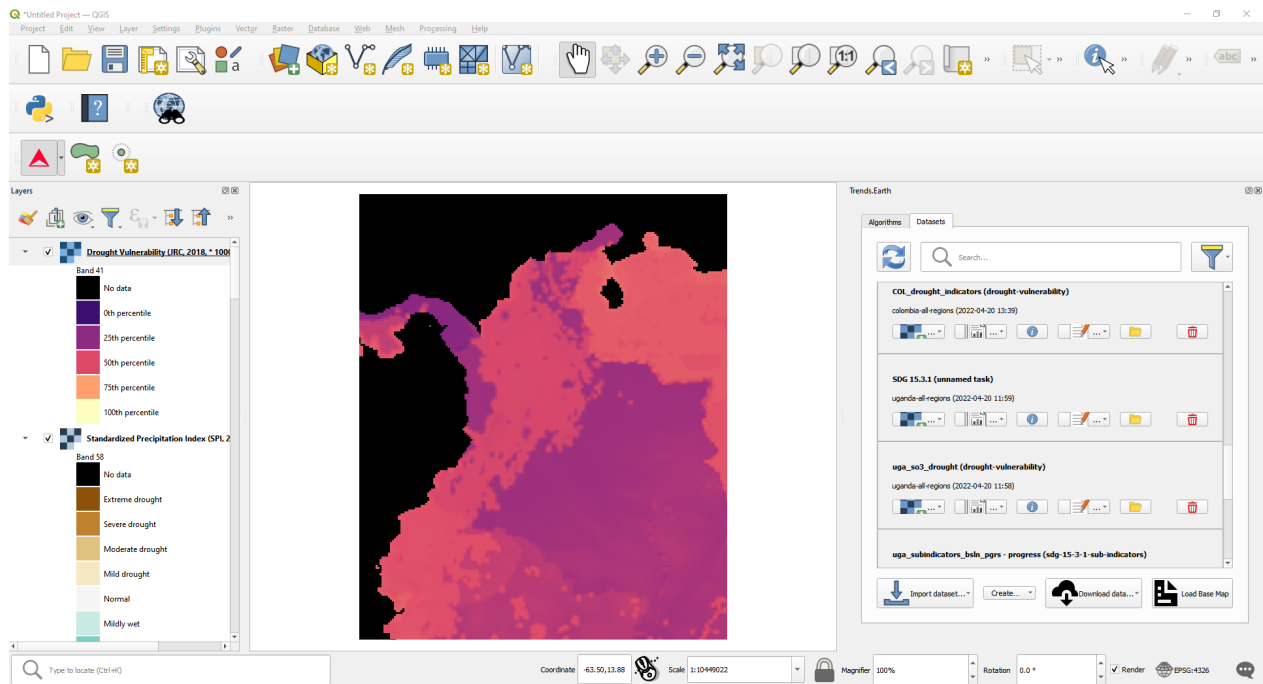
Note

[illegible][illegible]

6. [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

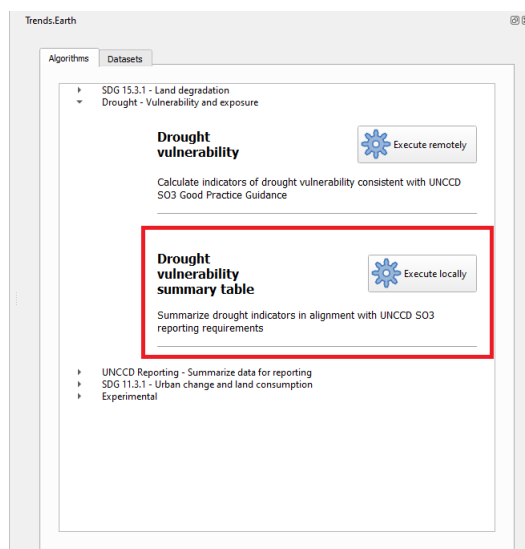


7. The default data: Standardized Precipitation Index for all epochs, JRC's Drought Vulnerability Index for 2018, and population disaggregated by gender, will be added to the map for the region of interest.

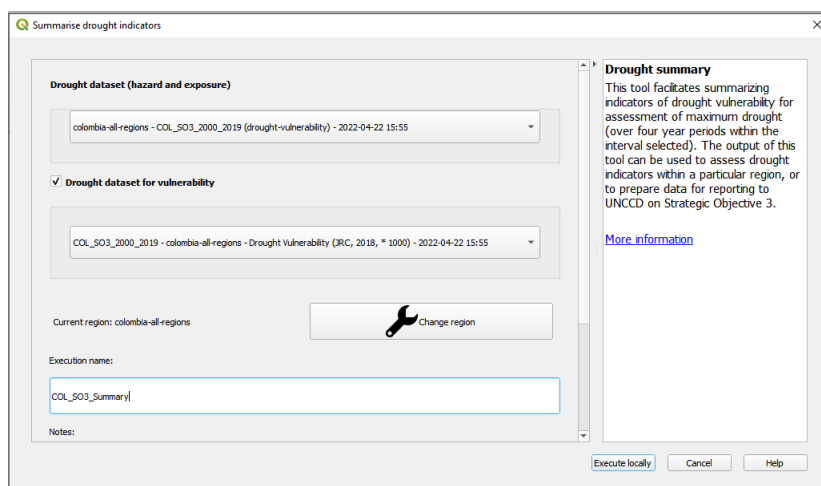
[illegible]

THE FOLLOWING INFORMATION IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. UNCLASSIFIED INFORMATION IS NOT TO BE RELEASED TO THE PUBLIC WITHOUT THE WRITTEN AUTHORIZATION OF THE NATIONAL ARCHIVES AND RECORDS ADMINISTRATION. WHERE SHOWN OTHERWISE, THE INFORMATION IS TO BE RELEASED TO THE PUBLIC ON THE BASIS OF THE FOLLOWING EXEMPTIONS: 1.5, 1.6, 1.7, 1.8, 1.9, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8, 9.9, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 11.1, 11.2, 11.3, 11.4, 11.5, 11.6, 11.7, 11.8, 11.9, 12.1, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7, 12.8, 12.9, 13.1, 13.2, 13.3, 13.4, 13.5, 13.6, 13.7, 13.8, 13.9, 14.1, 14.2, 14.3, 14.4, 14.5, 14.6, 14.7, 14.8, 14.9, 15.1, 15.2, 15.3, 15.4, 15.5, 15.6, 15.7, 15.8, 15.9, 16.1, 16.2, 16.3, 16.4, 16.5, 16.6, 16.7, 16.8, 16.9, 17.1, 17.2, 17.3, 17.4, 17.5, 17.6, 17.7, 17.8, 17.9, 18.1, 18.2, 18.3, 18.4, 18.5, 18.6, 18.7, 18.8, 18.9, 19.1, 19.2, 19.3, 19.4, 19.5, 19.6, 19.7, 19.8, 19.9, 20.1, 20.2, 20.3, 20.4, 20.5, 20.6, 20.7, 20.8, 20.9, 21.1, 21.2, 21.3, 21.4, 21.5, 21.6, 21.7, 21.8, 21.9, 22.1, 22.2, 22.3, 22.4, 22.5, 22.6, 22.7, 22.8, 22.9, 23.1, 23.2, 23.3, 23.4, 23.5, 23.6, 23.7, 23.8, 23.9, 24.1, 24.2, 24.3, 24.4, 24.5, 24.6, 24.7, 24.8, 24.9, 25.1, 25.2, 25.3, 25.4, 25.5, 25.6, 25.7, 25.8, 25.9, 26.1, 26.2, 26.3, 26.4, 26.5, 26.6, 26.7, 26.8, 26.9, 27.1, 27.2, 27.3, 27.4, 27.5, 27.6, 27.7, 27.8, 27.9, 28.1, 28.2, 28.3, 28.4, 28.5, 28.6, 28.7, 28.8, 28.9, 29.1, 29.2, 29.3, 29.4, 29.5, 29.6, 29.7, 29.8, 29.9, 30.1, 30.2, 30.3, 30.4, 30.5, 30.6, 30.7, 30.8, 30.9, 31.1, 31.2, 31.3, 31.4, 31.5, 31.6, 31.7, 31.8, 31.9, 32.1, 32.2, 32.3, 32.4, 32.5, 32.6, 32.7, 32.8, 32.9, 33.1, 33.2, 33.3, 33.4, 33.5, 33.6, 33.7, 33.8, 33.9, 34.1, 34.2, 34.3, 34.4, 34.5, 34.6, 34.7, 34.8, 34.9, 35.1, 35.2, 35.3, 35.4, 35.5, 35.6, 35.7, 35.8, 35.9, 36.1, 36.2, 36.3, 36.4, 36.5, 36.6, 36.7, 36.8, 36.9, 37.1, 37.2, 37.3, 37.4, 37.5, 37.6, 37.7, 37.8, 37.9, 38.1, 38.2, 38.3, 38.4, 38.5, 38.6, 38.7, 38.8, 38.9, 39.1, 39.2, 39.3, 39.4, 39.5, 39.6, 39.7, 39.8, 39.9, 40.1, 40.2, 40.3, 40.4, 40.5, 40.6, 40.7, 40.8, 40.9, 41.1, 41.2, 41.3, 41.4, 41.5, 41.6, 41.7, 41.8, 41.9, 42.1, 42.2, 42.3, 42.4, 42.5, 42.6, 42.7, 42.8, 42.9, 43.1, 43.2, 43.3, 43.4, 43.5, 43.6, 43.7, 43.8, 43.9, 44.1, 44.2, 44.3, 44.4, 44.5, 44.6, 44.7, 44.8, 44.9, 45.1, 45.2, 45.3, 45.4, 45.5, 45.6, 45.7, 45.8, 45.9, 46.1, 46.2, 46.3, 46.4, 46.5, 46.6, 46.7, 46.8, 46.9, 47.1, 47.2, 47.3, 47.4, 47.5, 47.6, 47.7, 47.8, 47.9, 48.1, 48.2, 48.3, 48.4, 48.5, 48.6, 48.7, 48.8, 48.9, 49.1, 49.2, 49.3, 49.4, 49.5, 49.6, 49.7, 49.8, 49.9, 50.1, 50.2, 50.3, 50.4, 50.5, 50.6, 50.7, 50.8, 50.9, 51.1, 51.2, 51.3, 51.4, 51.5, 51.6, 51.7, 51.8, 51.9, 52.1, 52.2, 52.3, 52.4, 52.5, 52.6, 52.7, 52.8, 52.9, 53.1, 53.2, 53.3, 53.4, 53.5, 53.6, 53.7, 53.8, 53.9, 54.1, 54.2, 54.3, 54.4, 54.5, 54.6, 54.7, 54.8, 54.9, 55.1, 55.2, 55.3, 55.4, 55.5, 55.6, 55.7, 55.8, 55.9, 56.1, 56.2, 56.3, 56.4, 56.5, 56.6, 56.7, 56.8, 56.9, 57.1, 57.2, 57.3, 57.4, 57.5, 57.6, 57.7, 57.8, 57.9, 58.1, 58.2, 58.3, 58.4, 58.5, 58.6, 58.7, 58.8, 58.9, 59.1, 59.2, 59.3, 59.4, 59.5, 59.6, 59.7, 59.8, 59.9, 60.1, 60.2, 60.3, 60.4, 60.5, 60.6, 60.7, 60.8, 60.9, 61.1, 61.2, 61.3, 61.4, 61.5, 61.6, 61.7, 61.8, 61.9, 62.1, 62.2, 62.3, 62.4, 62.5, 62.6, 62.7, 62.8, 62.9, 63.1, 63.2, 63.3, 63.4, 63.5, 63.6, 63.7, 63.8, 63.9, 64.1, 64.2, 64.3, 64.4, 64.5, 64.6, 64.7, 64.8, 64.9, 65.1, 65.2, 65.3, 65.4, 65.5, 65.6, 65.7, 65.8, 65.9, 66.1, 66.2, 66.3, 66.4, 66.5, 66.6, 66.7, 66.8, 66.9, 67.1, 67.2, 67.3, 67.4, 67.5, 67.6, 67.7, 67.8, 67.9, 68.1, 68.2, 68.3, 68.4, 68.5, 68.6, 68.7, 68.8, 68.9, 69.1, 69.2, 69.3, 69.4, 69.5, 69.6, 69.7, 69.8, 69.9, 70.1, 70.2, 70.3, 70.4, 70.5, 70.6, 70.7, 70.8, 70.9, 71.1, 71.2, 71.3, 71.4, 71.5, 71.6, 71.7, 71.8, 71.9, 72.1, 72.2, 72.3, 72.4, 72.5, 72.6, 72.7, 72.8, 72.9, 73.1, 73.2, 73.3, 73.4, 73.5, 73.6, 73.7, 73.8, 73.9, 74.1, 74.2, 74.3, 74.4, 74.5, 74.6, 74.7, 74.8, 74.9, 75.1, 75.2, 75.3, 75.4, 75.5, 75.6, 75.7, 75.8, 75.9, 76.1, 76.2, 76.3, 76.4, 76.5, 76.6, 76.7, 76.8, 76.9, 77.1, 77.2, 77.3, 77.4, 77.5, 77

- 112



Note

[illegible][illegible]

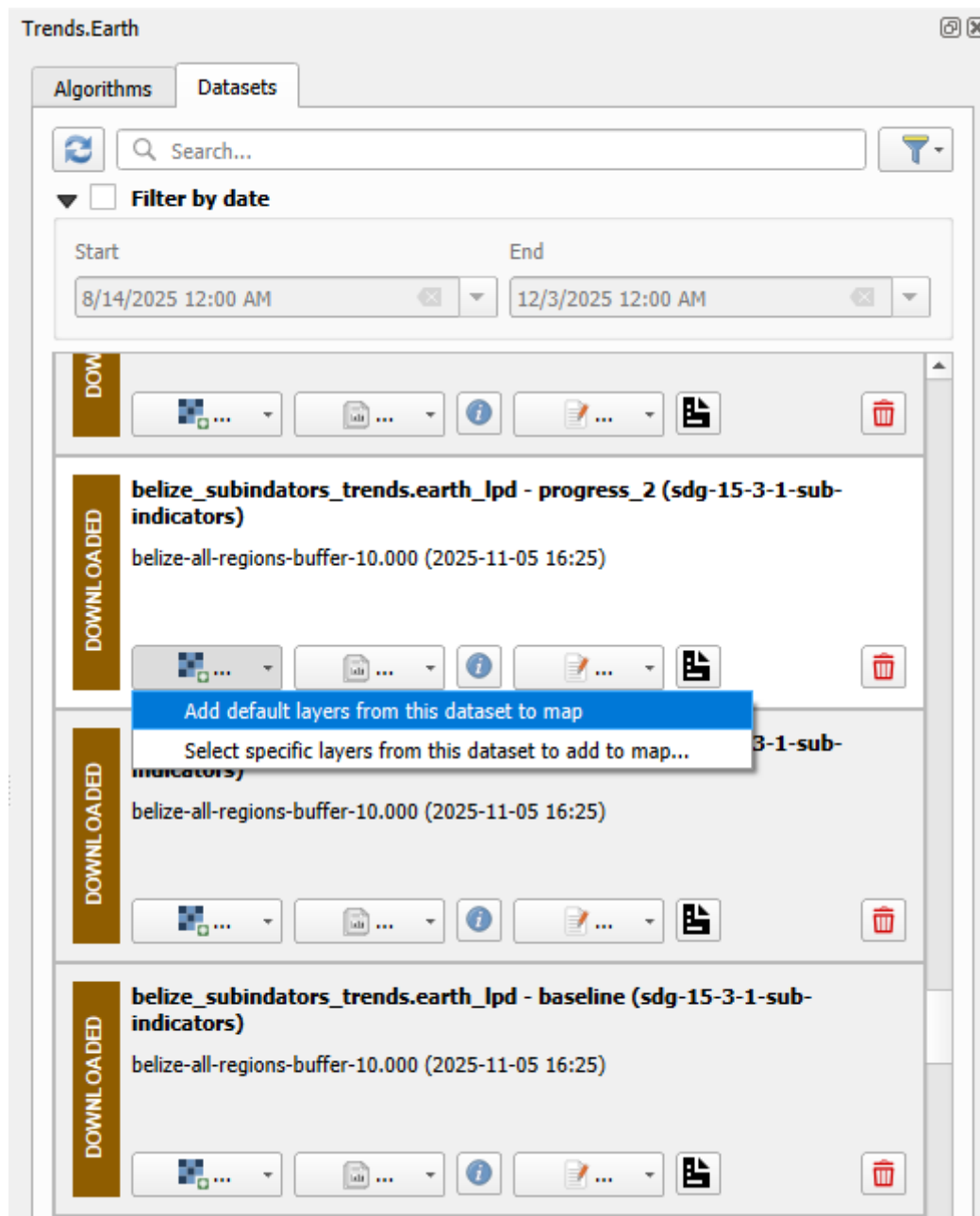
■■■■■■■■■■ ■■■■■■■■■■

Note

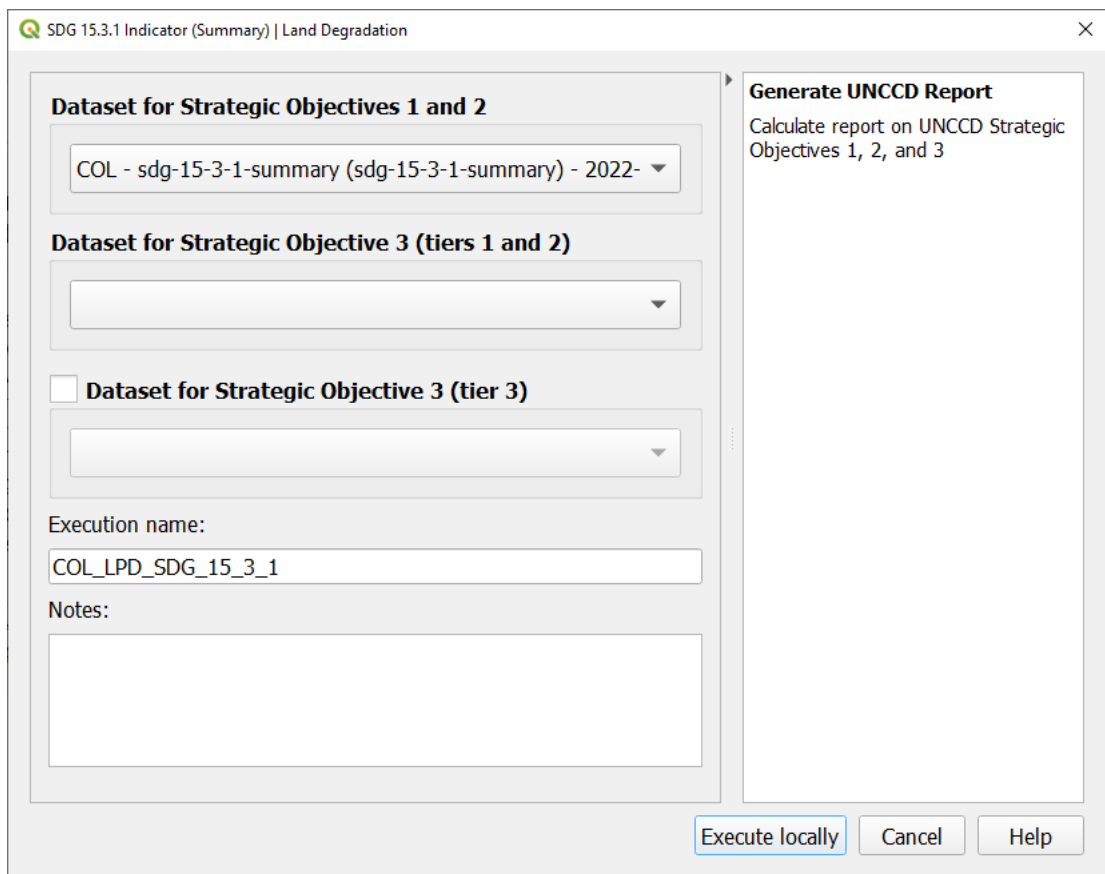
■■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■, ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■

■■■■■■■■■■■ ■■■■■■■■■■ «■■■■■■■■■■», ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■.

6. ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■, ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■



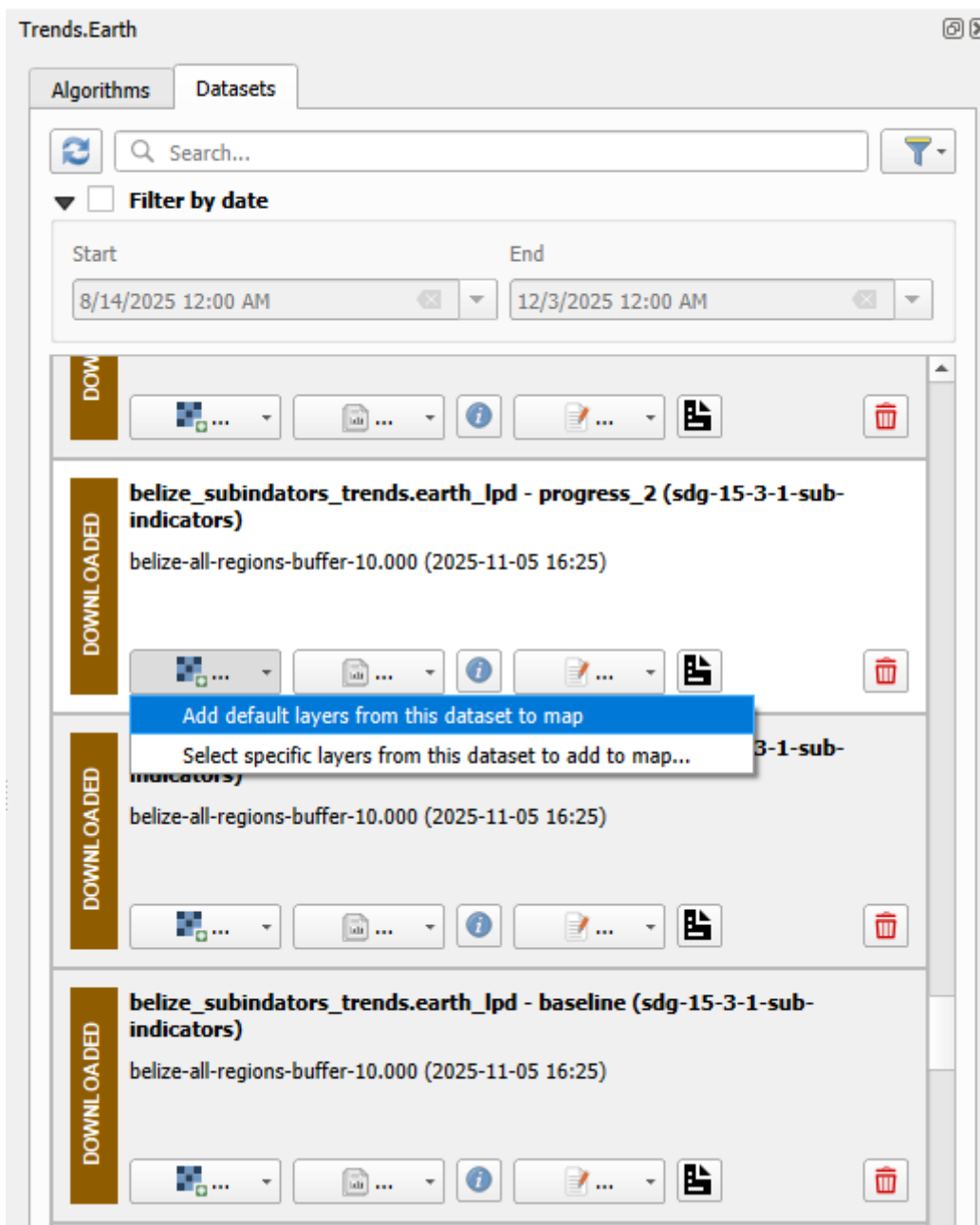
7. ■■■■■■■■■■ ■■■■■■■■■■ SO 3 ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■



- ### Note

■■■■■■■■■■ ■■■■■■ «■■■■■■■■■■», ■■■■ ■■■■■■■■ ■■ ■■■■■■■■■■■■■■■■ ■ ■■■■.

- 116



- ### Note

■■■■■■■■■■■ (■■■ 11.3.1)

□ □ □ □ □ □ □ □ □ □ □ □ □ □

- [illegible]

Note

██████████ ████████████████████, ████████████ █ ███████████ ██████████ 11.3.1, ████████████████████ ████████████ ████████████, ████████████████████ ████████████ ▲TRENDS.EARTH, ██████████ ████████████████████ ████████████: ████████████████████ ████████████ 11.3.1.

Note

[illegible]

Urban Mapper

Mapper<<https://geflanddegradation.users.earthengine.app/view/trendsearth-urban-mapper>>`_.

Trends.Earth Urban

Mapper<<https://geflanddegradation.users.earthengine.app/view/trendsearth-urban-mapper>>`_.

1. [Trends.Earth Urban Mapper](#), [QGIS](#).
2.

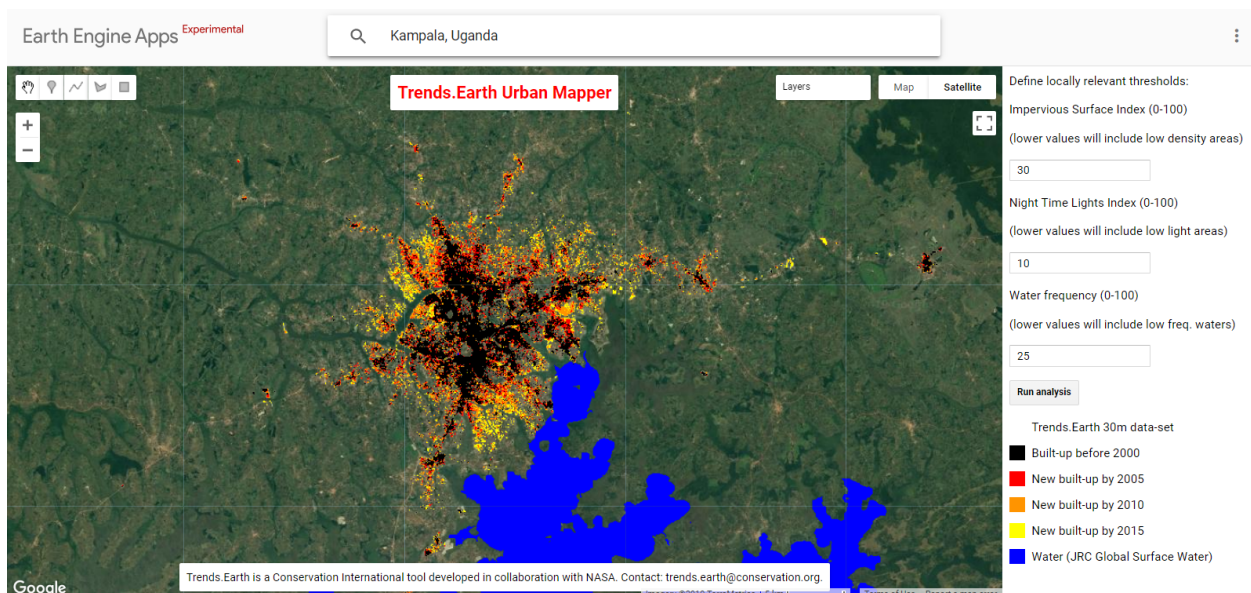
Urban areas are defined as areas with a population density of at least 100 people per square kilometer. This is a common definition used in many studies. However, the definition of urban areas can vary significantly between different studies and countries. For example, some studies may use a higher population density threshold, while others may use a lower threshold. This can lead to differences in the results of the analysis.
3.

Urban areas are defined as areas with a population density of at least 100 people per square kilometer. This is a common definition used in many studies. However, the definition of urban areas can vary significantly between different studies and countries. For example, some studies may use a higher population density threshold, while others may use a lower threshold. This can lead to differences in the results of the analysis.

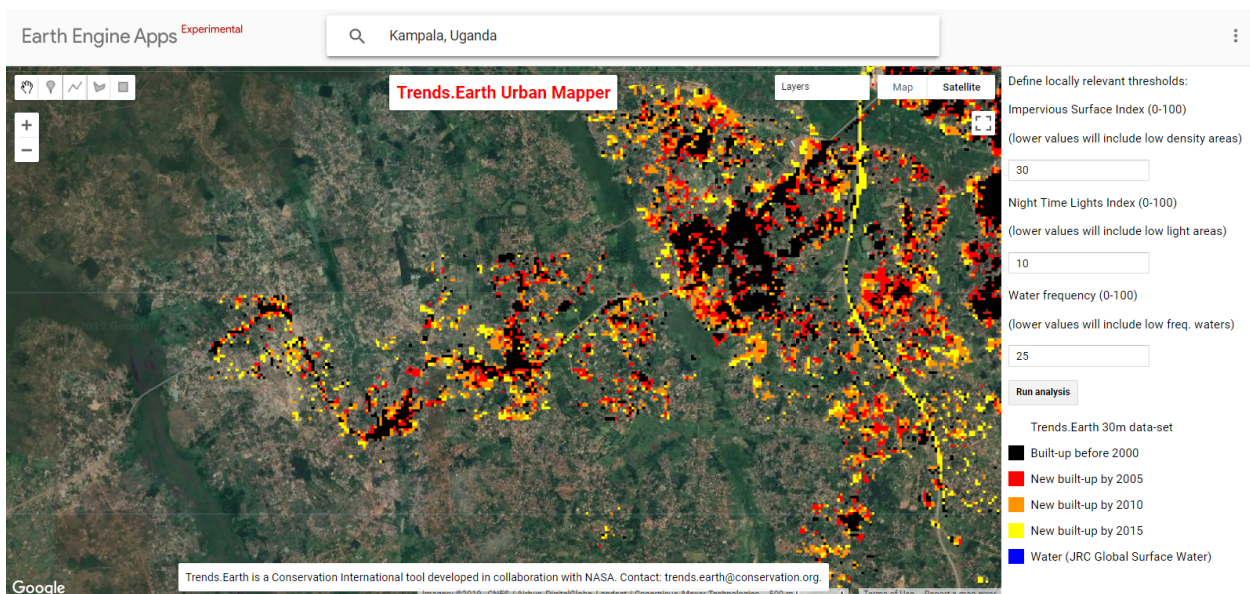
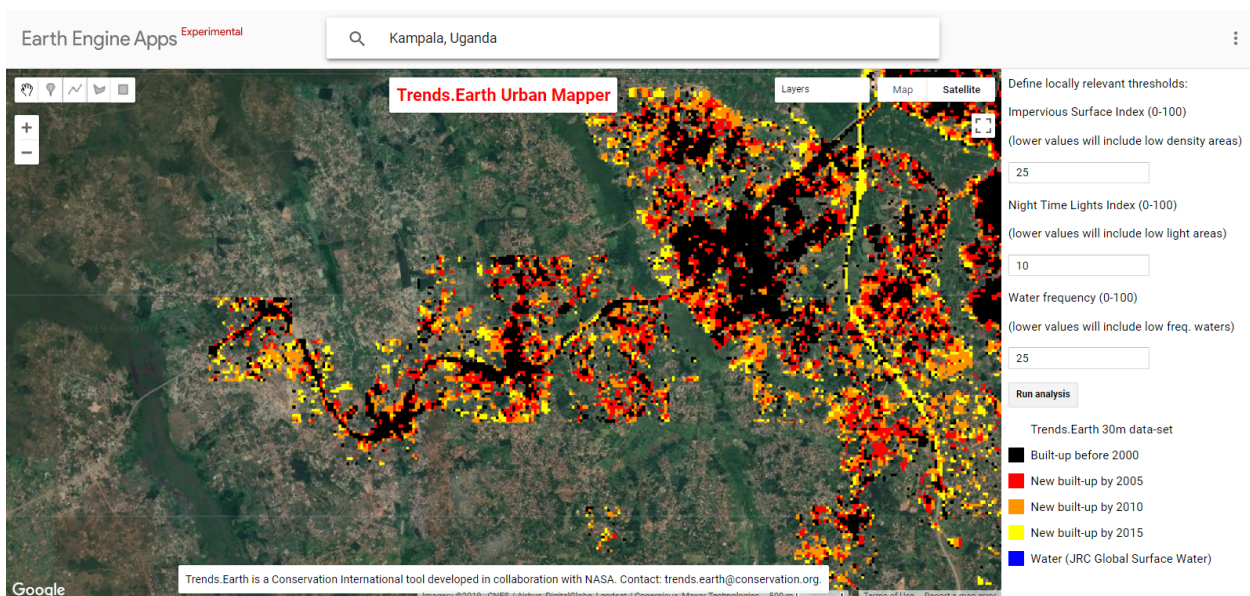
[REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED]. [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED].

REDAZIONE E AMMINISTRAZIONE

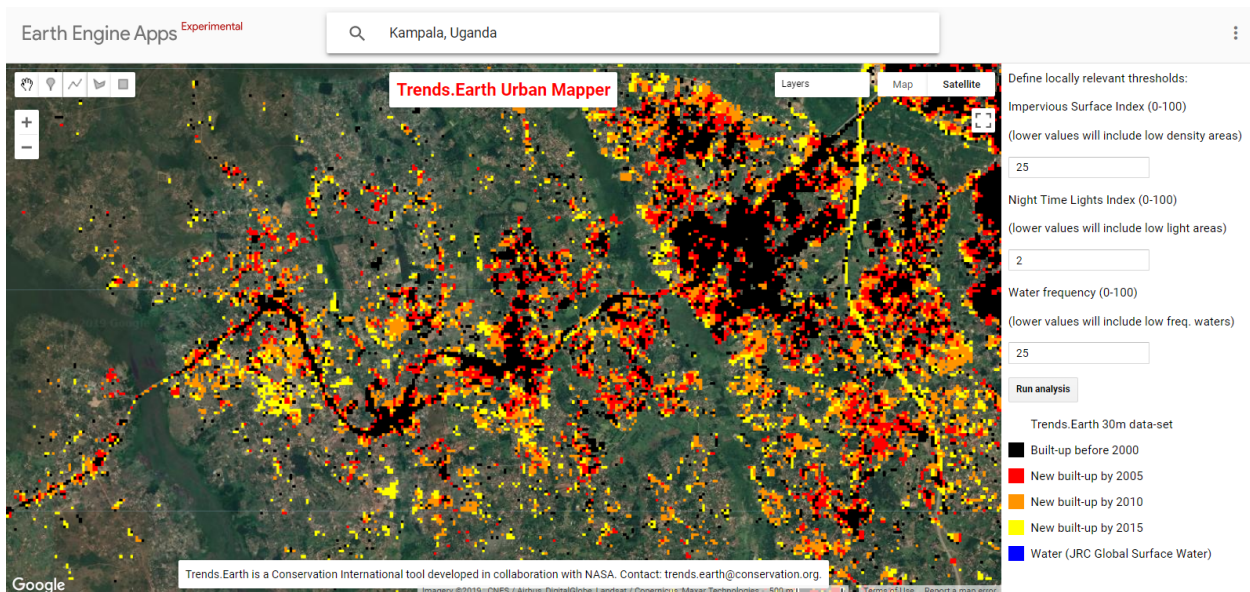
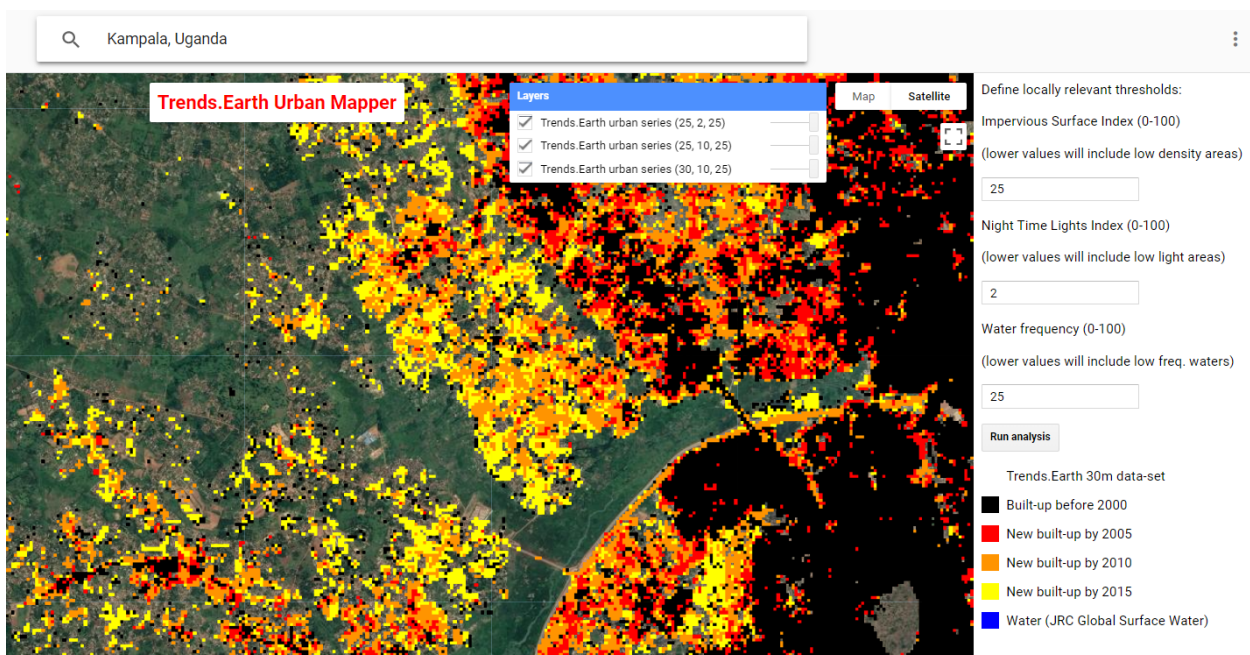
- **2000-2005:** **2000-2005** **2000-2005**, **2000-2005** **2000-2005**.
- **2000-2005:** **2000-2005** **2000-2005** **2000-2005**, **2000-2005** **2000-2005** **2000-2005**.
- **2000-2005:** **2000-2005** **2000-2005** **2000-2005**, **2000-2005** **2000-2005** **2000-2005**.
- **2000-2005:** **2000-2005** **2000-2005** **2000-2005**, **2000-2005** **2000-2005** **2000-2005**.



- [illegible]

[illegible]

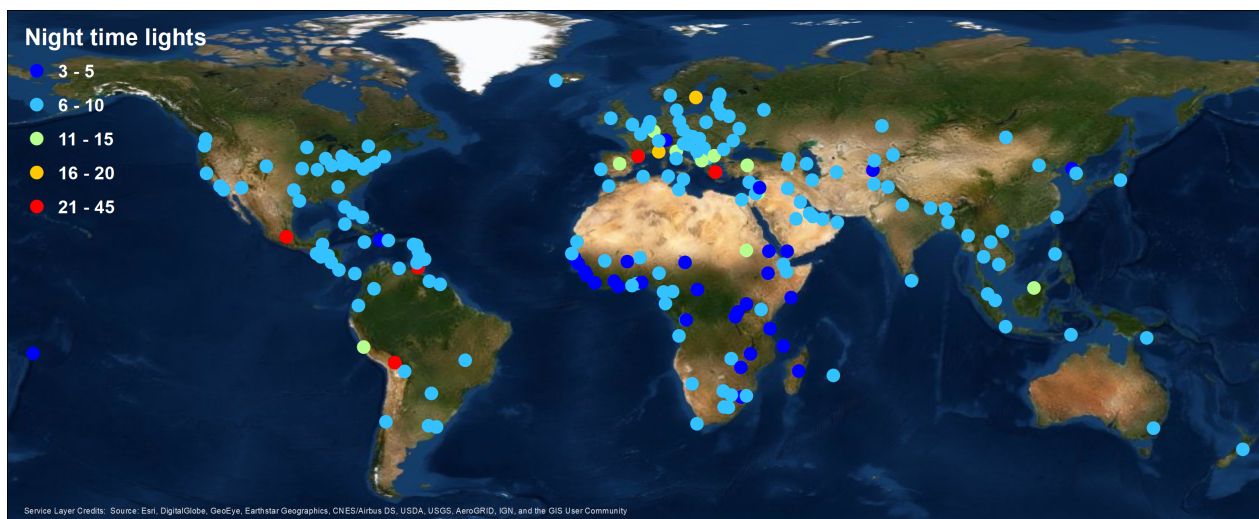
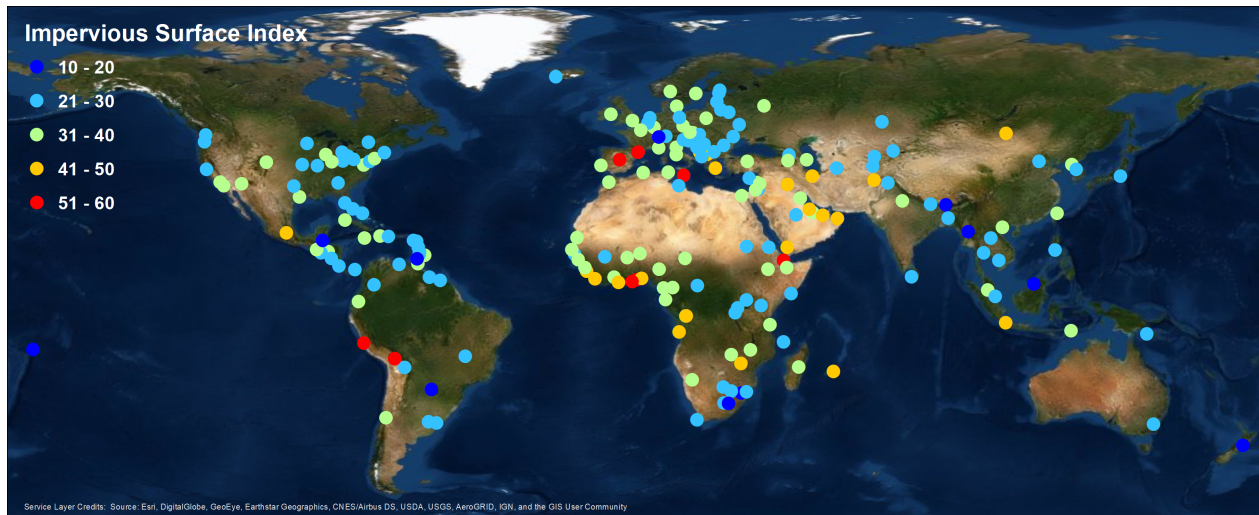
6. [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED].
[REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] «[REDACTED] [REDACTED]
[REDACTED]» [REDACTED] [REDACTED]. [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]. [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] «[REDACTED] [REDACTED]».

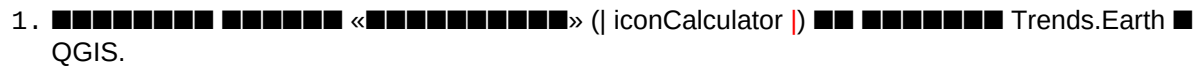
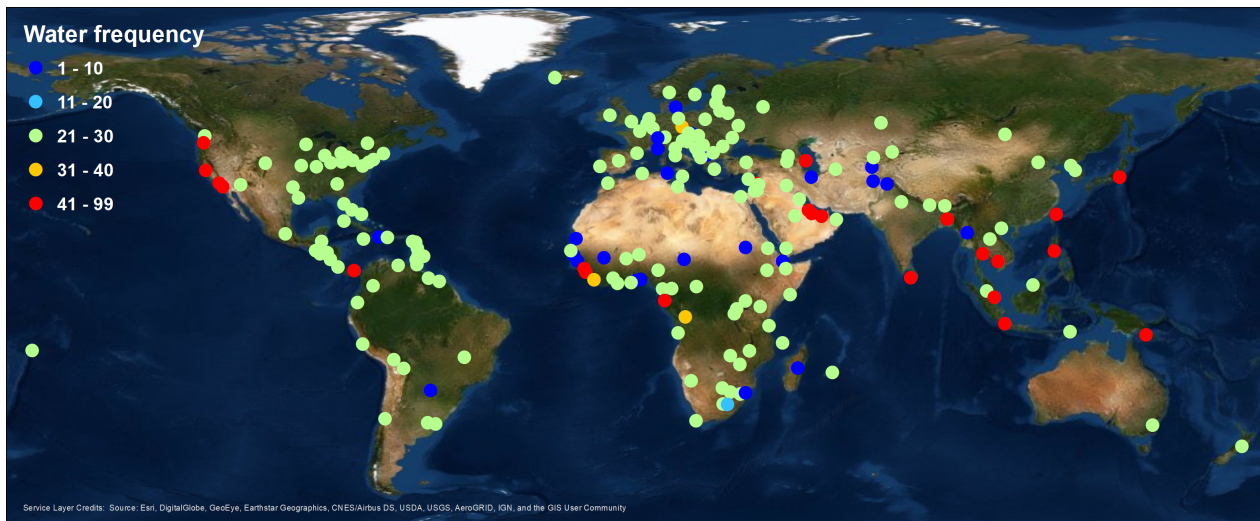
[illegible]

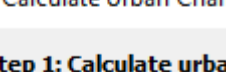
8. **THE UNDERSIGNED HEREBY CERTIFIES THAT THE INFORMATION CONTAINED IN THE ATTACHED**
DECLARATION IS TRUE AND CORRECT TO THE BEST OF HIS KNOWLEDGE AND BELIEF, AND THAT
HE IS AWARE THAT ANY FALSIFICATION OF INFORMATION MAY BE SUBJECT TO PROSECUTION
UNDER FEDERAL LAWS. THE UNDERSIGNED ALSO CERTIFIES THAT HE IS AWARE THAT ANY
VIOLATION OF THE PROHIBITION ON THE DISCLOSURE OF INFORMATION CONTAINED IN
THE ATTACHED DECLARATION MAY BE SUBJECT TO PROSECUTION UNDER FEDERAL LAWS.
THE UNDERSIGNED CERTIFIES THAT HE IS AWARE THAT ANY VIOLATION OF THE
PROHIBITION ON THE DISCLOSURE OF INFORMATION CONTAINED IN THE ATTACHED
DECLARATION MAY BE SUBJECT TO PROSECUTION UNDER FEDERAL LAWS.

□ □ □ □ □ □ □ □ □ □ □ □ □ □

224







Calculate Urban Change Indicators

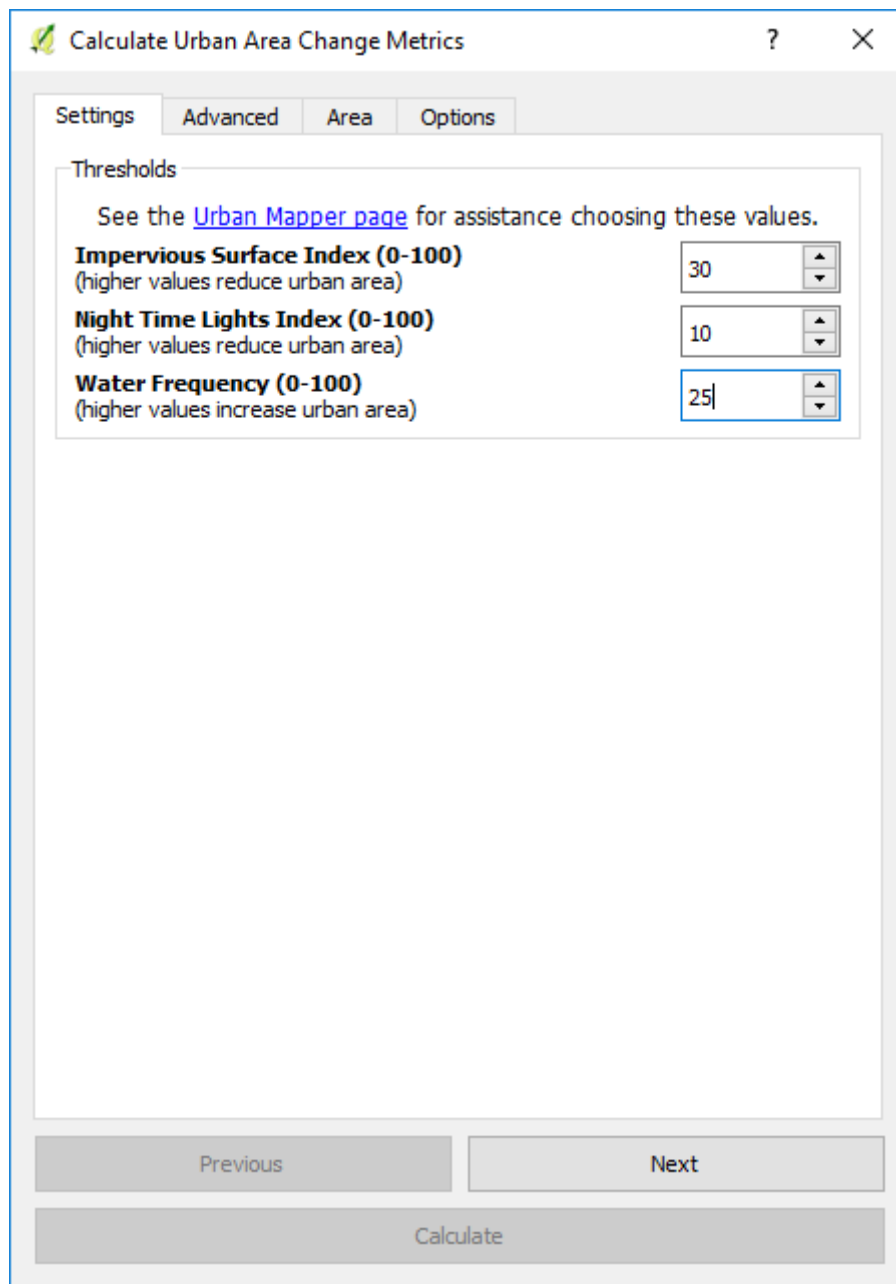
Step 1: Calculate urban change

Calculate urban change spatial layers

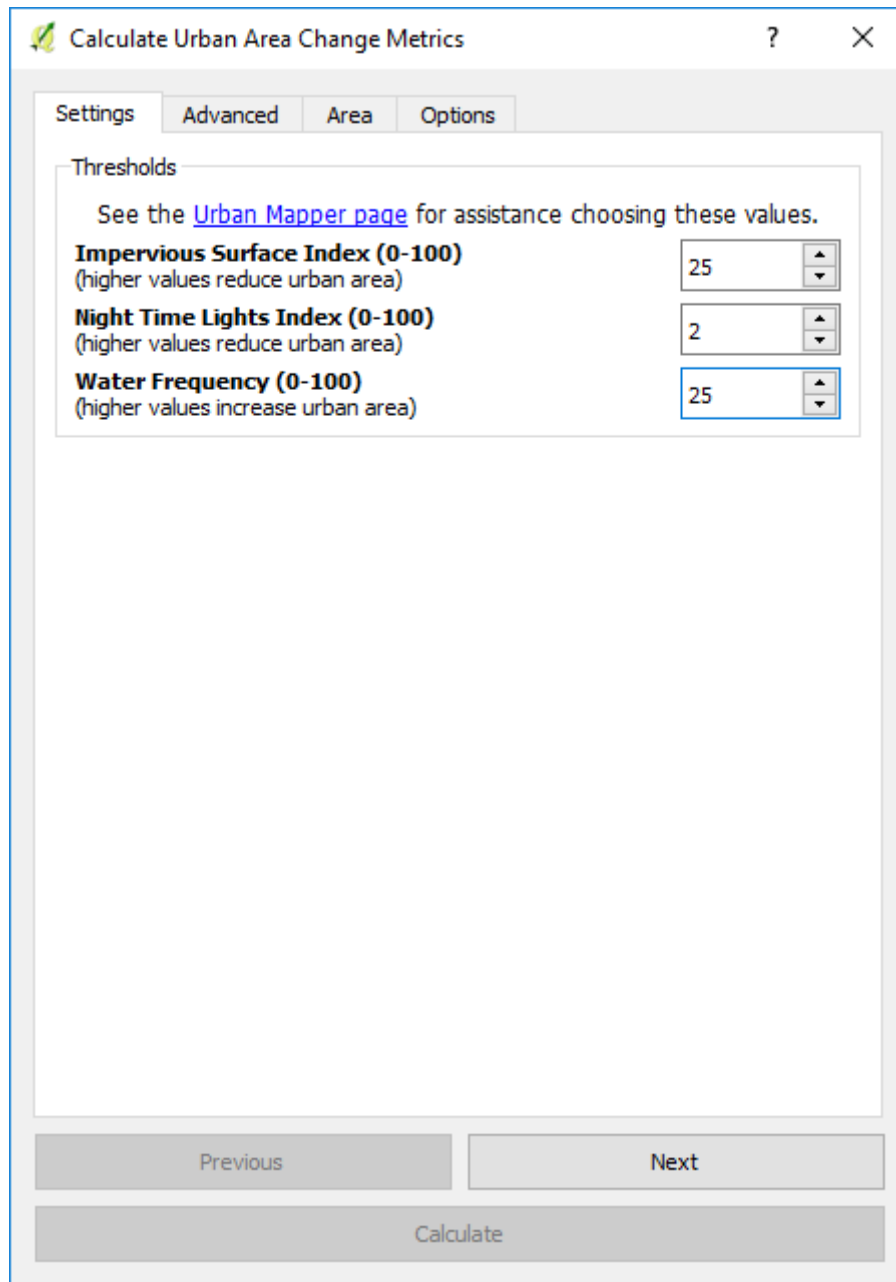
Step 2: Calculate urban change summary table

Calculate urban change summary table for city

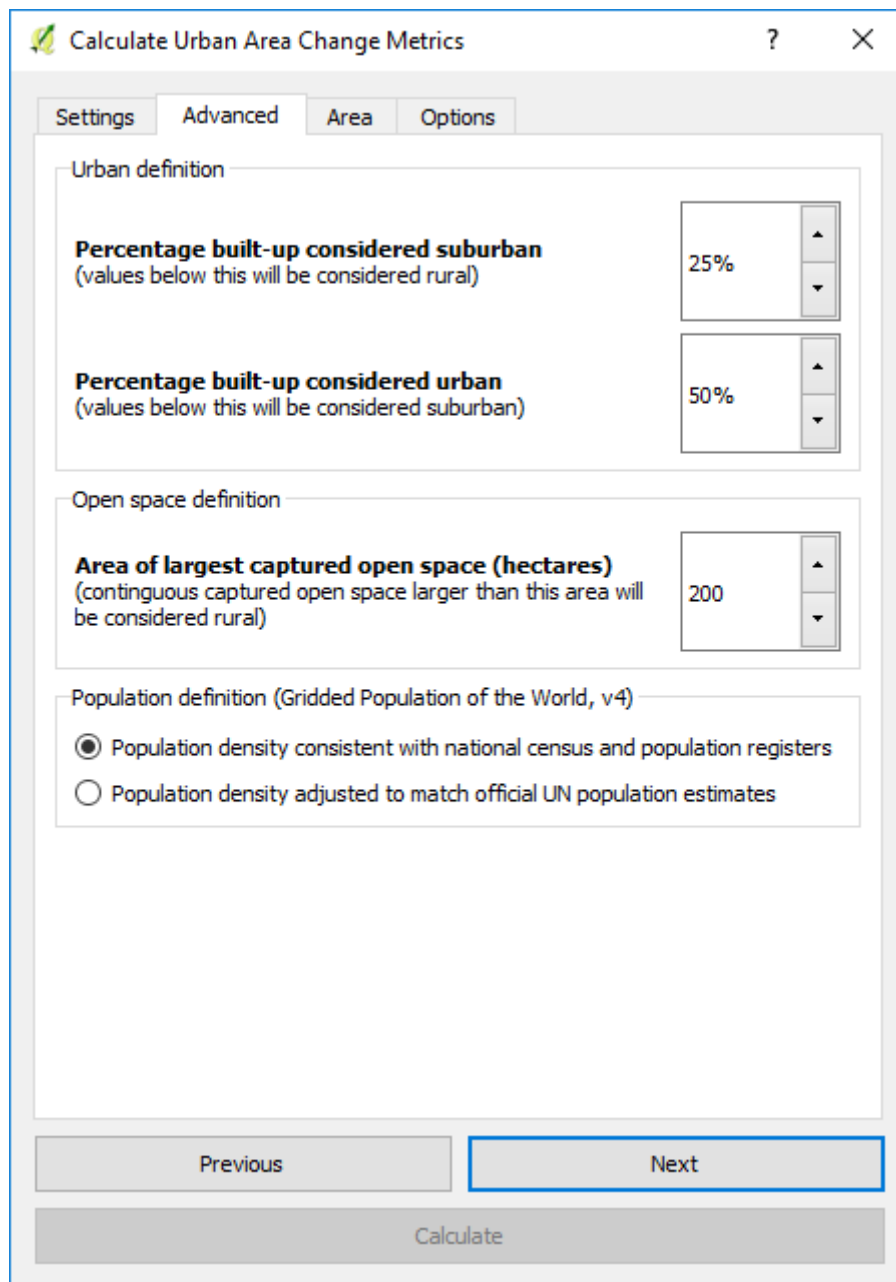
- 124



125



- 126

[illegible]

127

8. [REDACTED] «[REDACTED]» [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED].


Calculate Urban Area Change Metrics
?
×

Settings
Advanced
Area
Options

Metadata

Task name:

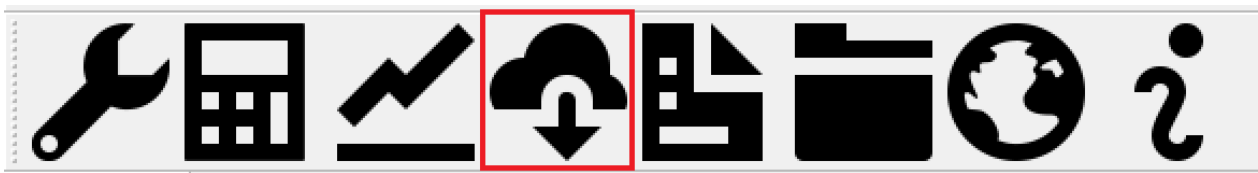
Notes:

Previous

Next

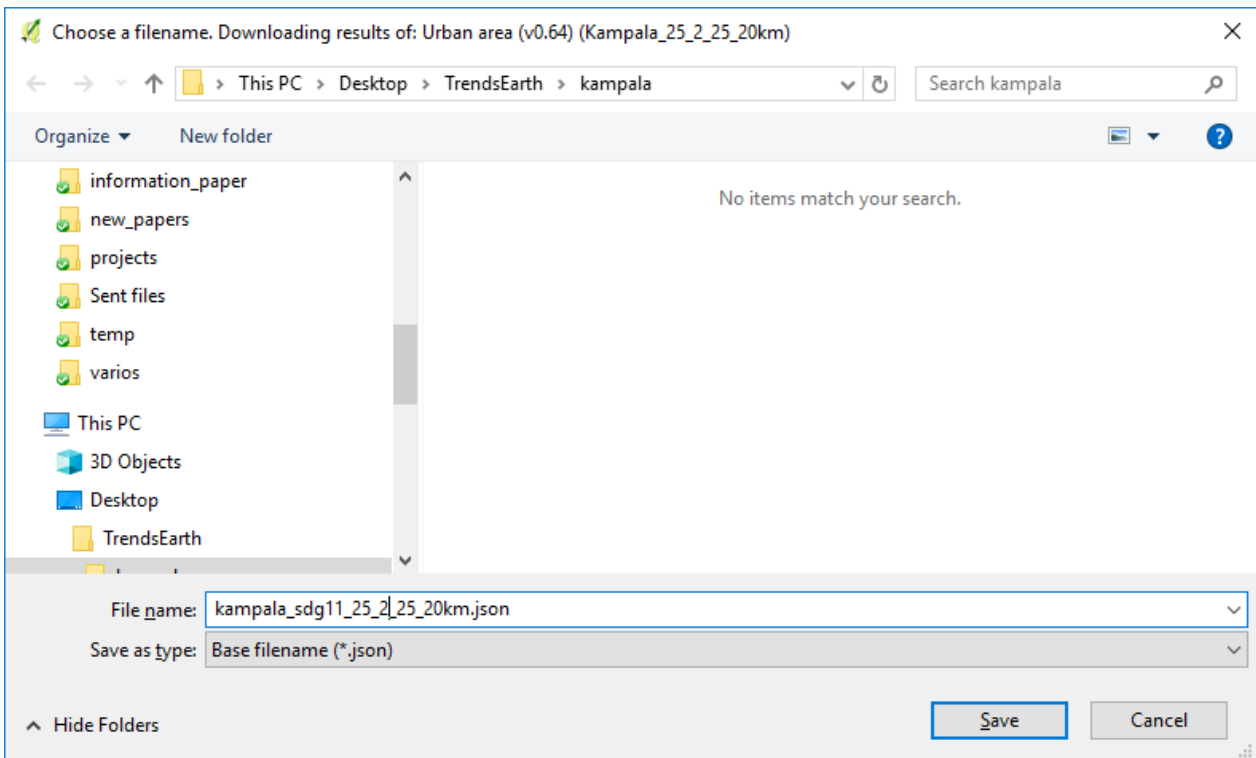
Calculate

129



Google Earth Engine 是一个基于云计算的地理信息处理平台，它允许用户通过简单的脚本操作大量的卫星遥感数据。该平台由 Google 开发，旨在降低地理信息科学的门槛，使研究人员能够轻松访问和处理海量的地球观测数据。Google Earth Engine 提供了强大的数据分析和可视化功能，支持多种遥感数据的集成和比较。用户可以通过编写 JavaScript 或 Python 脚本来执行复杂的地理空间分析任务，如土地利用变化检测、植被指数计算等。此外，该平台还支持实时数据流和交互式地图展示，极大地提升了地理信息研究的效率和准确性。

10 ■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■, ■■■■■■■■ ■■ ■■■■■■■■ ■ ■■■■■■■■ ■■■■■■■■
 . ■■■■■ ■■■■■■■■■ «■■■■■■■■■ ■■■■■■■■■■». ■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■■
 ■■■■■, ■ ■■■■■■■■ ■■ ■■■■■■■■■ ■■■■■■■■■ ■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■■ ■■■■■ ■
 ■■■■■■■■■■■■■■■■■■■■■ ■■■■ ■■■■.

[illegible]

■■■■■■■■ ■■■■■■■■

Calculate Urban Change Summary ... ? X

Input

Output

Area

Options

Urban series

Urban area change ▼

Load existing

Previous

Next

Calculate

5. ■■■■■: ■■■■■■■■ «■■■■■», ■■■■■ ■■■■■■■■ ■ ■■■■■ ■■ ■■■■■ ■■■■■■■■■■
■ ■■■■■■■■■■ ■■■■ json ■ ■■■■■■■■ ■ Excel.

■■■■■■■■ ■■■■■■■■

Calculate Urban Change Summary ... ? X

Input

Output

Area

Options

Output file for indicator layer

/kampala/kampala_sdg11_final.json

Browse

Output file for summary table

/kampala/kampala_sdg11_final.xlsx

Browse

Previous

Next

Calculate

6. ■■■■■■■■: ■■■■■■■■■■ ■■■■■■■■ ■■■■ ■■■■■■■■

□ □ □ □ □ □ □ □ □ □ □ □ □ □

Calculate Urban Change Summary ...

?

✕

Input

Output

Area

Options

Area to run calculations for

☒ Country / Region

First level

Uganda

Second level

☐ Region: All regions

☒ City: Kampala (Kampala)

Disclaimer: The provided boundaries are from [Natural Earth](#), and are in the [public domain](#). The boundaries and names used, and the designations used, in Trends.Earth do not imply official endorsement or acceptance by Conservation International Foundation, or by its partner organizations and contributors.

☐ Area from file

Click "Browse" to choose a file...

Browse

☒ Apply a buffer to the chosen area

Buffer size (kilometers): 20.0

Previous

Next

Calculate

7. **Geometrische Daten:** Geometrische Daten werden als Polygone oder Linien gespeichert. Die Geometrie wird durch die Koordinaten der Eckpunkte definiert. Die Geometrie ist mit einem WGS84-Koordinatensystem verknüpft.

□ □ □ □ □ □ □ □ □ □ □ □ □ □

Calculate Urban Change Summary ... ? X

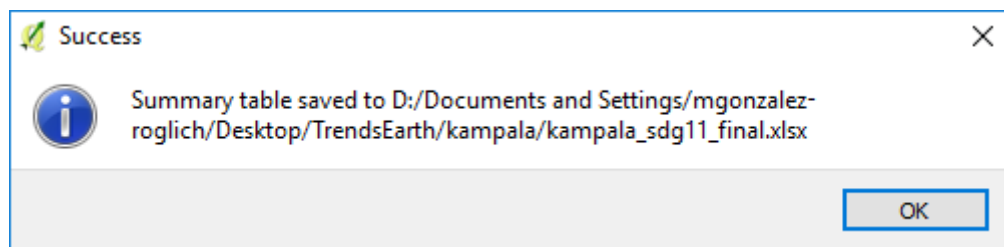
Input	Output	Area	Options
Metadata Task name: kampala_sdg11 Notes:			

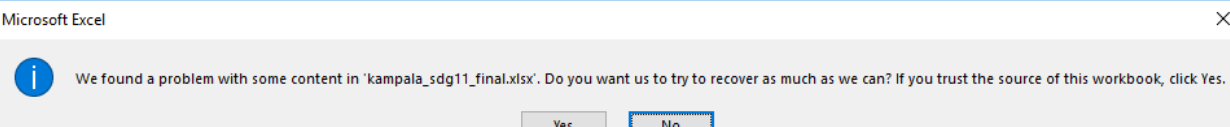
Previous

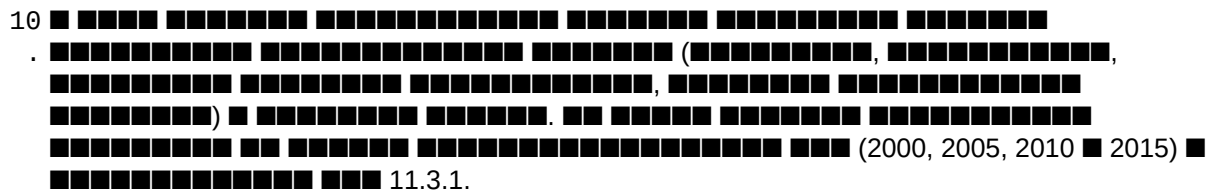
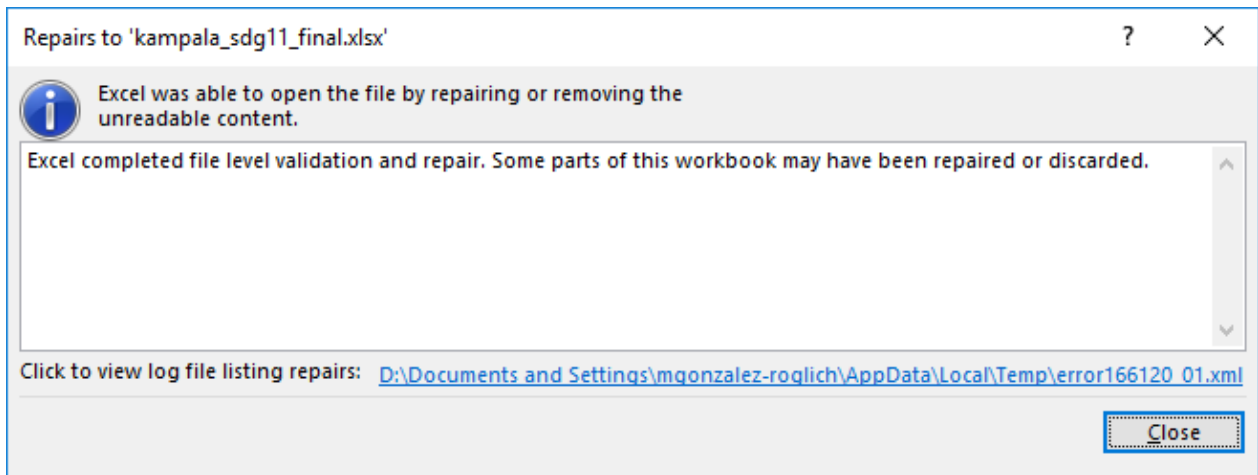
Next

Calculate

8. _____: _____
_____ «___».

[illegible]

[illegible]



Note

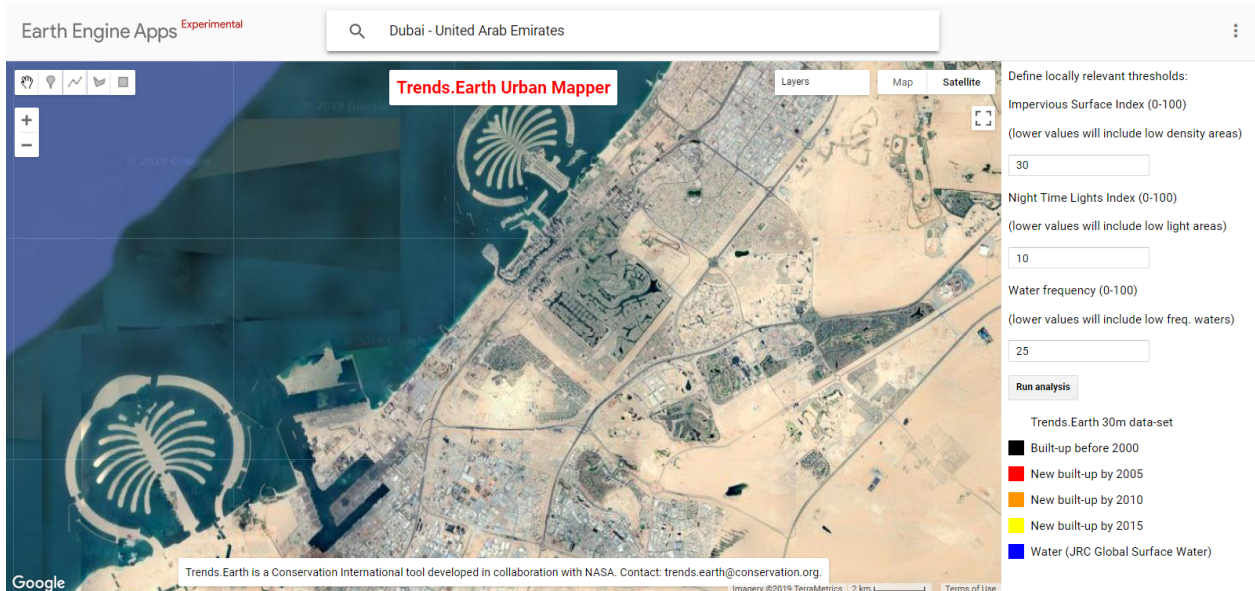
Тема: «Городская среда и ее изменение». Цель: «Изучить, как городская среда меняется со временем, и какие факторы на это влияют». Задача: «Собрать информацию о том, как городская среда меняется со временем, и какие факторы на это влияют». Результат: «Сформировать представление о том, как городская среда меняется со временем, и какие факторы на это влияют». Срок: 30 минут. Место: «Городская среда и ее изменение».

Тема: «Городская среда и ее изменение».

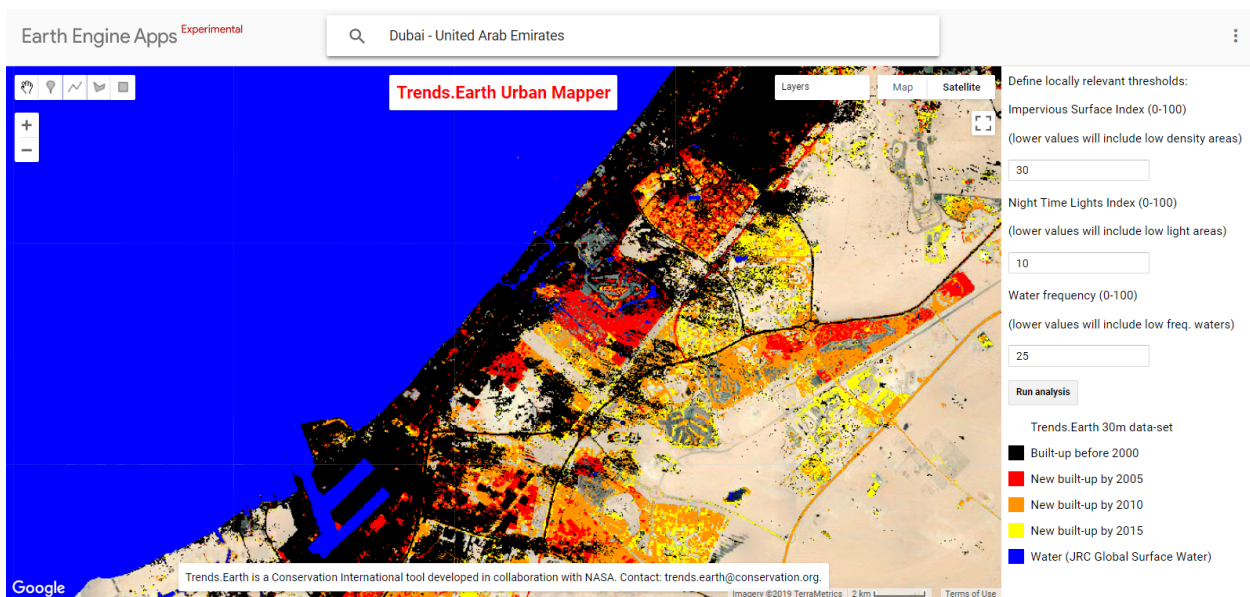
Цель: «Изучить, как городская среда меняется со временем, и какие факторы на это влияют». Задача: «Собрать информацию о том, как городская среда меняется со временем, и какие факторы на это влияют». Результат: «Сформировать представление о том, как городская среда меняется со временем, и какие факторы на это влияют». Срок: 30 минут. Место: «Городская среда и ее изменение».

Цель: «Изучить, как городская среда меняется со временем, и какие факторы на это влияют». Задача: «Собрать информацию о том, как городская среда меняется со временем, и какие факторы на это влияют». Результат: «Сформировать представление о том, как городская среда меняется со временем, и какие факторы на это влияют». Срок: 30 минут. Место: «Городская среда и ее изменение».

Цель: «Изучить, как городская среда меняется со временем, и какие факторы на это влияют». Задача: «Собрать информацию о том, как городская среда меняется со временем, и какие факторы на это влияют». Результат: «Сформировать представление о том, как городская среда меняется со временем, и какие факторы на это влияют». Срок: 30 минут. Место: «Городская среда и ее изменение».



Цель: «Изучить, как городская среда меняется со временем, и какие факторы на это влияют». Задача: «Собрать информацию о том, как городская среда меняется со временем, и какие факторы на это влияют». Результат: «Сформировать представление о том, как городская среда меняется со временем, и какие факторы на это влияют». Срок: 30 минут. Место: «Городская среда и ее изменение».



Earth Engine Apps

Experimental

+

-

Layers

Map

Satellite

Trends.Earth Urban Mapper

Define locally relevant thresholds:

Impervious Surface Index (0-100)

(lower values will include low density areas)

Night Time Lights Index (0-100)

(lower values will include low light areas)

Water frequency (0-100)

(lower values will include low freq. waters)

Run analysis

Trends.Earth 30m data-set

Built-up before 2000

New built-up by 2005

New built-up by 2010

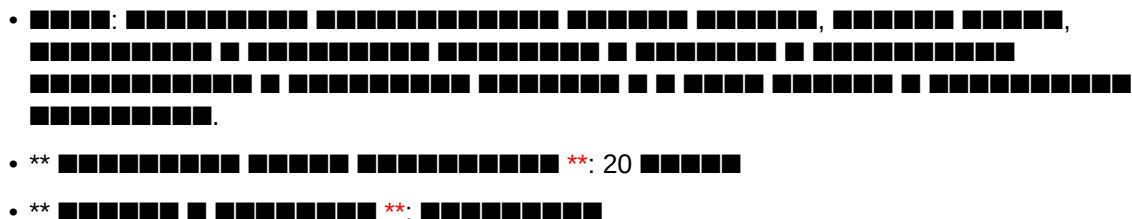
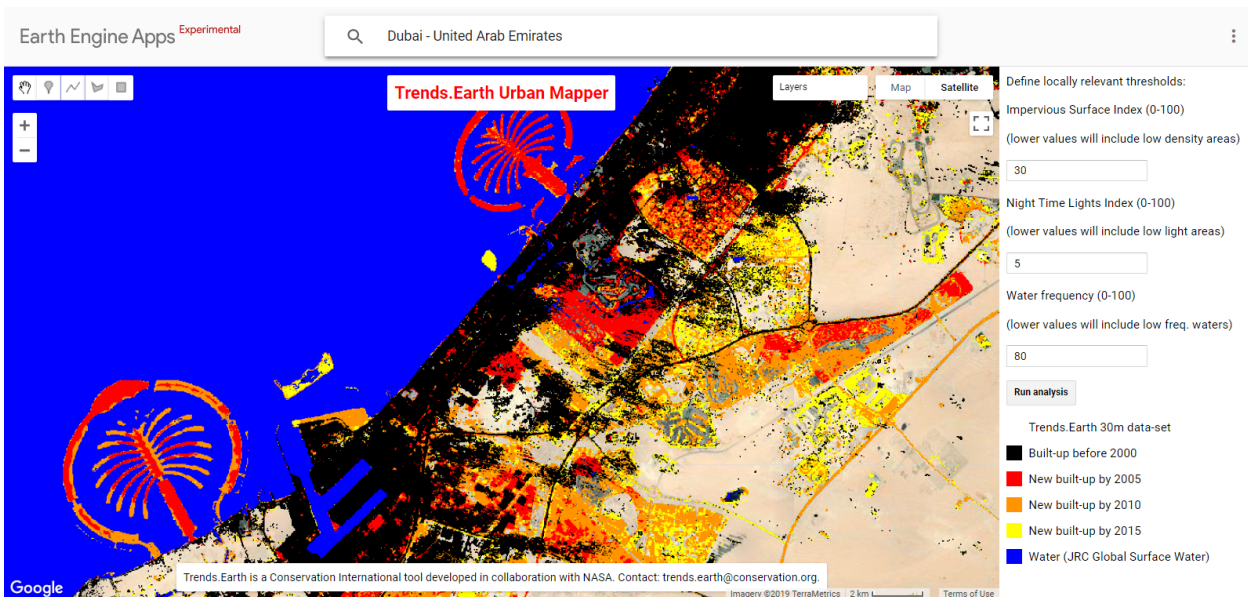
New built-up by 2015

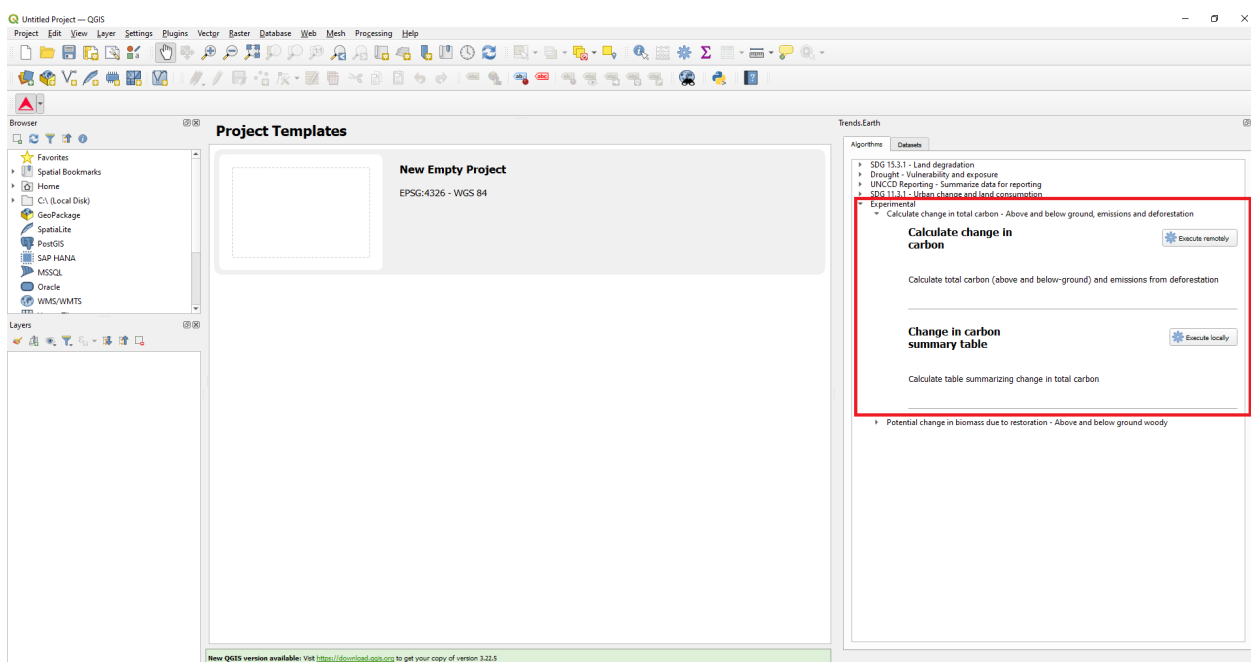
Water (JRC Global Surface Water)

Google

Trends Earth is a Conservation International tool developed in collaboration with NASA. Contact: trends.earth@conservation.org

140

[illegible]



-

3. [REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED]. [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED]. [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED]

**XXXXXXXXXXXX XXXXXXXX XXXXXXXX XXXXX XXXXXXXXXXXX, XXXXXX XXXXXXXX
XXXXXXXXXXXX, XXXXXXXXXXXXXXX XXXXXXXXXXX.**

[illegible]

-
- Change region

[illegible]

■■■■■■■■■■ ■■■■■■■■■■

■■■■ ■■■■■■■■■■ ■■ ■■■■■■■■■■ Conservation International Foundation, ■■ ■■■■■■■■■■ ■■■■■■■■■■ ■ ■■■■■■■■■■.

■■■■ ■■ ■■■■■■■■■■■■ Trends.Earth ■■■■ ■■■■■■■■■■■■ ■■■■■■, ■■■■■■■■■■■■ ■■■■■■■■■■■■ ■■■■■■■■■ ■■■■■■■■■■■■ ■■■■■■■■■ ■■■■■■■■■■■■ ■■■■■■■■■■.

- ■■■■■■■■■■■■ ■■■■ ■■■■■■■■■■■■ ■■■■ ■■■■■■■■■■: ■■■■ ■■ ■■■■■■ ■■■■■■■■■■■■ ■■■■ ■■■■■■■■■■■■ ■■■■■■■■■■■■ ■■■■■■■■■■■■, ■■■■■■■■■■■■, ■■■■ ■■■■■■ ** ■■■■■■■■■■ ■■ ■■■■■■ ** ■■■■■■■■■■. ■■■■■■ ■■■■■■■■■■ ** ■■■■■■ ** ■■■■■■■■■■ ■ ■■■■■■ ■■ ■■■■■■ ■■■■■■■■■■■■, ■■■■ ■■■■■■■■■■ ■■■■.

5. ■■■■■■■■■■ ■■■■■■■■■■■■ ■■■■ ■ ■■■■■■■■■■■■ ■■■■ ■■■■■■■■■■

■■■■■■■■■ ■■■■ ■■■■■■■■■■■■ ■■■■■■■■■■■■, ■■■■■■ ■■■■■■■■■■ ■■■■■■ ■■ ■■■■■■■■■■ ■ ■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■■■ ■■■■■■■■ ■ ■■■■■■■■■■ (■■■■■■■■■■■ ■■■■■■■■■■). ■■■■■■■■■■ ■■■■■■■■■■■■ ■■■■■■■■■■■■ ■■■■■■■■■■■■.

Carbon Change | Total Carbon

Period

☒ Hansen et. al. Global Forest Change product (30 m resolution)

Initial year:

2001

Target year:

2020

Percent tree cover considered forest

30%

Current region: nigeria-edo

Change region

Execution name:

NGA_Edo_Deforestation_30pct_cc_01_20_WHRC_Mokany

Notes:

WHRC 30m
Mokany Root to shoot
2001-2020
30%

Advanced configuration

Aboveground biomass dataset

☒ Woods Hole Research Center (30 m resolution)

☐ GEOCARBON (1 km resolution, global)

☐ Custom dataset - COMING SOON!

Method for calculation of root to shoot ratio

☒ Mokany et al. 2006

☐ IPCC

Change in Total Carbon

Algorithm for calculation above and below ground emissions from deforestation

Schedule remote execution

Cancel

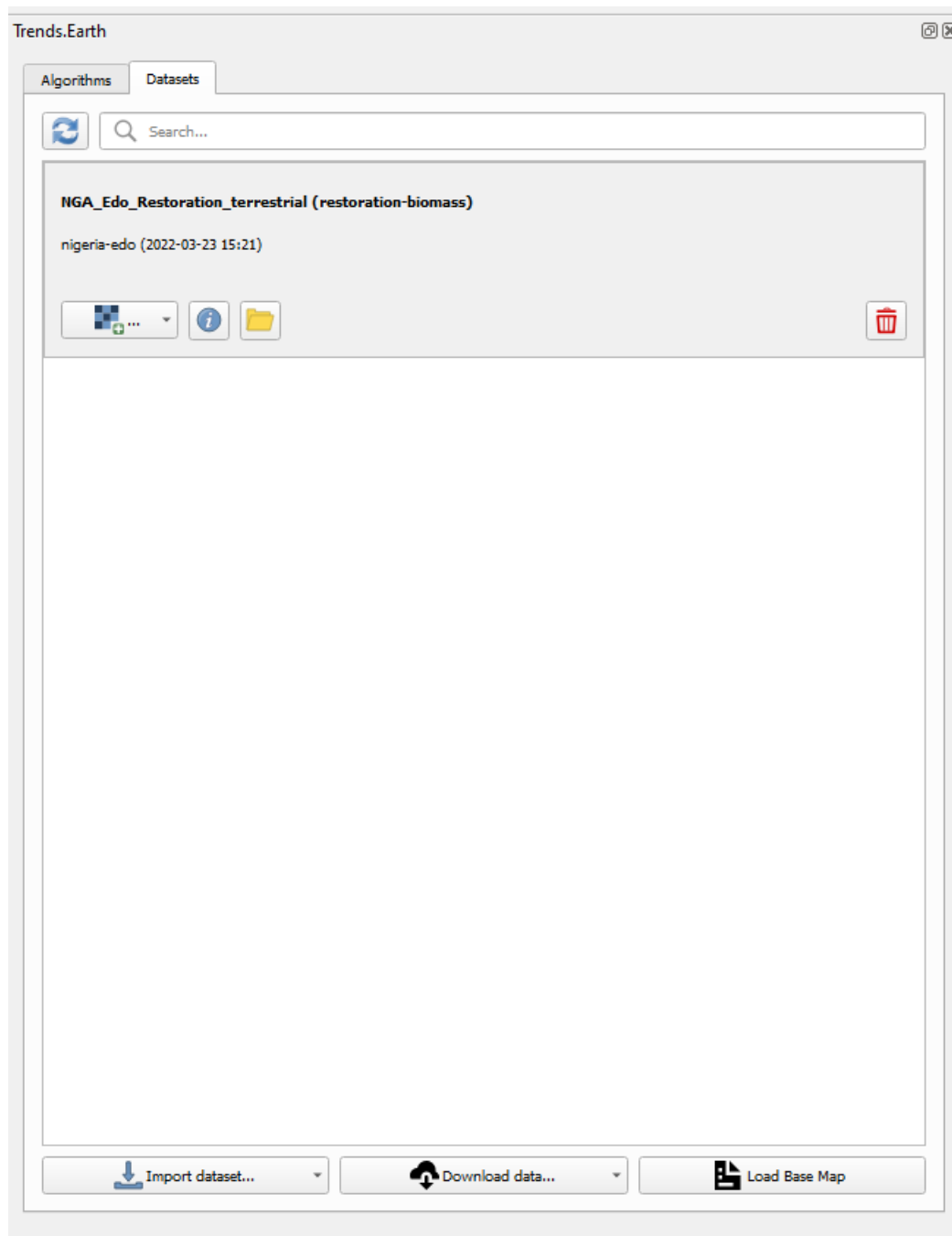
Help

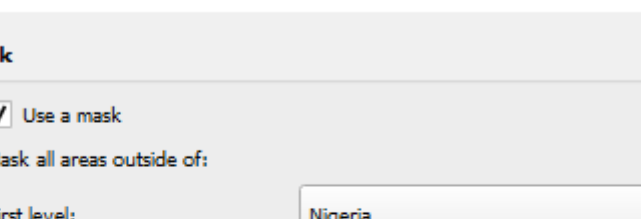
■■■■■■■■ ■■■■■■■■

6. ■■■■■■■■ ■■■■■■■■■■ ■■■■■■■ ■■■■■■■, ■■■■■■■■■■, ■■■ ■■■■■■■■ ■■■■■ ■■■■■■■■ ■■■■■■■■■■. ■■■■■■■ ■■■■■ ■■■■■■■■■■ ■■ ■■■■■■■■■■ Google ■ ■■■■■ ■■■■■■■ ■■ 5 ■■ 15 ■■■■■ ■ ■■■■■■■■■■■■ ■■ ■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■ (■■■■■■■■ ■■■■■■■■, ■■■ ■■■■■■■■, ■■■■■■■■ ■■■■■■ ■■■■■■■■).

■■■■■■■■■■ ■■■■■■■■ ■■■■■■■■ ■■■■■■■■

1. ■■■■■■■■■■ ■■ ■■■■■■■■ ■■■■■■■ ■■■■■■■, ■■■■■ ■■■■■■■■■■ ■■■■ ■■ ■■■■■■■■■■ ■■ ■■■■■ ■■■■■■■■ ■■■■■■■ ■■ ■■■■■■.





Add basemap

Mask

☒ Use a mask

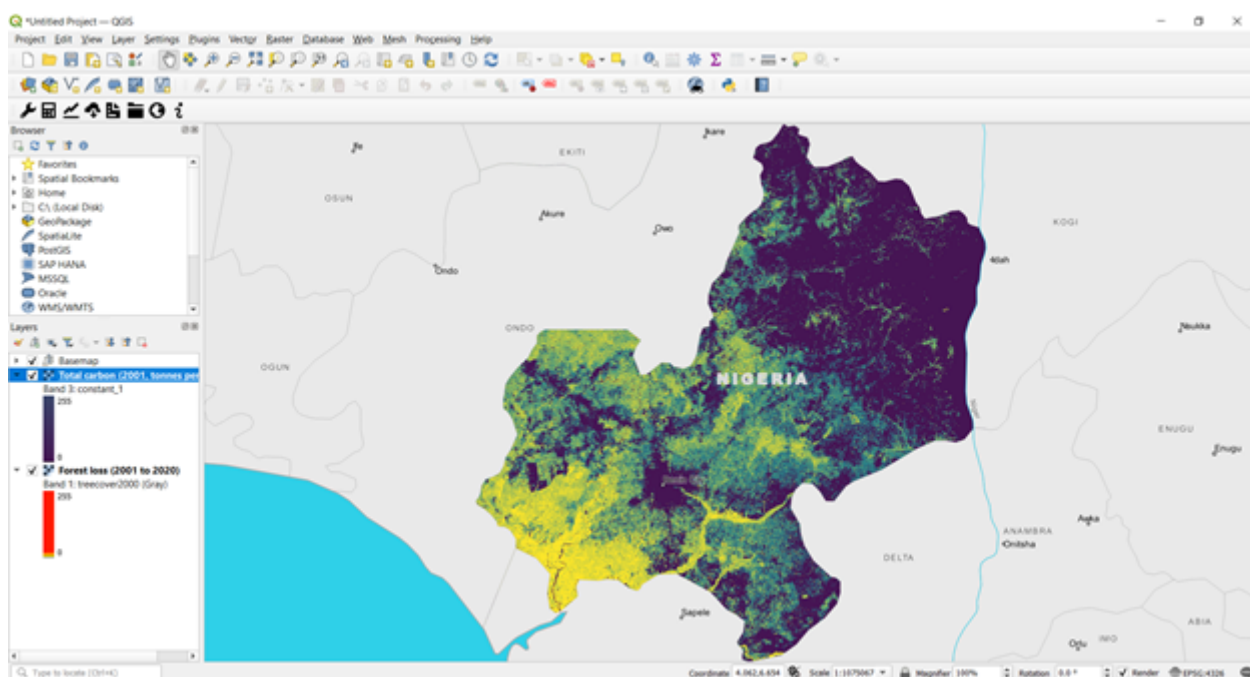
Mask all areas outside of:

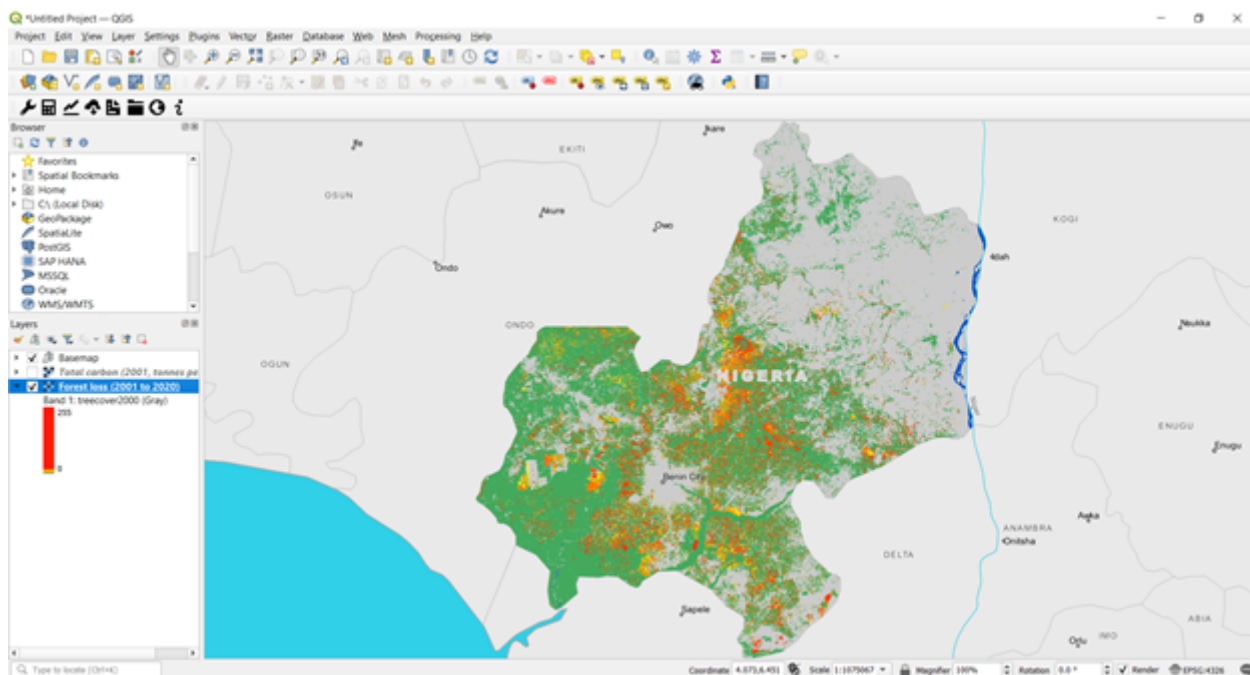
First level: Nigeria

Second level: Edo

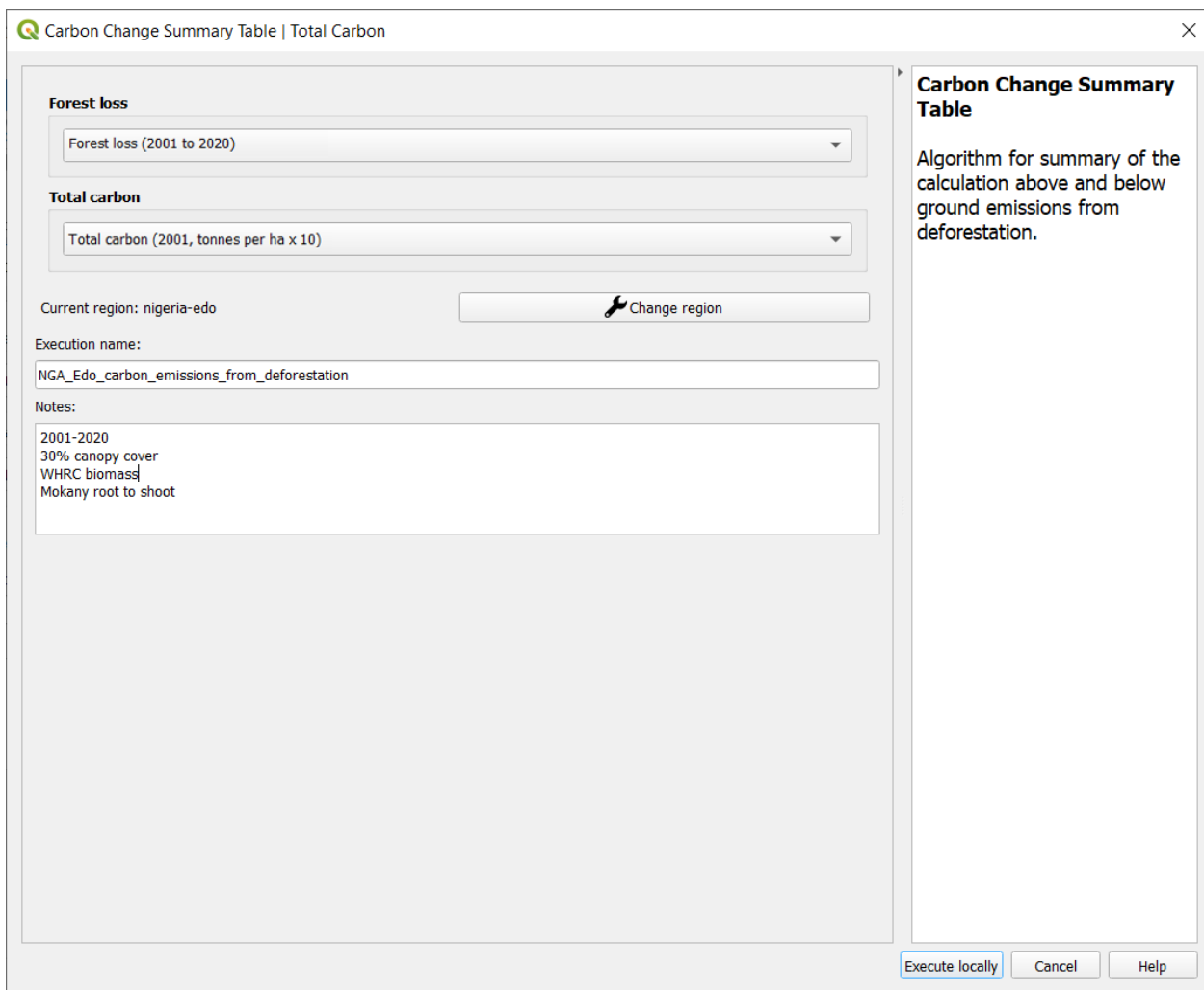
Disclaimer: The provided boundaries are from [Natural Earth](#), and are in the [public domain](#). The boundaries and names used, and the designations used, in trends.earth do not imply official endorsement or acceptance by Conservation International Foundation, or by its partner organizations and contributors.

OK Cancel

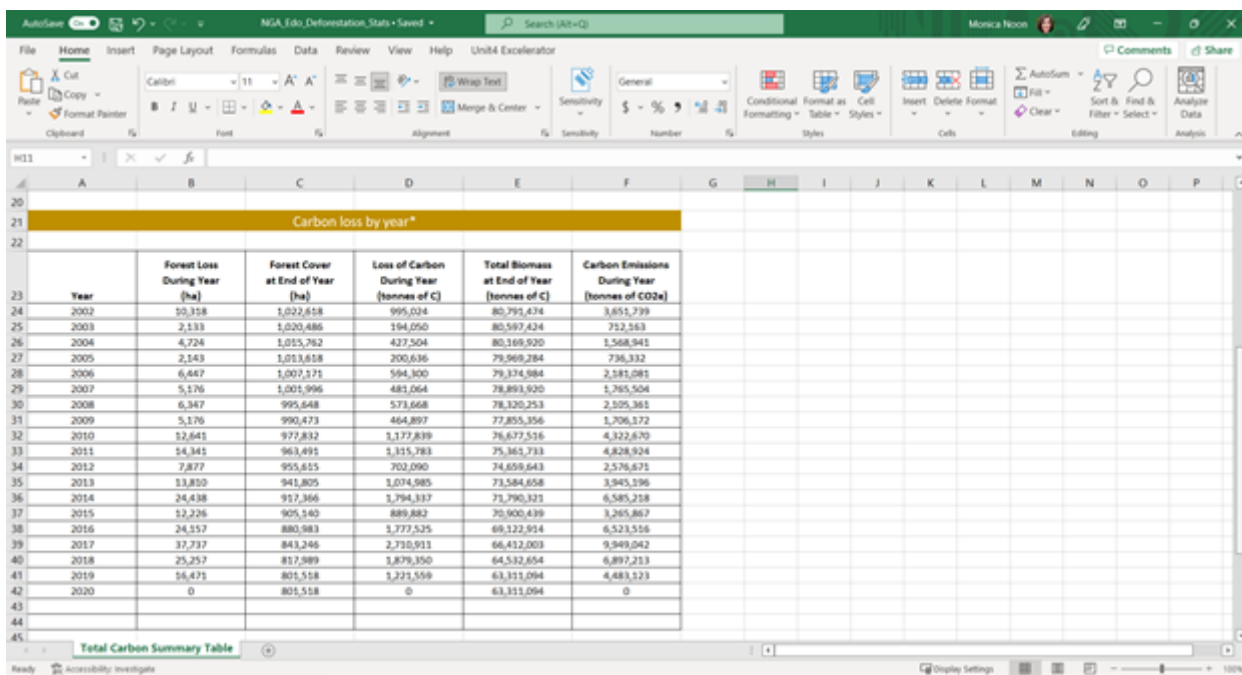
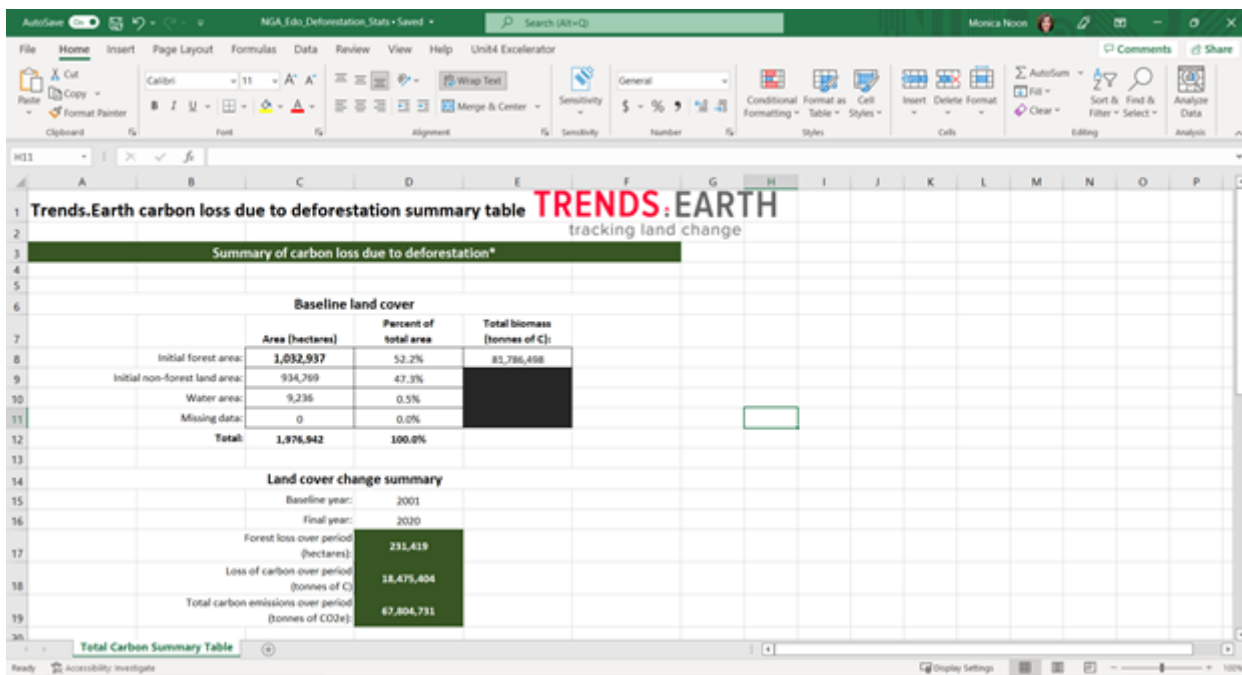


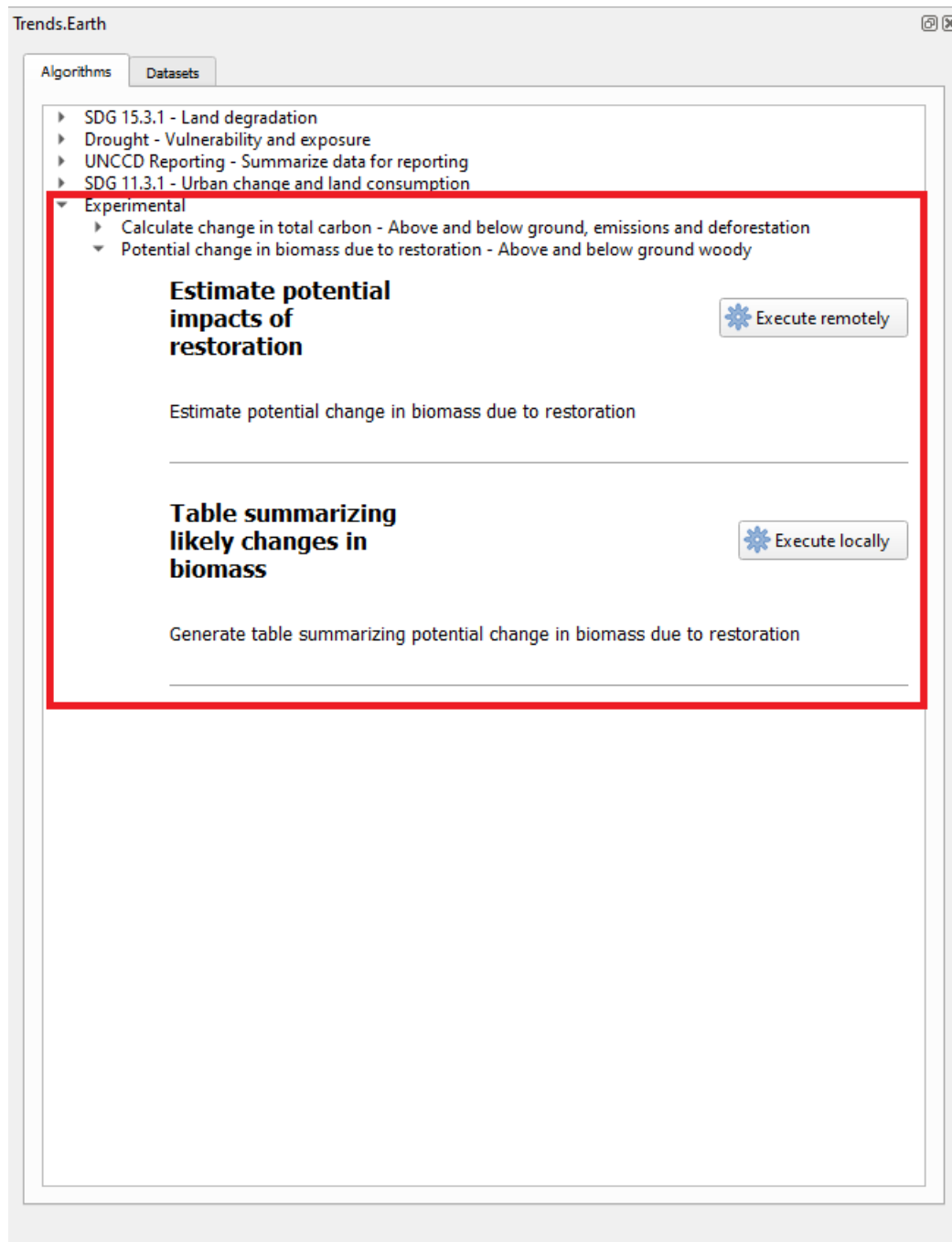


- 146



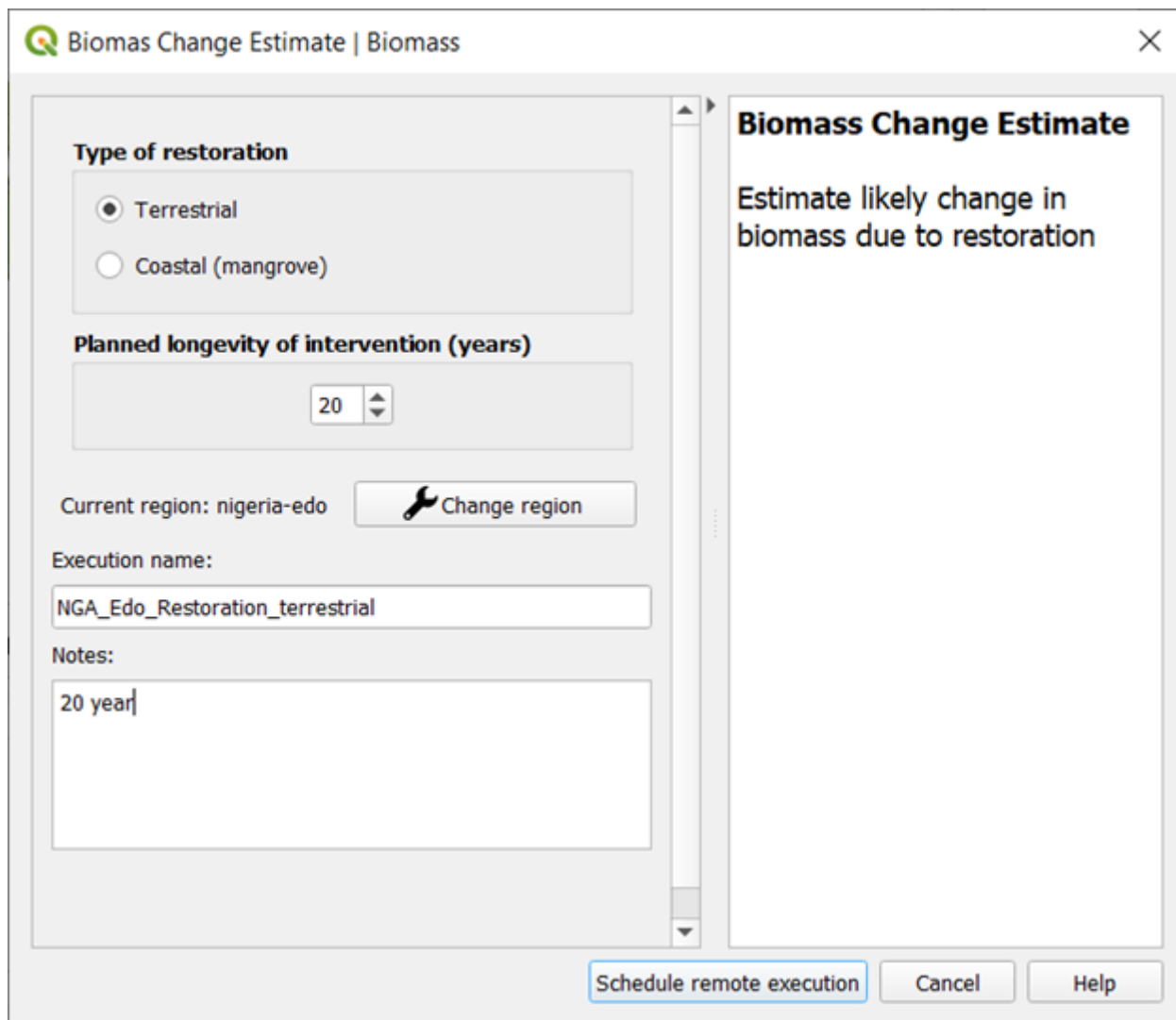
- 147





- 

- 150



 [Change region](#)

 geoBoundaries, Trends.Earth.
 This work is licensed under a Creative Commons Attribution 4.0 International License. Trends.Earth
 For more information, see <https://creativecommons.org/licenses/by/4.0/>.
 This work is licensed under a Creative Commons Attribution 4.0 International License. Trends.Earth
 For more information, see <https://creativecommons.org/licenses/by/4.0/>.
 This work is licensed under a Creative Commons Attribution 4.0 International License. Trends.Earth
 For more information, see <https://creativecommons.org/licenses/by/4.0/>.

151

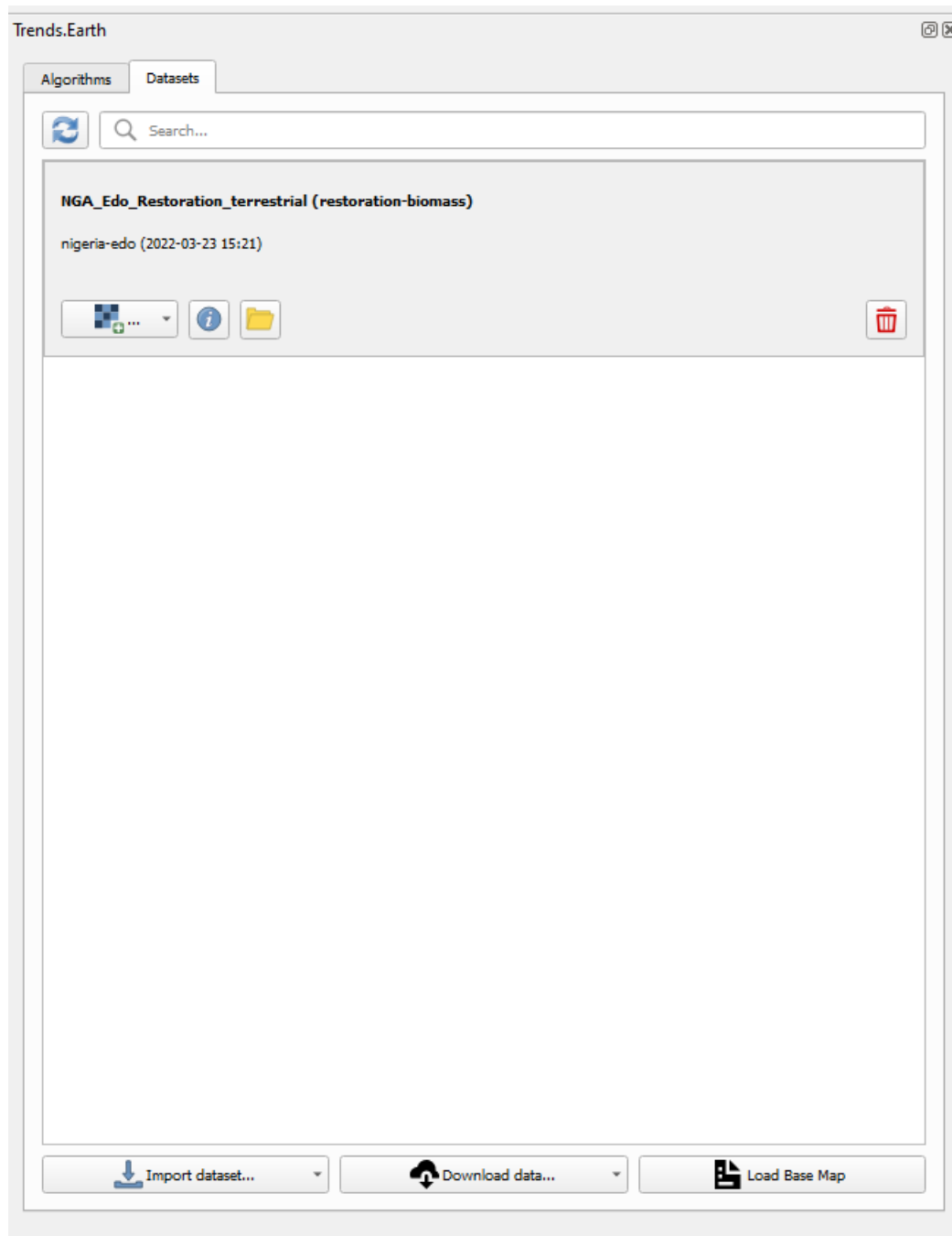
• [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]: [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED], [REDACTED], [REDACTED]
[REDACTED] ** [REDACTED] [REDACTED] ** [REDACTED]. [REDACTED] [REDACTED] ** [REDACTED] **
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]. [REDACTED] [REDACTED]

[illegible]

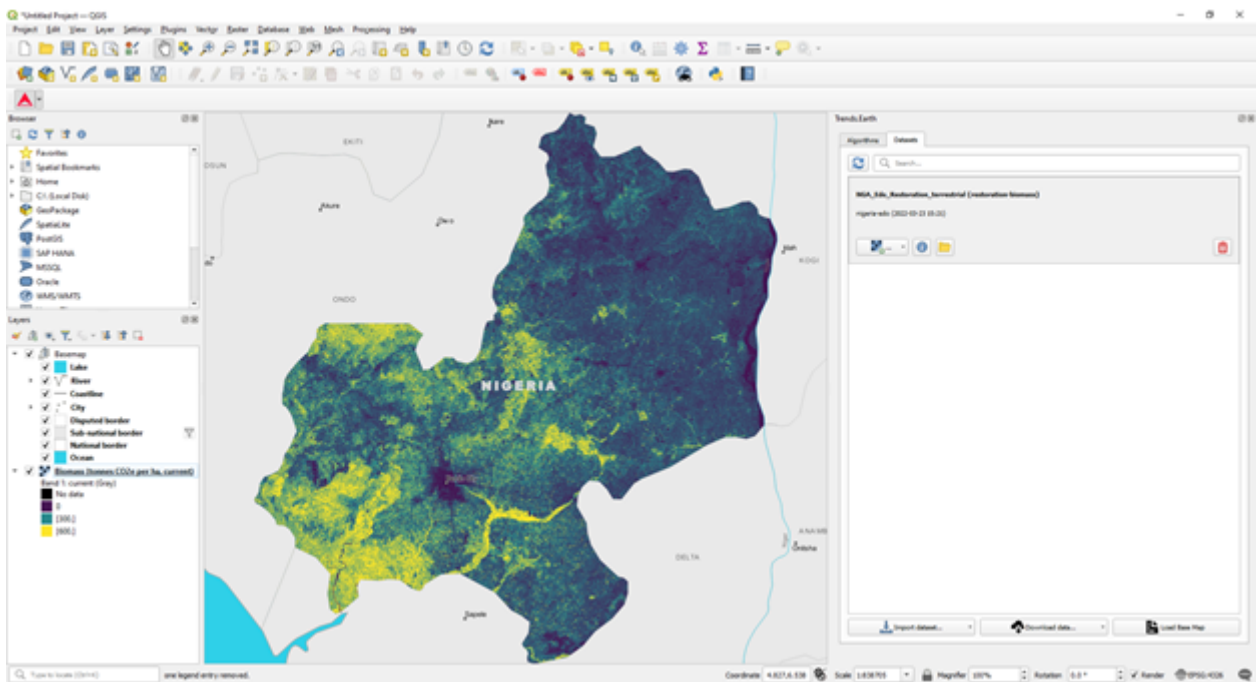
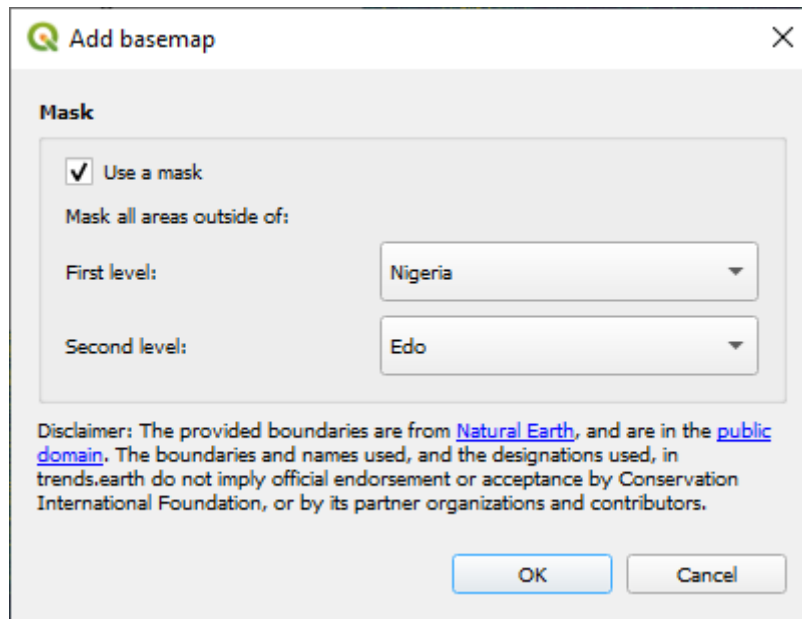
6. ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■, ■■■■■■■■■■, ■■■ ■■■■■■■■■■ ■■■■ ■■■■■■■■■■ ■■■■■■■■■■. ■■■■■■■■■■ ■■■■■ ■■■■■■■■■■ ■■ ■■■■■■■■■■ Google ■ ■■■■■ ■■■■■■■■ ■■ 5 ■■ 15 ■■■■■ ■ ■■■■■■■■■■■■ ■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ (■■■■■■■■■ ■■■■■■■■■■, ■■■■ ■■■■■■■■■■, ■■■■■■■■■■ ■■■■■■■■ ■■■■■■■■■■).



1. **Будет ли введена новая система оплаты труда для работников, занятых на объектах капитального строительства?**



- [illegible]



3. **Download the land cover data from Trends.Earth to QGIS, and use the 'Add basemap' dialog box to mask the map to the area of interest (Nigeria).**

Biomass Change Summary | Biomass

Biomass change

NGA_Edo_Restoration_terrestrial - nigeria-edo - Biomass (tonnes CO2e per ha, current) - 2022-03-23 15:21

Current region: nigeria-edo

Change region

Execution name:

NGA_Edo_Restoration_potential_stats

Notes:

20 year
Terrestrial

Biomass Change Summary

Summarize likely change in Biomass due to restoration

Execute locally

Cancel

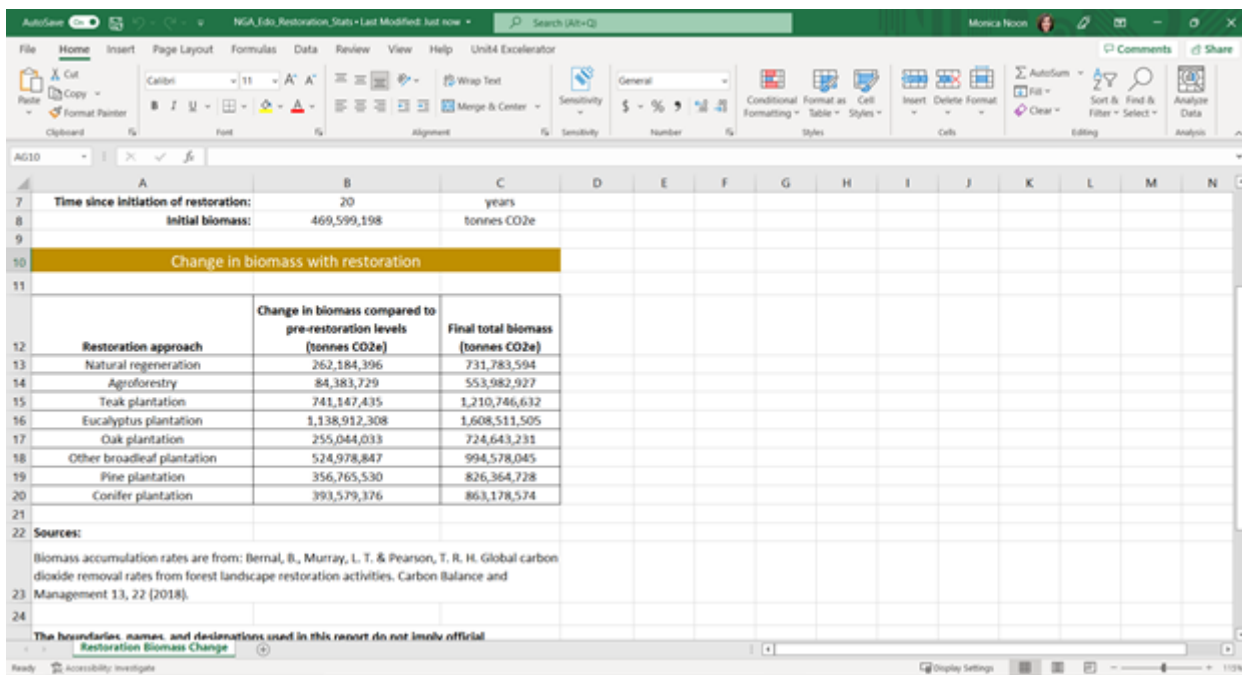
Help

4. **Download the Trends.Earth potential carbon removals from restoration summary table**. This table provides a summary of the potential carbon removals from restoration for the chosen area of interest. The table is organized into three main sections: Summary of chosen area of interest, Change in biomass with restoration, and a table of restoration approaches. The Summary of chosen area of interest section provides information on the total area of the polygon, the time since initiation of restoration, and the initial biomass. The Change in biomass with restoration section provides information on the change in biomass compared to pre-restoration levels and the final total biomass. The table of restoration approaches provides information on the potential carbon removals for different restoration approaches, including Natural regeneration, Agroforestry, Teak plantation, Eucalyptus plantation, Oak plantation, and Other broadleaf plantation.

Download the Trends.Earth potential carbon removals from restoration summary table. This table provides a summary of the potential carbon removals from restoration for the chosen area of interest. The table is organized into three main sections: Summary of chosen area of interest, Change in biomass with restoration, and a table of restoration approaches. The Summary of chosen area of interest section provides information on the total area of the polygon, the time since initiation of restoration, and the initial biomass. The Change in biomass with restoration section provides information on the change in biomass compared to pre-restoration levels and the final total biomass. The table of restoration approaches provides information on the potential carbon removals for different restoration approaches, including Natural regeneration, Agroforestry, Teak plantation, Eucalyptus plantation, Oak plantation, and Other broadleaf plantation.

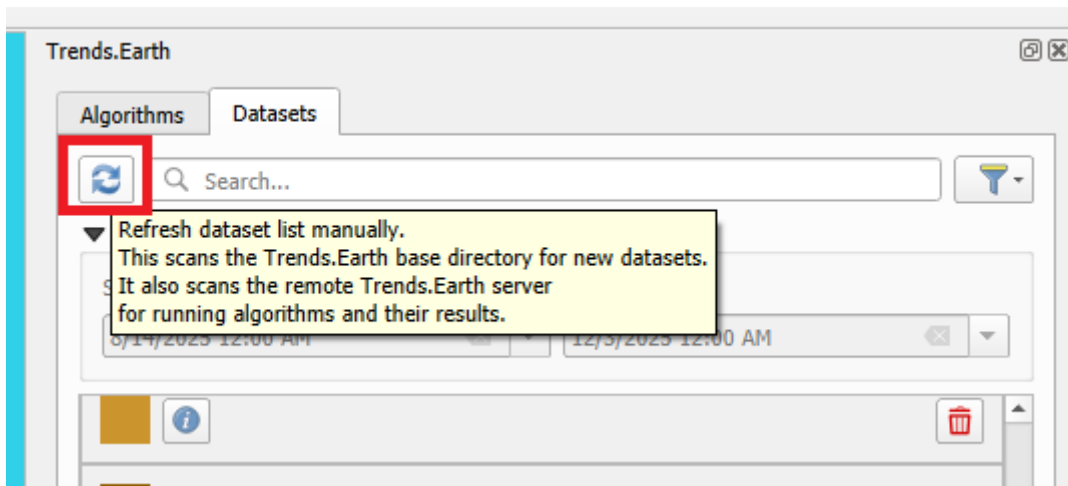
Trends.Earth potential carbon removals from restoration summary table			TRENDS.EARTH tracking land change	
Summary of chosen area of interest				
Total area of polygon:	Value	Units		
Time since initiation of restoration:	20	years		
Initial biomass:	469,599,198	tonnes CO2e		
Change in biomass with restoration				
Restoration approach	Change in biomass compared to pre-restoration levels (tonnes CO2e)	Final total biomass (tonnes CO2e)		
Natural regeneration	262,184,396	731,783,594		
Agroforestry	84,383,729	553,982,927		
Teak plantation	741,147,435	1,210,746,632		
Eucalyptus plantation	1,138,912,308	1,608,511,505		
Oak plantation	255,044,033	724,643,231		
Other broadleaf plantation	524,978,847	994,578,045		

155



XXXXXXXXXX X XXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX, XXXXXX XXXXXXX
XXXXXXXXX X XXXXXXXXXXXXXXXXXXXXXXX.

- 156



- Trends.Earth

Algorithms | **Datasets**

Search...

☐ Filter by date

Start: 8/14/2025 12:00 AM End: 12/3/2025 12:00 AM

Dataset Name	Local Land Cover	Metadata
Bahamas_LC_change_2000-2023 (local-land-cover)	bahamas-all-regions-buffer-10.000 (2025-11-18 18:11)	
Land cover (2023, imported) (local-land-cover)	bahamas-all-regions-buffer-10.000 (2025-11-18 18:10)	

Dataset metadata

land-cover-2023-imported_local-land-cover_bahamas-all-regions-buffer-10.000.tif metadata

land-cover-2023-imported_local-land-cover_bahamas-all-regions-buffer-10.000.tif metadata

- 157

XXXXXXXXXX XXXX XXXXXXXXXXXXXXX. XXXXXX XXXXXXXX XXXXXXXX XXXXXXXXXXXXXXX
XXXXXXXXXXXX XXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX.

 Dataset Metadata

▼ General

Title

Land Cover

Author or Publisher

John Doe

Source Link or Identifier

www.customlandcoverexample.org

Bibliographical Citation

Doe, J., et al. 2025. Custom land cover example for Trends.Earth

▼ Topics

Climatology Meteorology Atmosphere
Economy
Elevation
Farming
Geoscientific Information
Health

▶

+

−

Conservation
Environment
Land degradation neutrality

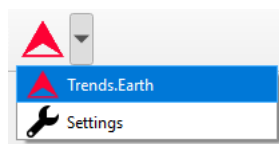
OK

Cancel

5. ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■
■■■■■■■■■■ ■■■■■■ ■ ■■■■■ ■■■■■■■■ ■ ■■■■■■■ ■■■■■■ OK, ■■■■■
■■■■■■■■■ ■■■■■■■■■■. ■■■■■■■■■■ ■■■■■ ■■■■■■■■■■ ■ ■■■■■■■ QGIS
QMD, ■ ■■■■■■■■■ ■■■■■ ■■■■ ■■■■■■■ ■■■■■■■ ■ ■■■■■ ■■■■■■ ■■■■■■.

[illegible]

- **Figure 1:** Map of the study area showing the location of the study area in the world map. The map shows the location of the study area in the world map. The map shows the location of the study area in the world map.
 - ****** **Figure 2:** Map of the study area showing the location of the study area in the world map. The map shows the location of the study area in the world map. The map shows the location of the study area in the world map.
 - **Figure 3:** Map of the study area showing the location of the study area in the world map. The map shows the location of the study area in the world map. The map shows the location of the study area in the world map.
1. **Figure 4:** Map of the study area showing the location of the study area in the world map. The map shows the location of the study area in the world map. The map shows the location of the study area in the world map.

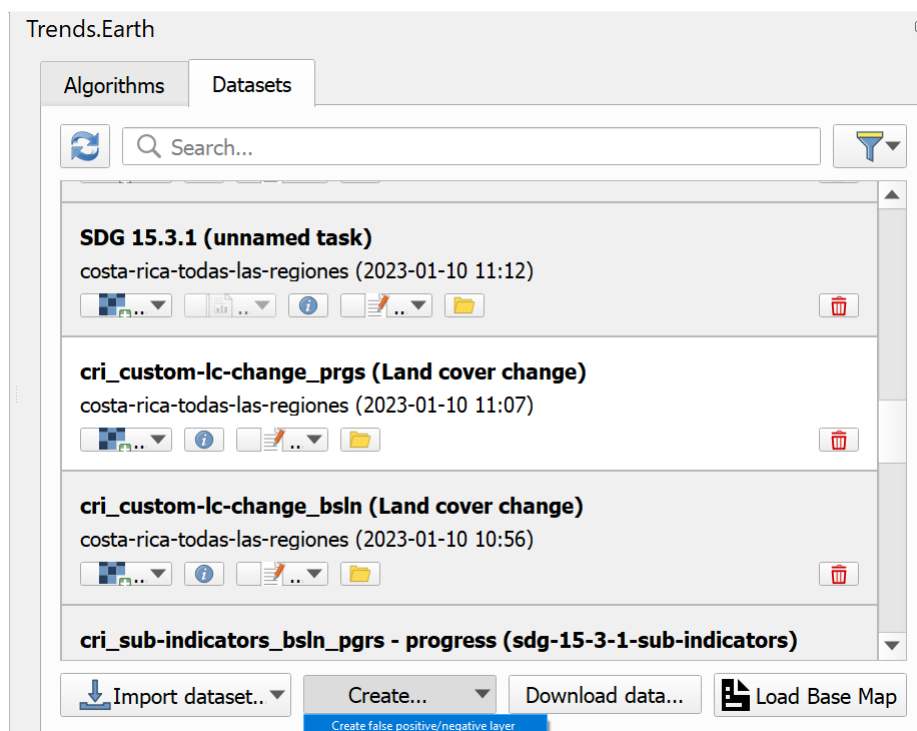


2. [REDACTED] Trends.Earth. [REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED].

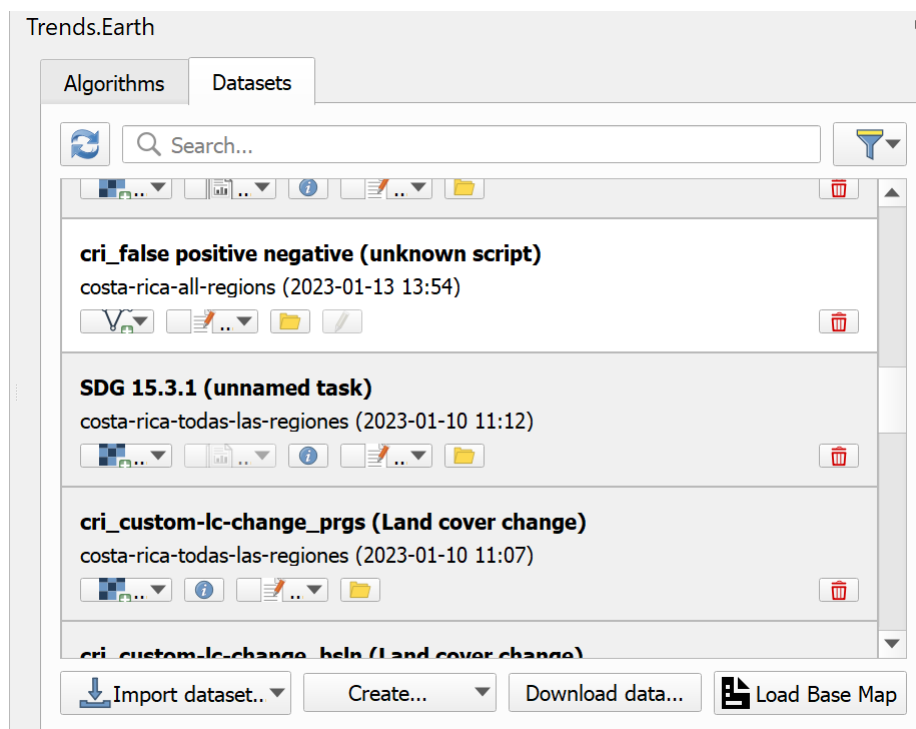
Note

XXXXXXXXXX **X XXXXXXXX XXXXXXXXXX XXXXXXXX XXXXXXXXXXXXXXX,** **XXXXXXXX XXXXXXXX**
XXXXXXXXXX **X XXXXXXXXXX XXXXXXXXXX**

- [illegible]



- [illegible]



-
- The screenshot shows the QGIS Layers panel. The legend is titled 'False positive/negative' and contains three entries, each with a checked checkbox and a small colored square icon:
- ☒  False negative
 - ☒ False positive
 - ☒  Undefined

Dataset selection - False positive/negative

Current region: costa-rica-all-regions  Change region

Task name: cri_false positive negatives

Dataset: costa-rica-todas-las-regiones - SDG 15.3.1 (unnamed task) - 2023-01-10 11:12

SDG 15.3.1 indicator: costa-rica-todas-las-regiones - SDG 15.3.1 Indicator (2001-2015) - 2023-01-10 11:12
costa-rica-todas-las-regiones - SDG 15.3.1 Indicator (2005-2019) - 2023-01-10 11:12
costa-rica-todas-las-regiones - SDG 15.3.1 Indicator (2001-2015 updated with 2005-2019) - 2023-01-10 11:12

Productivity degradation: costa-rica-todas-las-regiones - SDG 15.3.1 Indicator (2001-2015 updated with 2005-2019) - 2023-01-10 11:12

Land cover degradation: costa-rica-todas-las-regiones - Land cover degradation (2001 to 2015) - 2023-01-10 11:12

Soil organic carbon degradation: costa-rica-todas-las-regiones - Soil organic carbon degradation (2001 to 2015) - 2023-01-10 11:12

OK Cancel

160

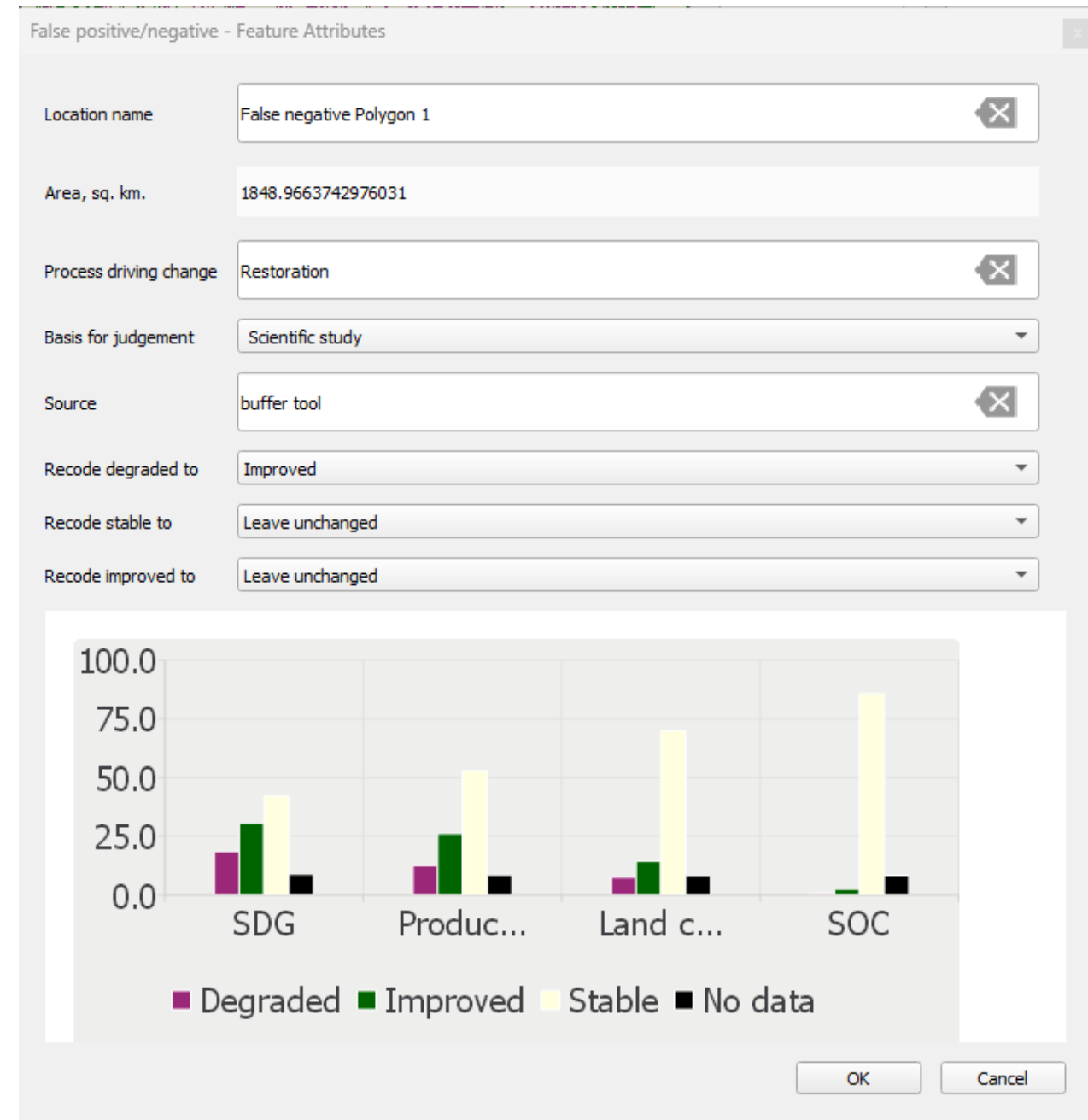
[illegible]

-

- Area 2305.65 km²

- 16.37 ki Radius

- 161

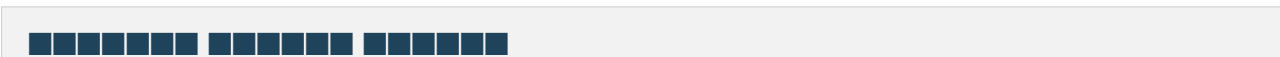
[illegible]

- 162

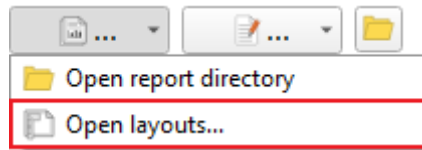


- Open report directory

- [illegible]



- 163



-

- 164

[illegible][illegible]

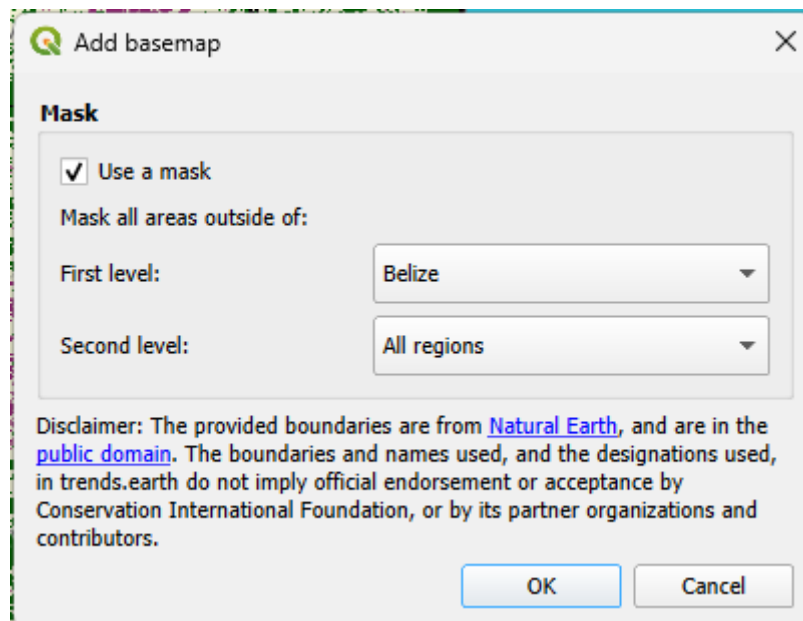
■■■■■■■■■■ ■■■■■■■■■ ■■■■■■■■

1. [REDACTED] [REDACTED], [REDACTED] [REDACTED]



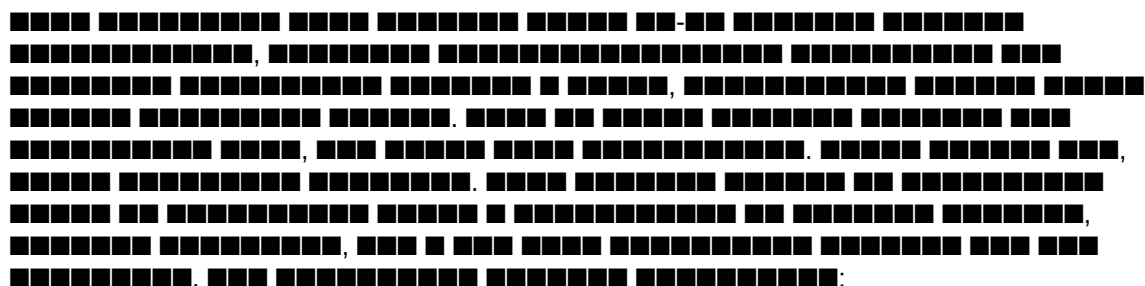
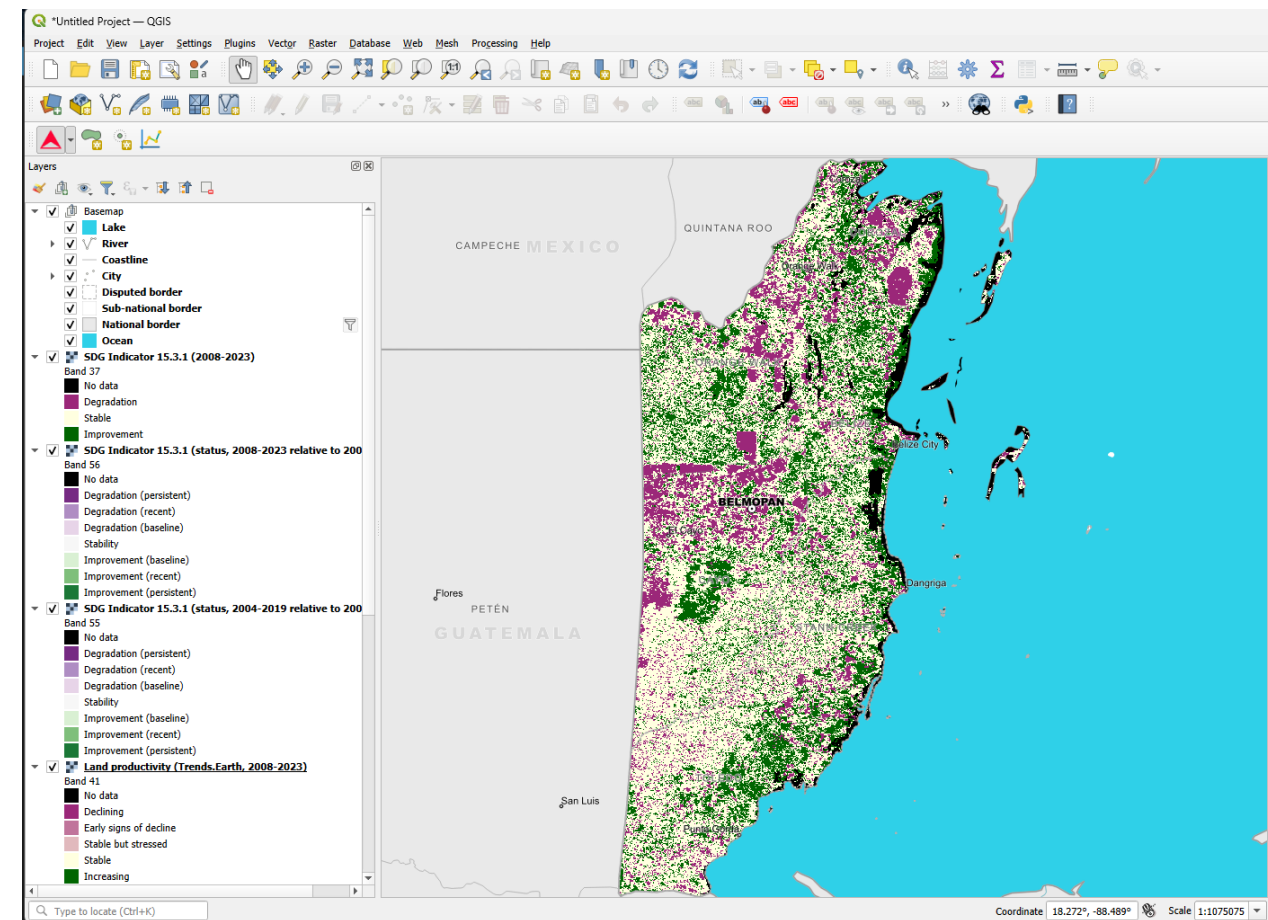
- 166

■■■■■■■■■■ ■■■■■■■■■■

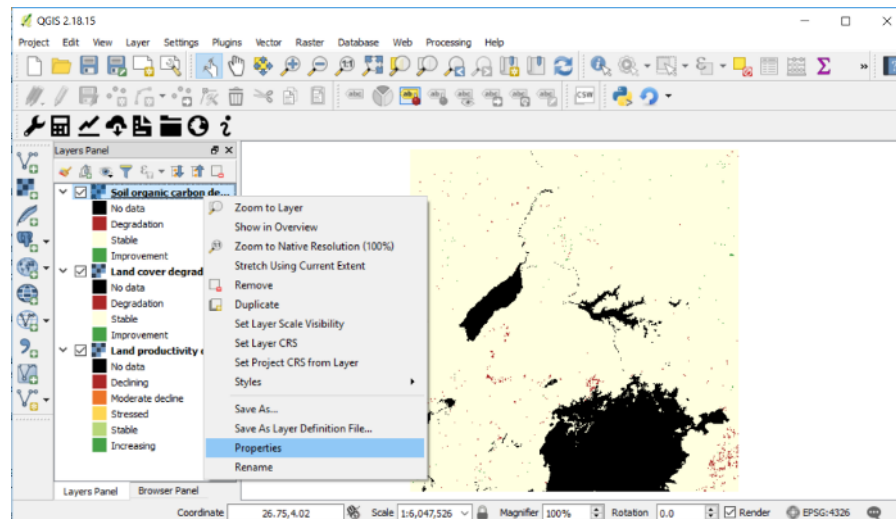


3. ■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■ ■■ ■■■■■■■■■■, ■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■ ■■■■■■ ■ ■■ ■■■■■■ «■■■■■». ■■■■■■■■ ■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■:

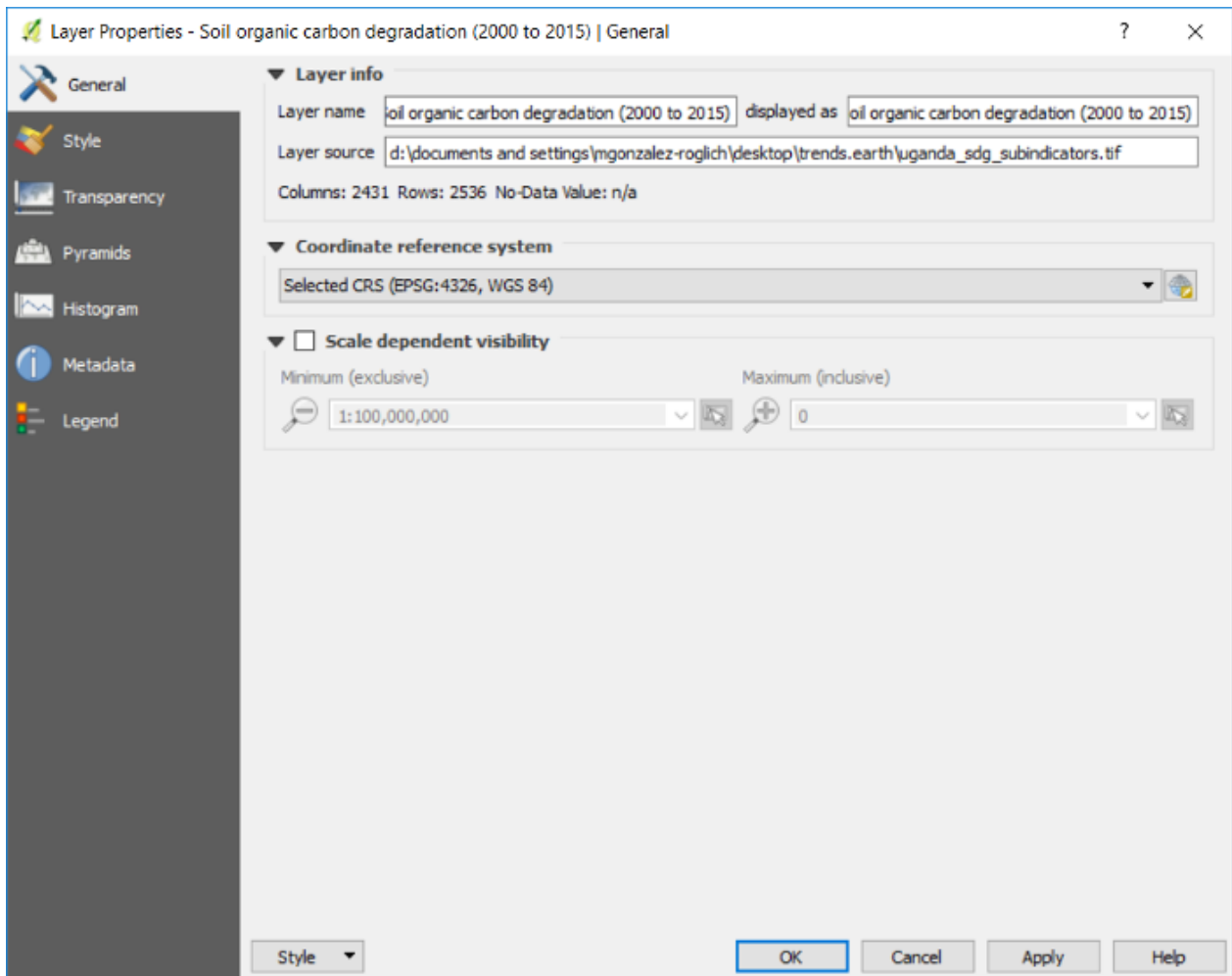
- ■■■■■■■■
- ■■■■■■
- ■■■■■■■■■■ ■■■■■■■■
- ■■■■■■■■
- ■■■■■■■■ ■■■■■■■■■■
- ■■■■■■■■■■ ■■■■■■■■ ■■■■■■
- ■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■
- ■■■■■■■■■■



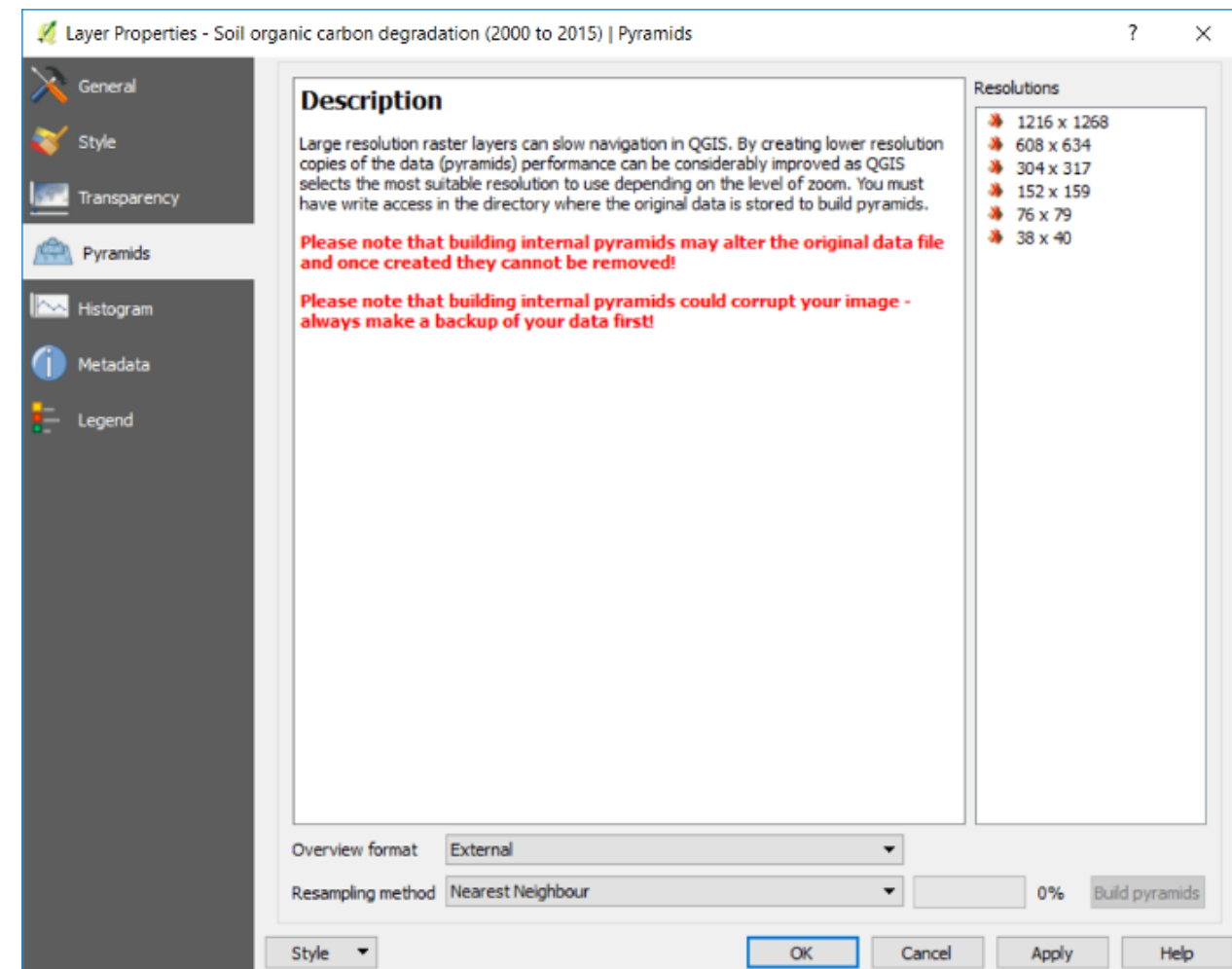
- 168

[illegible]

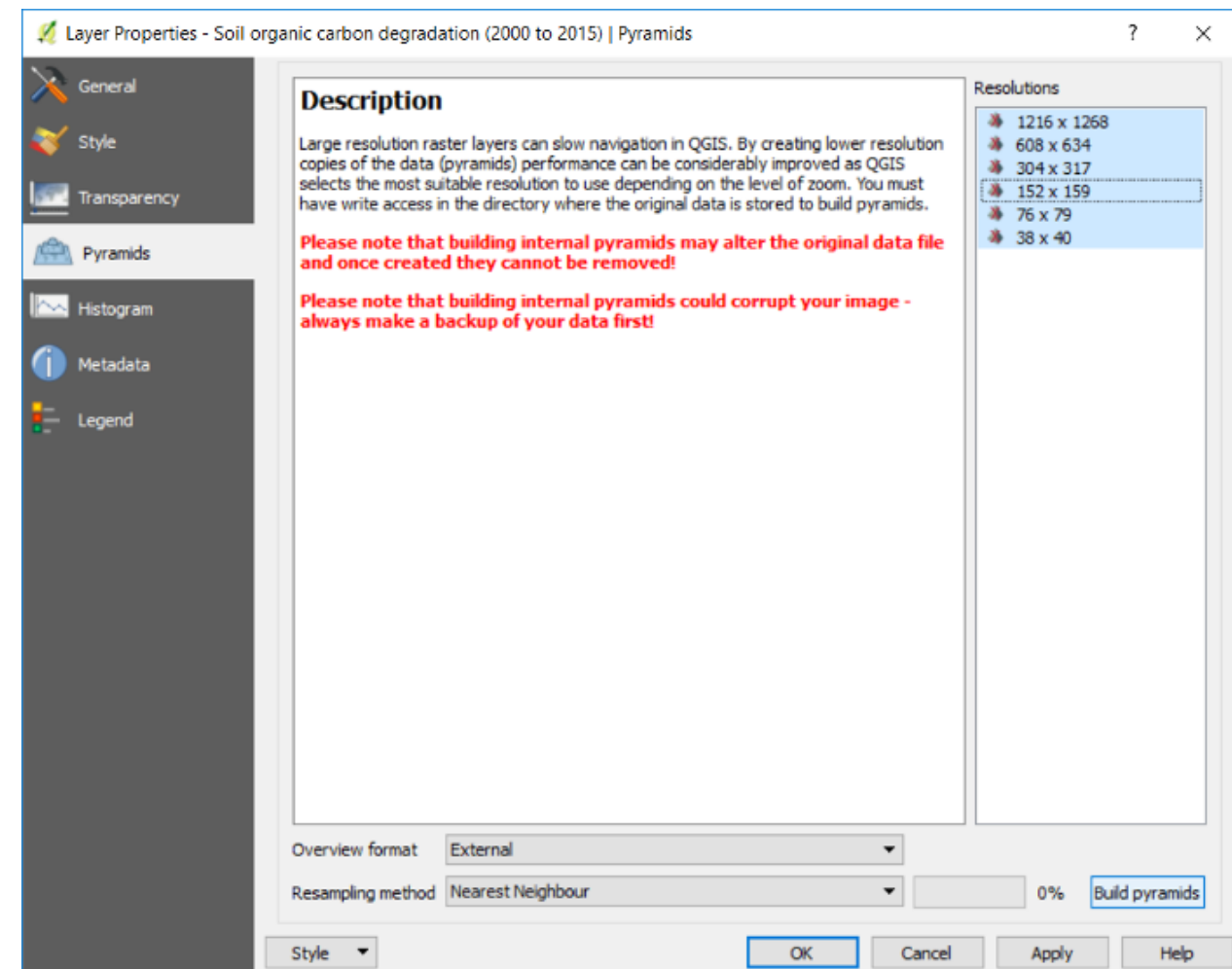
2. ■■■■■■■■■■ ■■■■ ■■■■■■■■ ■■■■. ■■ ■■■■■■■■■■ ■■■■■■ ■■■■■■■■■■ ■■
■■■■■■■■■ ■■■■■■■■■■ ■ ■■■■■■■■ ■■ ■■.



- 170



- 171



- | Resolutions | Resolutions |
|---|---|
|  1216 x 1268 |  1216 x 1268 |
|  608 x 634 |  608 x 634 |
|  304 x 317 |  304 x 317 |
|  152 x 159 |  152 x 159 |
|  76 x 79 |  76 x 80 |
|  38 x 40 |  38 x 40 |

- ■■■■■■■■■■ ■■■■■■■■■■

172

■■■ ■■■■■■■■■■ ■■■■■■?

[illegible]

■■■■ ■■■■■■■■■■ ■■■■■■?

[illegible]

Python. What's the deal?

QGIS 与 Python
 (AttributeError, ModuleNotFoundError), 这通常是因为 QGIS 的 Python 环境配置不正确。请确保 QGIS 的 Python 环境配置正确，并且 QGIS 的 Python 环境能够访问到所需的模块。

■■■■ ■■■■■■■■ ■■■■■■?

[illegible][illegible]

- [illegible]

```
C:\Documents\user\AppData\Roaming\OGISQGIS3\profiles\default\pythonplugins
```


■■■■■ ■■■■■

Trends.Earth

Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth  Trends.Earth

«**[REDACTED]**» [REDACTED] [REDACTED].

AVHRR (8) MODIS (250) ESA LCC CCI (300)

QUESTION

175

■■■■■

10

■■■■■■■■■■ ■■■■■■■■■■

QUESTION

[illegible]

[illegible]

[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED],
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]. [REDACTED], [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] ([REDACTED]
[REDACTED]), [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED], [REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED], [REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

QUESTION

THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. DATE 01-25-2001 BY 60322 UCBAW

[illegible]

■■■■ ■■■■ ■■■■■■■■■■ ■■■■ ■■■■ ■■■■■■■■■■ ■■■■■■■■■■
 ■■■■ ■■■■■■■■■■ ■■■■■■?

«**[REDACTED]**, **[REDACTED] в [REDACTED] ([REDACTED])**
[REDACTED]) **[REDACTED] в [REDACTED] в [REDACTED]**
[REDACTED] [REDACTED] в [REDACTED], [REDACTED]
([REDACTED] в [REDACTED] 15.3.1 [REDACTED]
[REDACTED]). [REDACTED], [REDACTED]
([REDACTED] 15.3.1) [REDACTED] «[REDACTED]
[REDACTED]». **[REDACTED], [REDACTED]**
[REDACTED], [REDACTED]
[REDACTED] «[REDACTED].

■■■■■ ■■ ■■■■■■■■■■

2017 年 12 月 1 日，Google 宣布，Google Earth Engine 平台已正式推出。该平台是一个基于云的地理空间分析平台，旨在帮助研究人员、政府机构和组织更高效地处理和分析大量的地理空间数据。该平台支持多种数据源，包括卫星影像、地形数据、气候数据等，并提供了强大的分析工具和接口，用户可以通过 Web 界面或 API 进行数据分析和可视化。

QGIS, un logiciel libre de cartographie et d'analyse spatiale, est une solution open source pour la gestion des données géographiques. Il permet de visualiser, éditer et analyser des données vectorielles et raster. QGIS est compatible avec de nombreux formats de données et offre une interface intuitive pour les utilisateurs. ArcGIS et ArcPro sont des logiciels propriétaires de Esri, utilisés couramment dans le domaine de l'information géographique. Ils offrent des fonctionnalités avancées pour la gestion des données, l'analyse spatiale et la production de cartes.

■■■■■■■■ ■■■■■■, ■■■■■■■■■■■■■■ ■ Trends.Earth

[illegible][illegible]

MERRA 2	1980–2019	0.5° x 0.625°		

ERA5-REanalysis (ERA5-REanalysis)

Dataset / Variable	Period	Resolution	Units	Access
ERA I	1979-2016	0.75° x 0.75°	mm	Open

ERA5-REanalysis (ERA5-REanalysis)

Dataset / Variable	Period	Resolution	Units	Access
GPCP v2.3 1	1979-2019	2.5° x 2.5°	mm	Open
GPCC V6	1891-2019	1° x 1°	mm	Open
CHIRPS	1981–2024	5	50 - 50	Open
PERSIANN-CDR	1983–2024	25	60 - 60	Open

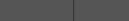
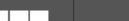
ERA5-REanalysis (ERA5-REanalysis)

Dataset / Variable	Period	Resolution	Units	Access
MOD16A2GF	2000–2024	500	mm	Open

ERA5-REanalysis (ERA5-REanalysis)

Dataset / Variable	Period	Resolution	Units	Access
ESA CCI Land Cover	1992–2022	300	mm	CC BY 4.0

ERA5-REanalysis (ERA5-REanalysis)

					
Soil Grids (ISRIC)			250 		CC by-SA 4.0

	2000	2010	2020	2030	2040
FAO - IIASA Global Agroecological Zones (GAEZ)	2000	8			

				
 geoBoundaries		10/50 		CC BY 4.0

[geoBoundaries](#), Trends.Earth.
 CC BY 4.0. Trends.Earth
 is a project of the Trends.Earth
 organization, which is a 501(c)(3) non-profit organization.
 The organization's mission is to provide free, open access
 to the world's most comprehensive and up-to-date
 geospatial data, maps, and information.
 For more information, visit [trends.earth](#).

■■■■■■■■■■

WorldPop 100m (2000–2020)

WorldPop 100m (2000–2020)	2000–2020	100m	CC BY 4.0
WorldPop 100m (2000–2020)	2000–2020	100m	CC BY 4.0

Note

WorldPop 100m (2000–2020) is a global population dataset derived from satellite imagery and ground survey data. It is available in GeoTIFF format and can be accessed via S3 (trends.earth-shared, us-east-1). The dataset is organized by year and resolution (100m, 300m, 1200m). The 100m resolution dataset is the most detailed and is recommended for use in GIS applications. The 300m and 1200m resolution datasets are available for comparison and validation. The dataset is licensed under CC BY 4.0.

WorldPop 100m (2000–2020) is available on S3 (trends.earth-shared, us-east-1) in GeoTIFF format. The dataset is organized by year and resolution (100m, 300m, 1200m). The 100m resolution dataset is the most detailed and is recommended for use in GIS applications. The 300m and 1200m resolution datasets are available for comparison and validation. The dataset is licensed under CC BY 4.0.

- s3://trends.earth-shared/worldpop/100m
- s3://trends.earth-shared/worldpop/300m
- shared

WorldPop 100m (2000–2020) Trends.Earth

WorldPop 100m (2000–2020) is a global population dataset derived from satellite imagery and ground survey data. It is available in GeoTIFF format and can be accessed via S3 (trends.earth-shared, us-east-1). The dataset is organized by year and resolution (100m, 300m, 1200m). The 100m resolution dataset is the most detailed and is recommended for use in GIS applications. The 300m and 1200m resolution datasets are available for comparison and validation. The dataset is licensed under CC BY 4.0.

WorldPop 100m (2000–2020) is available on S3 (trends.earth-shared, us-east-1) in GeoTIFF format. The dataset is organized by year and resolution (100m, 300m, 1200m). The 100m resolution dataset is the most detailed and is recommended for use in GIS applications. The 300m and 1200m resolution datasets are available for comparison and validation. The dataset is licensed under CC BY 4.0.

WorldPop 100m (2000–2020) is available on S3 (trends.earth-shared, us-east-1) in GeoTIFF format. The dataset is organized by year and resolution (100m, 300m, 1200m). The 100m resolution dataset is the most detailed and is recommended for use in GIS applications. The 300m and 1200m resolution datasets are available for comparison and validation. The dataset is licensed under CC BY 4.0.

■■■■■■■■■■ ■■■■■■ (■■■ 15.3.1)

■■■■■■■■■■ ■■■ 15.3.1

-32768	
-1	
0	
1	

■■■■■■■■■■ ■■■ 15.3.1 (■■■■■■)

[illegible][illegible][illegible]

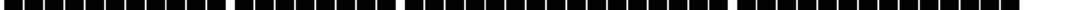
-32768	
 	NDVI 10 000

XXXXXXXXXX XXXXXXXXXXXXXXXX (XXXXXXXXXXXX)

[illegible]

[illegible]

	00000000	000000000000
-32768	0000 000000	
-1	00000000000	
0	0000 0000000000	

  	
-3276 8	
0	   .<../background/understanding_indicators15.html#productivity-performance>`_.

-32768	
	<../background/understanding_indicators15.html#productivity-performance>`_.

-32768	

Figure 15.3.1 (continued)

Location	Description
Station 1	Station 1 is located on the left bank of the river, approximately 100 m upstream from the confluence of the river into the lake. The station is marked by a red flag and a wooden post.

Figure 15.3.1 (continued)

Location	Description
-32768	Station 2 is located on the right bank of the river, approximately 100 m downstream from the confluence of the river into the lake. The station is marked by a red flag and a wooden post.
Station 3	Station 3 is located on the left bank of the river, approximately 100 m downstream from the confluence of the river into the lake. The station is marked by a red flag and a wooden post.

Figure 15.3.1 (continued)

Location	Description
-32768	Station 4 is located on the right bank of the river, approximately 100 m downstream from the confluence of the river into the lake. The station is marked by a red flag and a wooden post.
Station 5	Station 5 is located on the left bank of the river, approximately 100 m downstream from the confluence of the river into the lake. The station is marked by a red flag and a wooden post.

Figure 15.3.1 (continued)

Location	Description
-32768	Station 6 is located on the right bank of the river, approximately 100 m downstream from the confluence of the river into the lake. The station is marked by a red flag and a wooden post.
1	Station 7 is located on the left bank of the river, approximately 100 m downstream from the confluence of the river into the lake. The station is marked by a red flag and a wooden post.
2	Station 8 is located on the right bank of the river, approximately 100 m downstream from the confluence of the river into the lake. The station is marked by a red flag and a wooden post.
3	Station 9 is located on the left bank of the river, approximately 100 m downstream from the confluence of the river into the lake. The station is marked by a red flag and a wooden post.
4	Station 10 is located on the right bank of the river, approximately 100 m downstream from the confluence of the river into the lake. The station is marked by a red flag and a wooden post.
5	Station 11 is located on the left bank of the river, approximately 100 m downstream from the confluence of the river into the lake. The station is marked by a red flag and a wooden post.

Figure 15.3.1 (continued)

XXXXXXXXXX XXXXXXXXXX (XXXXXXXXXXXX XXXXXXXXXXXXXXX)

-32768	■■■■ ■■■■■■
1	■■■■■■■■■
2	■■■■■■■■■■ ■■■■■■■■
3	■■■■■■■■■■■■
4	■■■■■■■■■■■
5	■■■■■■■■■■■■

■■■■■■■■■■ ■■■■■■ (■■■■■■■■■■)

Value	Hex
-32768	8000 0000 0000 0000
-1	FFFF FFFF FFFF FFFF
0	0000 0000 0000 0000
1	0000 0000 0000 0001

■■■■■■■■ ■■■■■■ (7 ■■■■■)

-32768	■■■■ ■■■■■■
1	■■■■■■■ ■■■■■■■■
2	■■■■■
3	■■■■■■■■■
4	■■■■■■-■■■■■■■■■
5	■■■■■■■■■■■■■■■
6	■■■■■■■ ■■■■■
7	■■■■■■■

XXXXXXXXXX XXXXXXX (XXXXXXXXXXXXXXXXXXXXXXXXXXXX)

-32768	■■■■ ■■■■■■
10	■■■■■■■■■■ ■■■■■■, ■■■■■■■■■■■■

XXXXXXXXXX XXXXXXXXXX (XXXXXXXXXXXX XXXXXXXXXXXXXXX)

[illegible]

XXXXXXXXXX XXXXXXXXXX (XXXXXXXXXXXX XXXXXXXXXXXXXXXX)

[illegible]

■■■■■■■■ ■■■■■■ (■■■■■■■■)

-32768	■■■■ ■■■■■■
1	■■■■■■■■■ ■■■■■■■■■■ - ■■■■■■■■■■ ■■■■■■■■■■ (■■■■ ■■■■■■■■■■)
2	■■■■■■■■■ - ■■■■■■■■■■ (■■■■ ■■■■■■■■■■)
3	■■■■■■■■■■ ■■■■■■ - ■■■■■■■■■■ ■■■■■■ (■■■■ ■■■■■■■■■■)
4	■■■■■■■■■■■■■ ■■■■■■■■■■ - ■■■■■■■■■■■■ ■■■■■■■■■■ (■■■■ ■■■■■■■■■■)
5	■■■■■■■■■■■■■■■ - ■■■■■■■■■■■■■■ (■■■■ ■■■■■■■■■■)
6	■■■■■■■■■ ■■■■■■ - ■■■■■■■■ ■■■■■■ (■■■■ ■■■■■■■■■■)
7	■■■■■■■■■ - ■■■■■■■■■■ (■■■■ ■■■■■■■■■■)
12	■■■■ - ■■■■■■■■■■
13	■■■■ - ■■■■■■■■■■ ■■■■■■
14	■■■■ - ■■■■■■■■■■■■ ■■■■■■■■■■
15	■■■■ - ■■■■■■■■■■■■■■
16	■■■■ - ■■■■■■■■ ■■■■■■
17	■■■■ - ■■■■■■■■
21	■■■■■■■■■■ - ■■■■
23	■■■■■■■■■■■ - ■■■■■■■■■■ ■■■■■■
24	■■■■■■■■■■■ - ■■■■■■■■■■■■ ■■■■■■■■■■
25	■■■■■■■■■■■ - ■■■■■■■■■■■■■■■■
26	■■■■■■■■■■■ - ■■■■■■■■ ■■■■■■
27	■■■■■■■■■■■ - ■■■■■■■■

XXXXXXXXXX XXXXXXXXXX (XXXXXXXXXXXX XXXXXXXXXXXXXXX)

31	
32	
34	
35	
36	
37	
41	
42	
43	
45	
46	
47	
51	
52	
53	
54	
56	
57	
61	
62	
63	
64	
65	
67	
71	
72	
73	
74	
75	
76	

[illegible]

XXXXXXXXXXXX XXXXXXXX XXXXXX (XXXXXXXXXXXX)

XXXXXXXXXX XXXXXXXXXX (XXXXXXXXXXXX XXXXXXXXXXXXXXX)

-32768	
	0-30



-32768	
	 (0–30)



-32768	
	*1000

[illegible]

-32768	

XXXXXXXXXX XXXXXXXXXX (XXXXXXXXXXXX XXXXXXXXXXXXXXX)

[illegible]

■■■■■■■■■■ ■■■■■■■■■■ (■■■ 11.3.1)

Page 10 of 10

-32768	■■■■ ■■■■■■
1	■■■■■■■■■■
2	■■■■■■■■■■■■
3	■■■■■■■■■■■■■ ■■■■■■■■ ■■■■■■■■■■
4	■■■■■■■■■ ■■■■■■■■■■■■■■ (■■■■■)
5	■■■■■■■■■ ■■■■■■■■■■■■■■■■ (■■■■■■■■■■■■■■■■■)
6	■■■■■■■■■ ■■■■■■■■■■■■■■■■ (■■■■■■■■■■■)
7	■■■■■■■■■ ■■■■■■■■■■■■■■■■ (■■■■■ ■■■■■■■■■■■■■■ ■■■■■■■■■■)
8	■■■■■■■■■ ■■■■■■■■■■■■■■■■ (■■■■■■■■■■■■■■■■■ ■■■■)
9	■■■■■■■■■ ■■■■■■■■■■■■■■■■ (■■■■■■■■■■ ■■■■)

11 12 13 14 15 16 17 18 19 20 21 22

-32768	■■■■ ■■■■■■
-1	■■■■■
1	■■■■■■■■■■ ■ 2000 ■.
2	■■■■■■■■■■ ■ 2005 ■.
3	■■■■■■■■■■ ■ 2010 ■.
4	■■■■■■■■■■ ■ 2015 ■.

■■■■■■■■■■



-32768	

WorldPop. ■ **Trends.Earth,** ■ **(**

-32768	

[REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] b7C [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED]. [REDACTED] [REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED]/[REDACTED], [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED]

1. ■■■■■■ ■■■■■■ ■■■■■ QGIS;
2. ■■■■■ ■■■■■ ■■■■■■ ■■■■■ ■■■■■■ ■■■■■■

[illegible]

- 192

Таблица 1. Структура таблицы jobs

Таблица 2. Структура таблицы jobs

Таблица jobs содержит информацию о заданиях (jobs), которые выполняются на сервере. В таблице хранятся следующие данные: идентификатор задания (job_id), дата создания (creation_date), статус (status), имя (name), комментарии (comments), пути к файлам (paths), алгоритм (alg_name), параметры (input_params). Таблица jobs является основной таблицей для хранения информации о заданиях. В таблице jobs хранятся следующие данные: идентификатор задания (job_id), дата создания (creation_date), статус (status), имя (name), комментарии (comments), пути к файлам (paths), алгоритм (alg_name), параметры (input_params). Таблица jobs является основной таблицей для хранения информации о заданиях.

Таблица Trends.Earth содержит информацию о тенденциях. В таблице хранятся следующие данные: идентификатор тенденции (trend_id), дата создания (creation_date), статус (status), имя (name), комментарии (comments), пути к файлам (paths), алгоритм (alg_name), параметры (input_params). Таблица Trends.Earth является основной таблицей для хранения информации о тенденциях.

Таблица 3. Структура таблицы jobs

Таблица jobs содержит информацию о заданиях (jobs), которые выполняются на сервере. В таблице хранятся следующие данные: идентификатор задания (job_id), дата создания (creation_date), статус (status), имя (name), комментарии (comments), пути к файлам (paths), алгоритм (alg_name), параметры (input_params). Таблица jobs является основной таблицей для хранения информации о заданиях.

Имя столбца	Тип данных	Описание
te_job_id	INTEGER	Идентификатор задания, уникальный идентификатор (UUID)
te_job_input_params	JSON	Параметры задания, JSON-массив
te_job_paths	TEXT	Пути к файлам, массив путей (-) или пустой массив
te_job_alg_name	TEXT	Имя алгоритма
te_job_creation_date	DATE	Дата создания, формат: %Y-%m-%d %H:%M
te_job_status	TEXT	Статус задания, возможные значения: 'pending', 'running', 'finished', 'failed', 'cancelled', 'unknown'
te_job_name	TEXT	Имя задания, уникальное имя
te_job_comments	TEXT	Комментарии к заданию, массив комментариев

Таблица 4. Структура таблицы jobs

Таблица jobs содержит информацию о заданиях (jobs), которые выполняются на сервере. В таблице хранятся следующие данные: идентификатор задания (job_id), дата создания (creation_date), статус (status), имя (name), комментарии (comments), пути к файлам (paths), алгоритм (alg_name), параметры (input_params). Таблица jobs является основной таблицей для хранения информации о заданиях.

Имя столбца	Тип данных	Описание
te_current_layer_name	TEXT	Имя текущего слоя, уникальное имя

■■■■■■■■■■ ■■■■■■■■■ ■■■■■■■■■

[illegible]

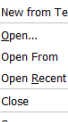
■■■■■■■ ■■■■■■

■■■■■■■■ ■■■■■■

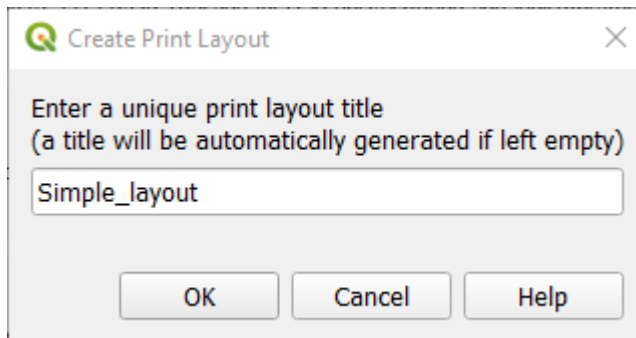
Note

■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■

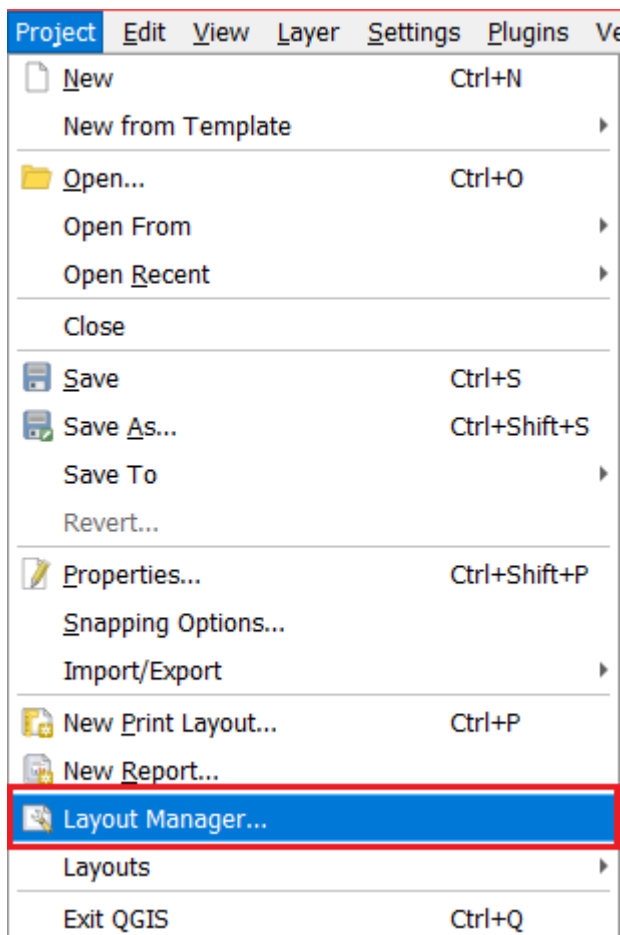
■■■■■■■■ ■■■■■■

- 
- The screenshot shows the 'Project' menu in QGIS. The menu items are: New (Ctrl+N), New from Template, Open... (Ctrl+O), Open From, Open Recent, Close, Save (Ctrl+S), Save As... (Ctrl+Shift+S), Save To, Revert..., Properties... (Ctrl+Shift+P), Snapping Options..., Import/Export, New Print Layout... (Ctrl+P), New Report..., Layout Manager..., Layouts, and Exit QGIS (Ctrl+Q). The 'New Print Layout...' option is highlighted with a red rectangle.

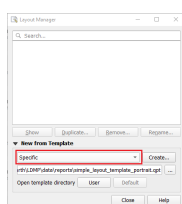
2. ■■■■■■■■ ■■■■■■■■ ■■■ ■■■ ■■■■■■■■.



1. $\frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{16} + \frac{1}{32} + \frac{1}{64} + \frac{1}{128} + \frac{1}{256} + \frac{1}{512} + \frac{1}{1024} + \frac{1}{2048} + \frac{1}{4096} + \frac{1}{8192} + \frac{1}{16384} + \frac{1}{32768} + \frac{1}{65536} + \frac{1}{131072} + \frac{1}{262144} + \frac{1}{524288} + \frac{1}{1048576} + \frac{1}{2097152} + \frac{1}{4194304} + \frac{1}{8388608} + \frac{1}{16777216} + \frac{1}{33554432} + \frac{1}{67108864} + \frac{1}{134217728} + \frac{1}{268435456} + \frac{1}{536870912} + \frac{1}{1073741824} + \frac{1}{2147483648} + \frac{1}{4294967296} + \frac{1}{8589934592} + \frac{1}{17179869184} + \frac{1}{34359738368} + \frac{1}{68719476736} + \frac{1}{137438953472} + \frac{1}{274877906944} + \frac{1}{549755813888} + \frac{1}{1099511627776} + \frac{1}{2199023255552} + \frac{1}{4398046511104} + \frac{1}{8796093022208} + \frac{1}{17592186044416} + \frac{1}{35184372088832} + \frac{1}{70368744177664} + \frac{1}{140737488355328} + \frac{1}{281474976710656} + \frac{1}{562949953421312} + \frac{1}{1125899906842624} + \frac{1}{2251799813685248} + \frac{1}{4503599627370496} + \frac{1}{9007199254740992} + \frac{1}{18014398509481984} + \frac{1}{36028797018963968} + \frac{1}{72057594037927936} + \frac{1}{144115188075855872} + \frac{1}{288230376151711744} + \frac{1}{576460752303423488} + \frac{1}{1152921504606846976} + \frac{1}{2305843009213693952} + \frac{1}{4611686018427387904} + \frac{1}{9223372036854775808} + \frac{1}{18446744073709551616} + \frac{1}{36893488147419103232} + \frac{1}{73786976294838206464} + \frac{1}{147573952589676412928} + \frac{1}{295147905179352825856} + \frac{1}{590295810358705651712} + \frac{1}{1180591620717411303424} + \frac{1}{2361183241434822606848} + \frac{1}{4722366482869645213696} + \frac{1}{9444732965739290427392} + \frac{1}{18889465931478580854784} + \frac{1}{37778931862957161709568} + \frac{1}{75557863725914323419136} + \frac{1}{151115727451828646838272} + \frac{1}{302231454903657293676544} + \frac{1}{604462909807314587353088} + \frac{1}{1208925819614629174706176} + \frac{1}{2417851639229258349412352} + \frac{1}{4835703278458516698824704} + \frac{1}{9671406556917033397649408} + \frac{1}{19342813113834066795298816} + \frac{1}{38685626227668133590597632} + \frac{1}{77371252455336267181195264} + \frac{1}{154742504910672534362390528} + \frac{1}{309485009821345068724781056} + \frac{1}{618970019642690137449562112} + \frac{1}{1237940039285380274899124224} + \frac{1}{2475880078570760549798248448} + \frac{1}{4951760157141521099596496896} + \frac{1}{9903520314283042199192993792} + \frac{1}{19807040628566084398385987584} + \frac{1}{39614081257132168796771975168} + \frac{1}{79228162514264337593543950336} + \frac{1}{158456325028528675187087900672} + \frac{1}{316912650057057350374175801344} + \frac{1}{633825300114114700748351602688} + \frac{1}{1267650600228229401496703205376} + \frac{1}{2535301200456458802993406410752} + \frac{1}{5070602400912917605986812821504} + \frac{1}{10141204801825835211973625643008} + \frac{1}{20282409603651670423947251286016} + \frac{1}{40564819207303340847894502572032} + \frac{1}{81129638414606681695789005144064} + \frac{1}{162259276829213363391578010288128} + \frac{1}{324518553658426726783156020576256} + \frac{1}{649037107316853453566312041152512} + \frac{1}{1298074214633706907132624082305024} + \frac{1}{2596148429267413814265248164610048} + \frac{1}{5192296858534827628530496329220096} + \frac{1}{10384593717069655257060992658440192} + \frac{1}{20769187434139310514121985316880384} + \frac{1}{41538374868278621028243970633760768} + \frac{1}{83076749736557242056487941267521536} + \frac{1}{166153499473114484112975882535043072} + \frac{1}{332306998946228968225951765070086144} + \frac{1}{664613997892457936451903530140172288} + \frac{1}{1329227995784915872903807060280344576} + \frac{1}{2658455991569831745807614120560689152} + \frac{1}{5316911983139663491615228241121378304} + \frac{1}{10633823966279326983230456482242756608} + \frac{1}{21267647932558653966460912964485513216} + \frac{1}{42535295865117307932921825928971026432} + \frac{1}{85070591730234615865843651857942052864} + \frac{1}{170141183460469231731687303715884105728} + \frac{1}{340282366920938463463374607431768211456} + \frac{1}{680564733841876926926749214863536422912} + \frac{1}{1361129467683753853853498429727072845824} + \frac{1}{2722258935367507707706996859454145691648} + \frac{1}{5444517870735015415413993718908291383296} + \frac{1}{10889035741470030830827987437816582766592} + \frac{1}{21778071482940061661655974875633165533184} + \frac{1}{43556142965880123323311949751266331066368} + \frac{1}{87112285931760246646623899502532662132736} + \frac{1}{174224571863520493293247799005065324265472} + \frac{1}{348449143727040986586495598010130648530944} + \frac{1}{696898287454081973172991196020261297061888} + \frac{1}{1393796574908163946345982392040522594123776} + \frac{1}{2787593149816327892691964784081045188247552} + \frac{1}{5575186299632$



- [illegible]

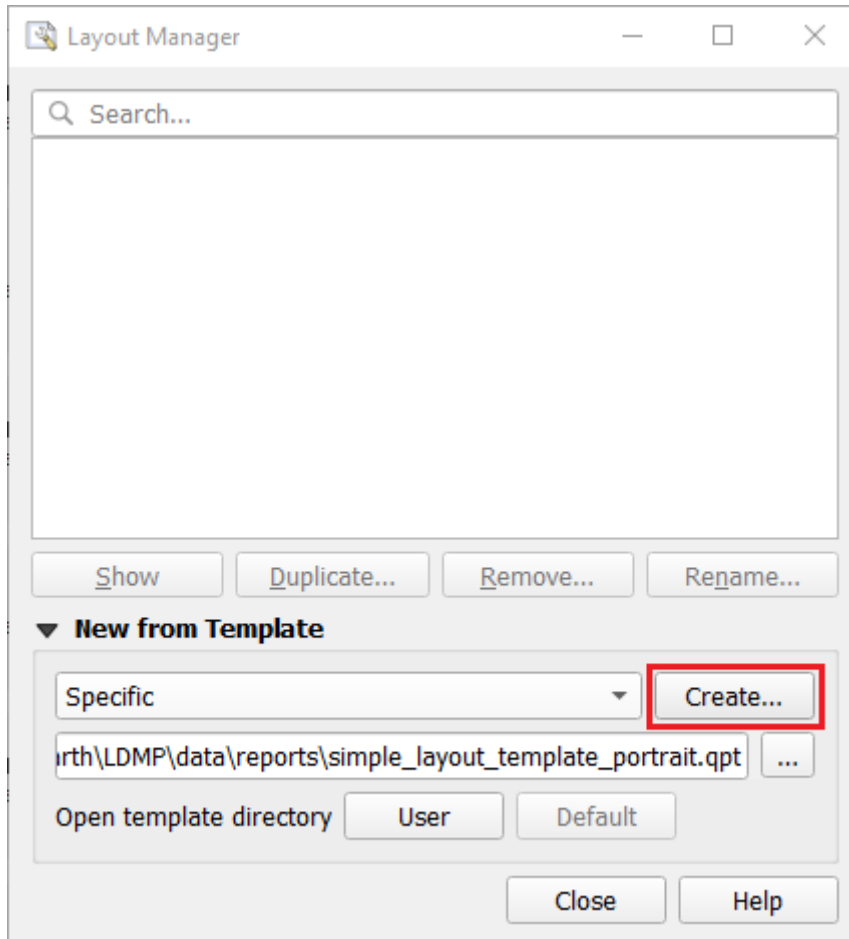


□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

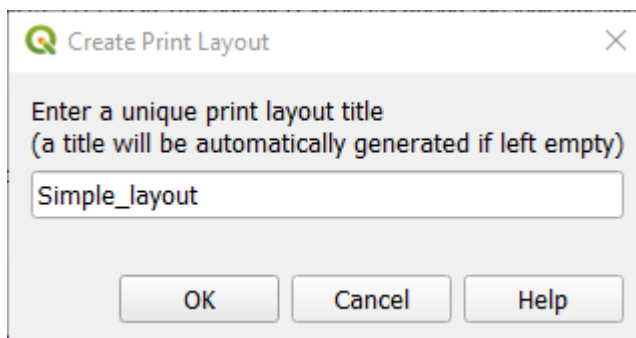
3. `REPORTS_DIRECTORY` (the directory), `REPORTS_TEMPLATE_PATH` (the path to the template file) and `REPORTS_FILENAME` (the filename). The default values are `qpt.`, `REPORTS_DIRECTORY` and `REPORTS_FILENAME`.



4. ■■■■■■■■ ■■■■■■■■ ■■■■■■■■....



5. ■■■■■■■■ ■■■■■■■■ ■■■ ■■■ ■■■■■■■■.



■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■

- ■■■ ■■■■■■ ■■■■■■■■ ■■■■■■■■ ■■■■■■■■ ■■■■■■■■, ■■■■■■■■■■ ■■■■■■■■■■ ■ `■■■■■■■■■■■■ ■■ QGIS<[https://docs.qgis.org/3.16/en/docs/user\\_manual/print\\_composer/composer\\_items/index.html](https://docs.qgis.org/3.16/en/docs/user_manual/print_composer/composer_items/index.html)>`. ■■■■■■■■■■ ■■■■■■■■■■ Trends.Earth

■■■■■■■■■ ■■■■■■■■

- [illegible]

- **[item_type.context_name], [label.layer_name, label.job_alg_name, map.main]** - **[item_scope mapping]**

▼ **Item ID**

Id

■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■

The `reportTemplate` property is used to specify the template to use for the report. The template is a file in the `reports/templates` directory. The template file must have a `.json` extension. The template file must contain a `reportTemplate` property. The template file must also contain a `reportTemplate` property. The template file must also contain a `reportTemplate` property.

templates.json — **Будет использоваться для хранения шаблонов, которые будут использоваться для генерации документов. Шаблон должен быть в формате JSON. Шаблон должен быть в формате JSON. Шаблон должен быть в формате JSON.**

- [illegible]

_____. _____.

```
{
  "template_info":{
    "id":"70ca4be7-839e-4248-be14-34ba8665ed98",
    "name":"Land Productivity",
    "description":"Overview of land productivity indicator.",
    "simple_portrait_path":"simple_layout_template_portrait.qpt",
    "simple_landscape_path":"simple_layout_template_landscape.qpt",
    "full_portrait_path":"full_layout_template_portrait.qpt",
    "full_landscape_path":"full_layout_template_landscape.qpt",
    "item_scopes":[
      {
        "name":"productivity",
        "type_id_mapping":{
          "map":["map.main"],
          "label":["label.layer_title"]
        }
      }
    ]
  },
  "output_options":{
```


XXXXXXXXXX XXXXXXXXXX

```

"template_type": "ALL",
"formats": [
  {
    "format_type": "PDF"
  },
  {
    "format_type": "IMAGE",
    "params": {
      "image_type": "png"
    }
  }
]
}
}

```

template_info

XXXXXXXXXX XXXXXXXXXX X XXXXXXXXXX XXXXXXXX QGIS, XXXXXXXXXX X XXXXXXX XXX

XXXXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX.

<i>id</i>	UUID	
<i>name</i>		
<i>description</i>		
<i>simple_portrait_path</i>		
<i>simple_landscape_path</i>		
<i>full_portrait_path</i>		
<i>full_landscape_path</i>		
<i>item_scopes</i>	item_scope_mapping.	

Note

templates.json, **template-variables.json**, **template-variables.html**, **template-variables.js**, **template-variables.py**, **template-variables.rb**, **template-variables.sh**, **template-variables.xml**, **template-variables.yaml**, **template-variables.yml**, **template-variables.zsh**, **template-variables.zshrc**, **template-variables.zshrc.d**, **template-variables.zshrc.d/**

output_options

XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXX.

■■■■■■■■

<i>format_type</i>	1. 如果格式为 PDF，则使用 PDF 渲染引擎渲染。 2. 如果格式为 IMAGE，则使用图像处理引擎渲染。 3. 如果格式为 HTML，则使用 HTML 渲染引擎渲染。 4. 如果格式为 TEXT，则使用文本渲染引擎渲染。 5. 如果格式为 VIDEO，则使用视频渲染引擎渲染。	
<i>params</i>	1. 如果格式为 PDF，则使用 PDF 渲染引擎渲染。 2. 如果格式为 IMAGE，则使用图像处理引擎渲染。 3. 如果格式为 HTML，则使用 HTML 渲染引擎渲染。 4. 如果格式为 TEXT，则使用文本渲染引擎渲染。 5. 如果格式为 VIDEO，则使用视频渲染引擎渲染。	

[illegible][illegible]

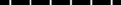
1. `QGIS, templates` «[base_data_directory]/reports/templates».
2. `templates` `QGIS`.

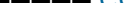
Page 10 of 10

The following table shows the number of people who have been vaccinated against COVID-19 in the United States, by state, as of June 1, 2021. The data is sourced from Trends.Earth, a data visualization platform.

Zip-          Trends.Earth                                          

[illegible]

 Trends.Earth  is licensed under a [Creative Commons Attribution 4.0 \(CC BY 4.0\)](https://creativecommons.org/licenses/by/4.0/).             


[CC BY 4.0](https://creativecommons.org/licenses/by/4.0/)

15.3.1
(LPD),
LPD
(Trends.Earth (FAO-WOCAT JRC).

202

■■■■■■■■■■

■■■■■■■■■■	■■■ 15.3.1 ■■■ ■■■■■■■■ Trends.Earth LPD	■■■ 15.3.1 ■■■ ■■■■■■■■ LPD FAO-WOCAT	■■■ 15.3.1 ■■■ ■■■■■■■■ JRC LPD
■■■■■■■■■■ ■■■■■■■■ (BHS)	BHS (Trends.Earth LPD)	BHS (FAO-WOCAT LPD)	BHS (JRC LPD)
■■■■■■■■ (BHR)	BHR (Trends.Earth LPD)	BHR (FAO-WOCAT LPD)	BHR (JRC LPD)
■■■■■■■■■■ (BGD)	BGD (Trends.Earth LPD)	BGD (FAO-WOCAT LPD)	BGD (JRC LPD)
■■■■■■■■■■ (BRB)	BRB (Trends.Earth LPD)	BRB (FAO-WOCAT LPD)	BRB (JRC LPD)
■■■■■■■■■■ (BLR)	BLR (Trends.Earth LPD)	BLR (FAO-WOCAT LPD)	BLR (JRC LPD)
■■■■■■■■ (BEL)	BEL (Trends.Earth LPD)	BEL (FAO-WOCAT LPD)	BEL (JRC LPD)
■■■■■■ (BLZ)	BLZ (Trends.Earth LPD)	BLZ (FAO-WOCAT LPD)	BLZ (JRC LPD)
■■■■■■ (BEN)	BEN (Trends.Earth LPD)	BEN (FAO-WOCAT LPD)	BEN (JRC LPD)
■■■■■■■■■■ ■■■■■■■■ (BMU)	BMU (Trends.Earth LPD)	BMU (FAO-WOCAT LPD)	BMU (JRC LPD)
■■■■■■ (BTN)	BTN (Trends.Earth LPD)	BTN (FAO-WOCAT LPD)	BTN (JRC LPD)
■■■■■■■■ (■■■■■■■■ ■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■) (BOL)	BOL (Trends.Earth LPD)	BOL (FAO-WOCAT LPD)	BOL (JRC LPD)
■■■■■■■■, ■■■■-■■■■■■■■■■■■■■ ■■■■ (BES)	BES (Trends.Earth LPD)	BES (FAO-WOCAT LPD)	BES (JRC LPD)
■■■■■■■■ ■■ ■■■■■■■■■■■■■■■■ (BIH)	BIH (Trends.Earth LPD)	BIH (FAO-WOCAT LPD)	BIH (JRC LPD)
■■■■■■■■■■ (BWA)	BWA (Trends.Earth LPD)	BWA (FAO-WOCAT LPD)	BWA (JRC LPD)
■■■■■■■■■■ (BRA)	BRA (Trends.Earth LPD)	BRA (FAO-WOCAT LPD)	BRA (JRC LPD)
■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■ ■■■■■■■■ (VGB)	VGB (Trends.Earth LPD)	VGB (FAO-WOCAT LPD)	VGB (JRC LPD)
■■■■■■■■-■■■■■■■■■■ ■■■■ (BRN)	BRN (Trends.Earth LPD)	BRN (FAO-WOCAT LPD)	BRN (JRC LPD)
■■■■■■■■■■ (BGR)	BGR (Trends.Earth LPD)	BGR (FAO-WOCAT LPD)	BGR (JRC LPD)

■■■■■■■■■■

■■■■■■■■	■■■ 15.3.1 ■■■ ■■■■■■■ Trends.Earth LPD	■■■ 15.3.1 ■■■ ■■■■■■■ LPD FAO-WOCAT	■■■ 15.3.1 ■■■ ■■■■■■■ JRC LPD
■■■■■■■■-■■■■■ (BFA)	BFA (Trends.Earth LPD)	BFA (FAO-WOCAT LPD)	BFA (JRC LPD)
■■■■■■■■ (BDI)	BDI (Trends.Earth LPD)	BDI (FAO-WOCAT LPD)	BDI (JRC LPD)
■■■■■-■■■■■■ (CPV)	CPV (Trends.Earth LPD)	CPV (FAO-WOCAT LPD)	CPV (JRC LPD)
■■■■■■■■■ (KHM)	KHM (Trends.Earth LPD)	KHM (FAO-WOCAT LPD)	KHM (JRC LPD)
■■■■■■■■■ (CMR)	CMR (Trends.Earth LPD)	CMR (FAO-WOCAT LPD)	CMR (JRC LPD)
■■■■■■■ (CAN)	CAN (Trends.Earth LPD)	CAN (FAO-WOCAT LPD)	CAN (JRC LPD)
■■■■■■■■■■ ■■■■■■■■■ (CYM)	CYM (Trends.Earth LPD)	CYM (FAO-WOCAT LPD)	CYM (JRC LPD)
■■■■■■■■■■■■■■■■ ■■■■■■■■■ ■■■■■■■■■■■■■■■ (CAF)	CAF (Trends.Earth LPD)	CAF (FAO-WOCAT LPD)	CAF (JRC LPD)
■■■■ (TCD)	TCD (Trends.Earth LPD)	TCD (FAO-WOCAT LPD)	TCD (JRC LPD)
■■■■■ (CHL)	CHL (Trends.Earth LPD)	CHL (FAO-WOCAT LPD)	CHL (JRC LPD)
■■■■■■ (CHN)	CHN (Trends.Earth LPD)	CHN (FAO-WOCAT LPD)	CHN (JRC LPD)
■■■■■■■■■ (COL)	COL (Trends.Earth LPD)	COL (FAO-WOCAT LPD)	COL (JRC LPD)
■■■■■■■■■■ ■■■■■■■■■ (COM)	COM (Trends.Earth LPD)	COM (FAO-WOCAT LPD)	COM (JRC LPD)
■■■■■■■ (COG)	COG (Trends.Earth LPD)	COG (FAO-WOCAT LPD)	COG (JRC LPD)
■■■■■■■■■ ■■■■ (COK)	COK (Trends.Earth LPD)	COK (FAO-WOCAT LPD)	COK (JRC LPD)
■■■■■■■-■■■■■ (CRI)	CRI (Trends.Earth LPD)	CRI (FAO-WOCAT LPD)	CRI (JRC LPD)
■■■■■■■■■ (HRV)	HRV (Trends.Earth LPD)	HRV (FAO-WOCAT LPD)	HRV (JRC LPD)
■■■■■ (CUB)	CUB (Trends.Earth LPD)	CUB (FAO-WOCAT LPD)	CUB (JRC LPD)
■■■■■■■■■ (CUW)	CUW (Trends.Earth LPD)	CUW (FAO-WOCAT LPD)	CUW (JRC LPD)
■■■■■ (CYP)	CYP (Trends.Earth LPD)	CYP (FAO-WOCAT LPD)	CYP (JRC LPD)

■■■■■■■■■■

■■■■■■■■	■■■ 15.3.1 ■■■ ■■■■■■■ Trends.Earth LPD	■■■ 15.3.1 ■■■ ■■■■■■■ LPD FAO-WOCAT	■■■ 15.3.1 ■■■ ■■■■■■■ JRC LPD
■■■■■■■■■ ■■■■■■■■■■■■■ (CZE)	CZE (Trends.Earth LPD)	CZE (FAO-WOCAT LPD)	CZE (JRC LPD)
■■■■-■' ■■■■■■ (CIV)	CIV (Trends.Earth LPD)	CIV (FAO-WOCAT LPD)	CIV (JRC LPD)
■■■■■■■■■■■■■■■■■ ■■ ■■■■■■■■■■ ■■■■■■■■■■■■■ ■■■■■■■ (PRK)	PRK (Trends.Earth LPD)	PRK (FAO-WOCAT LPD)	PRK (JRC LPD)
■■■■■■■■■■■■■■■■■ ■■ ■■■■■■■■■■■■ ■■■■■■■ (COD)	COD (Trends.Earth LPD)	COD (FAO-WOCAT LPD)	COD (JRC LPD)
■■■■■■■ (DNK)	DNK (Trends.Earth LPD)	DNK (FAO-WOCAT LPD)	DNK (JRC LPD)
■■■■■■■■■ (DJI)	DJI (Trends.Earth LPD)	DJI (FAO-WOCAT LPD)	DJI (JRC LPD)
■■■■■■■■■■ (DMA)	DMA (Trends.Earth LPD)	DMA (FAO-WOCAT LPD)	DMA (JRC LPD)
■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■ (DOM)	DOM (Trends.Earth LPD)	DOM (FAO-WOCAT LPD)	DOM (JRC LPD)
■■■■■■■■■ (ECU)	ECU (Trends.Earth LPD)	ECU (FAO-WOCAT LPD)	ECU (JRC LPD)
■■■■■■■■■ (EGY)	EGY (Trends.Earth LPD)	EGY (FAO-WOCAT LPD)	EGY (JRC LPD)
■■■■■■■■■■■ (SLV)	SLV (Trends.Earth LPD)	SLV (FAO-WOCAT LPD)	SLV (JRC LPD)
■■■■■■■■■■■■■■■■■ ■ ■■■■■■■■ (GNQ)	GNQ (Trends.Earth LPD)	GNQ (FAO-WOCAT LPD)	GNQ (JRC LPD)
■■■■■■■■■ (ERI)	ERI (Trends.Earth LPD)	ERI (FAO-WOCAT LPD)	ERI (JRC LPD)
■■■■■■■ (EST)	EST (Trends.Earth LPD)	EST (FAO-WOCAT LPD)	EST (JRC LPD)
■■■■■■■■■■ (SWZ)	SWZ (Trends.Earth LPD)	SWZ (FAO-WOCAT LPD)	SWZ (JRC LPD)
■■■■■■■■■ (ETH)	ETH (Trends.Earth LPD)	ETH (FAO-WOCAT LPD)	ETH (JRC LPD)
■■■■■■■■■■■■■■■■■ ■■■■■■■■■ (■■■■■■■■■■■■■■■■■ ■■■■■■■■■) (FLK)	FLK (Trends.Earth LPD)	FLK (FAO-WOCAT LPD)	FLK (JRC LPD)
■■■■■■■■■■■ ■■■■■■■■■ (FRO)	FRO (Trends.Earth LPD)	FRO (FAO-WOCAT LPD)	FRO (JRC LPD)

■■■■■■■■■■

■■■■■■■■	■■■ 15.3.1 ■■■ ■■■■■■■ Trends.Earth LPD	■■■ 15.3.1 ■■■ ■■■■■■■ LPD FAO-WOCAT	■■■ 15.3.1 ■■■ ■■■■■■■ JRC LPD
■■■■■■■ (FJI)	FJI (Trends.Earth LPD)	FJI (FAO-WOCAT LPD)	FJI (JRC LPD)
■■■■■■■■■■■ (FIN)	FIN (Trends.Earth LPD)	FIN (FAO-WOCAT LPD)	FIN (JRC LPD)
■■■■■■■■■ (FRA)	FRA (Trends.Earth LPD)	FRA (FAO-WOCAT LPD)	FRA (JRC LPD)
■■■■■■■■■■■■■ ■■■■■■■ (GUF)	GUF (Trends.Earth LPD)	GUF (FAO-WOCAT LPD)	GUF (JRC LPD)
French Polynesia (PYF)	PYF (Trends.Earth LPD)	PYF (FAO-WOCAT LPD)	PYF (JRC LPD)
■■■■■■■ (GAB)	GAB (Trends.Earth LPD)	GAB (FAO-WOCAT LPD)	GAB (JRC LPD)
■■■■■■■ (GMB)	GMB (Trends.Earth LPD)	GMB (FAO-WOCAT LPD)	GMB (JRC LPD)
■■■■■■■ (GEO)	GEO (Trends.Earth LPD)	GEO (FAO-WOCAT LPD)	GEO (JRC LPD)
■■■■■■■■■ (DEU)	DEU (Trends.Earth LPD)	DEU (FAO-WOCAT LPD)	DEU (JRC LPD)
■■■■■ (GHA)	GHA (Trends.Earth LPD)	GHA (FAO-WOCAT LPD)	GHA (JRC LPD)
■■■■■■■■■■■ (GIB)	GIB (Trends.Earth LPD)	GIB (FAO-WOCAT LPD)	GIB (JRC LPD)
■■■■■■■ (GRC)	GRC (Trends.Earth LPD)	GRC (FAO-WOCAT LPD)	GRC (JRC LPD)
■■■■■■■■■■■■■ (GRL)	GRL (Trends.Earth LPD)	GRL (FAO-WOCAT LPD)	GRL (JRC LPD)
■■■■■■■■■ (GRD)	GRD (Trends.Earth LPD)	GRD (FAO-WOCAT LPD)	GRD (JRC LPD)
■■■■■■■■■■■ (GLP)	GLP (Trends.Earth LPD)	GLP (FAO-WOCAT LPD)	GLP (JRC LPD)
■■■■■ (GUM)	GUM (Trends.Earth LPD)	GUM (FAO-WOCAT LPD)	GUM (JRC LPD)
■■■■■■■■■■■■■ (GTM)	GTM (Trends.Earth LPD)	GTM (FAO-WOCAT LPD)	GTM (JRC LPD)
■■■■■■■ (GGY)	GGY (Trends.Earth LPD)	GGY (FAO-WOCAT LPD)	GGY (JRC LPD)
■■■■■■■ (GIN)	GIN (Trends.Earth LPD)	GIN (FAO-WOCAT LPD)	GIN (JRC LPD)
■■■■■■■-■■■■■■■ (GNB)	GNB (Trends.Earth LPD)	GNB (FAO-WOCAT LPD)	GNB (JRC LPD)

11/11/2019

	15.3.1 Trends.Earth LPD	15.3.1 LPD FAO-WOCAT	15.3.1 JRC LPD
(GUY)	GUY (Trends.Earth LPD)	GUY (FAO-WOCAT LPD)	GUY (JRC LPD)
(HTI)	HTI (Trends.Earth LPD)	HTI (FAO-WOCAT LPD)	HTI (JRC LPD)
(VAT)	VAT (Trends.Earth LPD)	VAT (FAO-WOCAT LPD)	VAT (JRC LPD)
(HND)	HND (Trends.Earth LPD)	HND (FAO-WOCAT LPD)	HND (JRC LPD)
(HUN)	HUN (Trends.Earth LPD)	HUN (FAO-WOCAT LPD)	HUN (JRC LPD)
(ISL)	ISL (Trends.Earth LPD)	ISL (FAO-WOCAT LPD)	ISL (JRC LPD)
(IND)	IND (Trends.Earth LPD)	IND (FAO-WOCAT LPD)	IND (JRC LPD)
(IDN)	IDN (Trends.Earth LPD)	IDN (FAO-WOCAT LPD)	IDN (JRC LPD)
() (IRN)	IRN (Trends.Earth LPD)	IRN (FAO-WOCAT LPD)	IRN (JRC LPD)
(IRQ)	IRQ (Trends.Earth LPD)	IRQ (FAO-WOCAT LPD)	IRQ (JRC LPD)
(IRL)	IRL (Trends.Earth LPD)	IRL (FAO-WOCAT LPD)	IRL (JRC LPD)
(IMN)	IMN (Trends.Earth LPD)	IMN (FAO-WOCAT LPD)	IMN (JRC LPD)
(ISR)	ISR (Trends.Earth LPD)	ISR (FAO-WOCAT LPD)	ISR (JRC LPD)
(ITA)	ITA (Trends.Earth LPD)	ITA (FAO-WOCAT LPD)	ITA (JRC LPD)
(JAM)	JAM (Trends.Earth LPD)	JAM (FAO-WOCAT LPD)	JAM (JRC LPD)
(JPN)	JPN (Trends.Earth LPD)	JPN (FAO-WOCAT LPD)	JPN (JRC LPD)
(JOR)	JOR (Trends.Earth LPD)	JOR (FAO-WOCAT LPD)	JOR (JRC LPD)
(KAZ)	KAZ (Trends.Earth LPD)	KAZ (FAO-WOCAT LPD)	KAZ (JRC LPD)
(KEN)	KEN (Trends.Earth LPD)	KEN (FAO-WOCAT LPD)	KEN (JRC LPD)
(KIR)	KIR (Trends.Earth LPD)	KIR (FAO-WOCAT LPD)	KIR (JRC LPD)

11/11/2019

15.3.1	15.3.1	15.3.1	15.3.1
	Trends.Earth LPD	FAO-WOCAT	JRC LPD
(XKX)	XKX (Trends.Earth LPD)	XKX (FAO-WOCAT LPD)	XKX (JRC LPD)
(KWT)	KWT (Trends.Earth LPD)	KWT (FAO-WOCAT LPD)	KWT (JRC LPD)
(KGZ)	KGZ (Trends.Earth LPD)	KGZ (FAO-WOCAT LPD)	KGZ (JRC LPD)
(LAO)	LAO (Trends.Earth LPD)	LAO (FAO-WOCAT LPD)	LAO (JRC LPD)
(LVA)	LVA (Trends.Earth LPD)	LVA (FAO-WOCAT LPD)	LVA (JRC LPD)
(LBN)	LBN (Trends.Earth LPD)	LBN (FAO-WOCAT LPD)	LBN (JRC LPD)
(LSO)	LSO (Trends.Earth LPD)	LSO (FAO-WOCAT LPD)	LSO (JRC LPD)
(LBR)	LBR (Trends.Earth LPD)	LBR (FAO-WOCAT LPD)	LBR (JRC LPD)
(LBY)	LBY (Trends.Earth LPD)	LBY (FAO-WOCAT LPD)	LBY (JRC LPD)
(LIE)	LIE (Trends.Earth LPD)	LIE (FAO-WOCAT LPD)	LIE (JRC LPD)
(LTU)	LTU (Trends.Earth LPD)	LTU (FAO-WOCAT LPD)	LTU (JRC LPD)
(LUX)	LUX (Trends.Earth LPD)	LUX (FAO-WOCAT LPD)	LUX (JRC LPD)
(MDG)	MDG (Trends.Earth LPD)	MDG (FAO-WOCAT LPD)	MDG (JRC LPD)
(MWI)	MWI (Trends.Earth LPD)	MWI (FAO-WOCAT LPD)	MWI (JRC LPD)
(MYS)	MYS (Trends.Earth LPD)	MYS (FAO-WOCAT LPD)	MYS (JRC LPD)
(MDV)	MDV (Trends.Earth LPD)	MDV (FAO-WOCAT LPD)	MDV (JRC LPD)
(MLI)	MLI (Trends.Earth LPD)	MLI (FAO-WOCAT LPD)	MLI (JRC LPD)
(MLT)	MLT (Trends.Earth LPD)	MLT (FAO-WOCAT LPD)	MLT (JRC LPD)
(MHL)	MHL (Trends.Earth LPD)	MHL (FAO-WOCAT LPD)	MHL (JRC LPD)

■■■■■■■■■■

■■■■■■■■■■	■■■ 15.3.1 ■■■ ■■■■■■■■ Trends.Earth LPD	■■■ 15.3.1 ■■■ ■■■■■■■■ LPD FAO-WOCAT	■■■ 15.3.1 ■■■ ■■■■■■■■ JRC LPD
■■■■■■■■■■ (MTQ)	MTQ (Trends.Earth LPD)	MTQ (FAO-WOCAT LPD)	MTQ (JRC LPD)
■■■■■■■■■■ (MRT)	MRT (Trends.Earth LPD)	MRT (FAO-WOCAT LPD)	MRT (JRC LPD)
■■■■■■■■■■ (MUS)	MUS (Trends.Earth LPD)	MUS (FAO-WOCAT LPD)	MUS (JRC LPD)
■■■■■■■■■■ (MYT)	MYT (Trends.Earth LPD)	MYT (FAO-WOCAT LPD)	MYT (JRC LPD)
■■■■■■■■■■ (MEX)	MEX (Trends.Earth LPD)	MEX (FAO-WOCAT LPD)	MEX (JRC LPD)
■■■■■■■■■■ (■■■■■■■■■■ ■■■■■■■■) (FSM)	FSM (Trends.Earth LPD)	FSM (FAO-WOCAT LPD)	FSM (JRC LPD)
■■■■■■■■ (MCO)	MCO (Trends.Earth LPD)	MCO (FAO-WOCAT LPD)	MCO (JRC LPD)
■■■■■■■■■■ (MNG)	MNG (Trends.Earth LPD)	MNG (FAO-WOCAT LPD)	MNG (JRC LPD)
■■■■■■■■■■ (MNE)	MNE (Trends.Earth LPD)	MNE (FAO-WOCAT LPD)	MNE (JRC LPD)
■■■■■■■■■■ (MSR)	MSR (Trends.Earth LPD)	MSR (FAO-WOCAT LPD)	MSR (JRC LPD)
■■■■■■■■■■ (MAR)	MAR (Trends.Earth LPD)	MAR (FAO-WOCAT LPD)	MAR (JRC LPD)
■■■■■■■■■■ (MOZ)	MOZ (Trends.Earth LPD)	MOZ (FAO-WOCAT LPD)	MOZ (JRC LPD)
■■■■■■■■ (MMR)	MMR (Trends.Earth LPD)	MMR (FAO-WOCAT LPD)	MMR (JRC LPD)
■■■■■■■■■■ (NAM)	NAM (Trends.Earth LPD)	NAM (FAO-WOCAT LPD)	NAM (JRC LPD)
■■■■■■■ (NRU)	NRU (Trends.Earth LPD)	NRU (FAO-WOCAT LPD)	NRU (JRC LPD)
■■■■■■■ (NPL)	NPL (Trends.Earth LPD)	NPL (FAO-WOCAT LPD)	NPL (JRC LPD)
■■■■■■■■■■■■■■■■ (NLD)	NLD (Trends.Earth LPD)	NLD (FAO-WOCAT LPD)	NLD (JRC LPD)
■■■■■■■ ■■■■■■■■■■■■■■■■ (NCL)	NCL (Trends.Earth LPD)	NCL (FAO-WOCAT LPD)	NCL (JRC LPD)
■■■■■■■ ■■■■■■■■■■■■■■■■■ (NZL)	NZL (Trends.Earth LPD)	NZL (FAO-WOCAT LPD)	NZL (JRC LPD)
■■■■■■■■■■■■■■■■ (NIC)	NIC (Trends.Earth LPD)	NIC (FAO-WOCAT LPD)	NIC (JRC LPD)

■■■■■■■■■■

■■■■■■■■	■■■ 15.3.1 ■■■ ■■■■■■■ Trends.Earth LPD	■■■ 15.3.1 ■■■ ■■■■■■■ LPD FAO-WOCAT	■■■ 15.3.1 ■■■ ■■■■■■■ JRC LPD
■■■■■■■ (NER)	NER (Trends.Earth LPD)	NER (FAO-WOCAT LPD)	NER (JRC LPD)
■■■■■■■■■ (NGA)	NGA (Trends.Earth LPD)	NGA (FAO-WOCAT LPD)	NGA (JRC LPD)
■■■■■ (NIU)	NIU (Trends.Earth LPD)	NIU (FAO-WOCAT LPD)	NIU (JRC LPD)
■■■■■■■■■■■ ■■■■■■■■■■■ (MKD)	MKD (Trends.Earth LPD)	MKD (FAO-WOCAT LPD)	MKD (JRC LPD)
■■■■■■■■■■■ ■■■■■■■■■■■■■ ■■■■■■■■■ (MNP)	MNP (Trends.Earth LPD)	MNP (FAO-WOCAT LPD)	MNP (JRC LPD)
■■■■■■■■■■■ (NOR)	NOR (Trends.Earth LPD)	NOR (FAO-WOCAT LPD)	NOR (JRC LPD)
■■■■■ (OMN)	OMN (Trends.Earth LPD)	OMN (FAO-WOCAT LPD)	OMN (JRC LPD)
■■■■■■■■■■■ (PAK)	PAK (Trends.Earth LPD)	PAK (FAO-WOCAT LPD)	PAK (JRC LPD)
■■■■■■■ (PLW)	PLW (Trends.Earth LPD)	PLW (FAO-WOCAT LPD)	PLW (JRC LPD)
■■■■■■■ (PAN)	PAN (Trends.Earth LPD)	PAN (FAO-WOCAT LPD)	PAN (JRC LPD)
■■■■■■■-■■■■■■■ ■■■■■■■ (PNG)	PNG (Trends.Earth LPD)	PNG (FAO-WOCAT LPD)	PNG (JRC LPD)
■■■■■■■■■■■ (PRY)	PRY (Trends.Earth LPD)	PRY (FAO-WOCAT LPD)	PRY (JRC LPD)
■■■■■ (PER)	PER (Trends.Earth LPD)	PER (FAO-WOCAT LPD)	PER (JRC LPD)
■■■■■■■■■■■ (PHL)	PHL (Trends.Earth LPD)	PHL (FAO-WOCAT LPD)	PHL (JRC LPD)
■■■■■■■■■ ■■■■■■■■■ (PCN)	PCN (Trends.Earth LPD)	PCN (FAO-WOCAT LPD)	PCN (JRC LPD)
■■■■■■■ (POL)	POL (Trends.Earth LPD)	POL (FAO-WOCAT LPD)	POL (JRC LPD)
■■■■■■■■■■■■■ (PRT)	PRT (Trends.Earth LPD)	PRT (FAO-WOCAT LPD)	PRT (JRC LPD)
■■■■■■■ (QAT)	QAT (Trends.Earth LPD)	QAT (FAO-WOCAT LPD)	QAT (JRC LPD)
■■■■■■■■■■■■■ ■■■■■■■ (KOR)	KOR (Trends.Earth LPD)	KOR (FAO-WOCAT LPD)	KOR (JRC LPD)
■■■■■■■■■ (MDA)	MDA (Trends.Earth LPD)	MDA (FAO-WOCAT LPD)	MDA (JRC LPD)

■■■■■■■■■■

■■■■■■■■	■■■ 15.3.1 ■■■ ■■■■■■■ Trends.Earth LPD	■■■ 15.3.1 ■■■ ■■■■■■■ LPD FAO-WOCAT	■■■ 15.3.1 ■■■ ■■■■■■■ JRC LPD
■■■■■■■■ (ROU)	ROU (Trends.Earth LPD)	ROU (FAO-WOCAT LPD)	ROU (JRC LPD)
■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ (RUS)	RUS (Trends.Earth LPD)	RUS (FAO-WOCAT LPD)	RUS (JRC LPD)
■■■■■■■■ (RWA)	RWA (Trends.Earth LPD)	RWA (FAO-WOCAT LPD)	RWA (JRC LPD)
■■■■■■■■ (REU)	REU (Trends.Earth LPD)	REU (FAO-WOCAT LPD)	REU (JRC LPD)
■■■■-■■■■■■■■■■■■■■■■■■■■ (BLM)	BLM (Trends.Earth LPD)	BLM (FAO-WOCAT LPD)■	BLM (JRC LPD)
■-■ ■■■■■■■■ ■■■■■■ (SHN)	SHN (Trends.Earth LPD)	SHN (FAO-WOCAT LPD)	SHN (JRC LPD)
■■■■■-■■■■■ ■ ■■■■■■ (KNA)	KNA (Trends.Earth LPD)	KNA (FAO-WOCAT LPD)	KNA (JRC LPD)
■■■■■-■■■■■■ (LCA)	LCA (Trends.Earth LPD)	LCA (FAO-WOCAT LPD)	LCA (JRC LPD)
■■■■■-■■■■■■■■■■ ■ ■■■■■■■■■■■■■■■■■■■■ (VCT)	VCT (Trends.Earth LPD)	VCT (FAO-WOCAT LPD)	VCT (JRC LPD)
■■■■■■ (WSM)	WSM (Trends.Earth LPD)	WSM (FAO-WOCAT LPD)	WSM (JRC LPD)
■■■■-■■■■■■■■ (SMR)	SMR (Trends.Earth LPD)	SMR (FAO-WOCAT LPD)	SMR (JRC LPD)
■■■■-■■■■■ ■ ■■■■■■■■■■■■■■■■■■■■ (STP)	STP (Trends.Earth LPD)	STP (FAO-WOCAT LPD)	STP (JRC LPD)
■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■ (SAU)	SAU (Trends.Earth LPD)	SAU (FAO-WOCAT LPD)	SAU (JRC LPD)
■■■■■■■■■■ (SEN)	SEN (Trends.Earth LPD)	SEN (FAO-WOCAT LPD)	SEN (JRC LPD)
■■■■■■■■ (SRB)	SRB (Trends.Earth LPD)	SRB (FAO-WOCAT LPD)	SRB (JRC LPD)
■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ (SYC)	SYC (Trends.Earth LPD)	SYC (FAO-WOCAT LPD)	SYC (JRC LPD)
■■■■■■■■■-■■■■■■■■ (SLE)	SLE (Trends.Earth LPD)	SLE (FAO-WOCAT LPD)	SLE (JRC LPD)
■■■■■■■■■■■■■■■■■■■■ (SGP)	SGP (Trends.Earth LPD)	SGP (FAO-WOCAT LPD)	SGP (JRC LPD)
■■■■■■■■■■■■■■■■■■■■ (SVK)	SVK (Trends.Earth LPD)	SVK (FAO-WOCAT LPD)	SVK (JRC LPD)
■■■■■■■■■■■■■■■■■■■■ (SVN)	SVN (Trends.Earth LPD)	SVN (FAO-WOCAT LPD)	SVN (JRC LPD)

11/11/2019

15.3.1	15.3.1	15.3.1	15.3.1
	Trends.Earth LPD	FAO-WOCAT	JRC LPD
(SLB)	SLB (Trends.Earth LPD)	SLB (FAO-WOCAT LPD)	SLB (JRC LPD)
(SOM)	SOM (Trends.Earth LPD)	SOM (FAO-WOCAT LPD)	SOM (JRC LPD)
(ZAF)	ZAF (Trends.Earth LPD)	ZAF (FAO-WOCAT LPD)	ZAF (JRC LPD)
(SSD)	SSD (Trends.Earth LPD)	SSD (FAO-WOCAT LPD)	SSD (JRC LPD)
(ESP)	ESP (Trends.Earth LPD)	ESP (FAO-WOCAT LPD)	ESP (JRC LPD)
(LKA)	LKA (Trends.Earth LPD)	LKA (FAO-WOCAT LPD)	LKA (JRC LPD)
(PSE)	PSE (Trends.Earth LPD)	PSE (FAO-WOCAT LPD)	PSE (JRC LPD)
(SDN)	SDN (Trends.Earth LPD)	SDN (FAO-WOCAT LPD)	SDN (JRC LPD)
(SUR)	SUR (Trends.Earth LPD)	SUR (FAO-WOCAT LPD)	SUR (JRC LPD)
(SWE)	SWE (Trends.Earth LPD)	SWE (FAO-WOCAT LPD)	SWE (JRC LPD)
(CHE)	CHE (Trends.Earth LPD)	CHE (FAO-WOCAT LPD)	CHE (JRC LPD)
(SYR)	SYR (Trends.Earth LPD)	SYR (FAO-WOCAT LPD)	SYR (JRC LPD)
(TWN)	TWN (Trends.Earth LPD)	TWN (FAO-WOCAT LPD)	TWN (JRC LPD)
(TJK)	TJK (Trends.Earth LPD)	TJK (FAO-WOCAT LPD)	TJK (JRC LPD)
(THA)	THA (Trends.Earth LPD)	THA (FAO-WOCAT LPD)	THA (JRC LPD)
(TLS)	TLS (Trends.Earth LPD)	TLS (FAO-WOCAT LPD)	TLS (JRC LPD)
(TGO)	TGO (Trends.Earth LPD)	TGO (FAO-WOCAT LPD)	TGO (JRC LPD)
(TKL)	TKL (Trends.Earth LPD)	TKL (FAO-WOCAT LPD)	TKL (JRC LPD)
(TON)	TON (Trends.Earth LPD)	TON (FAO-WOCAT LPD)	TON (JRC LPD)

11/11/2019

	15.3.1 Trends.Earth LPD	15.3.1 LPD FAO-WOCAT	15.3.1 JRC LPD
(TTO)	TTO (Trends.Earth LPD)	TTO (FAO-WOCAT LPD)	TTO (JRC LPD)
(TUN)	TUN (Trends.Earth LPD)	TUN (FAO-WOCAT LPD)	TUN (JRC LPD)
(TUR)	TUR (Trends.Earth LPD)	TUR (FAO-WOCAT LPD)	TUR (JRC LPD)
(TKM)	TKM (Trends.Earth LPD)	TKM (FAO-WOCAT LPD)	TKM (JRC LPD)
(TCA)	TCA (Trends.Earth LPD)	TCA (FAO-WOCAT LPD)	TCA (JRC LPD)
(TUV)	TUV (Trends.Earth LPD)	TUV (FAO-WOCAT LPD)	TUV (JRC LPD)
(UGA)	UGA (Trends.Earth LPD)	UGA (FAO-WOCAT LPD)	UGA (JRC LPD)
(UKR)	UKR (Trends.Earth LPD)	UKR (FAO-WOCAT LPD)	UKR (JRC LPD)
(ARE)	ARE (Trends.Earth LPD)	ARE (FAO-WOCAT LPD)	ARE (JRC LPD)
(GBR)	GBR (Trends.Earth LPD)	GBR (FAO-WOCAT LPD)	GBR (JRC LPD)
(TZA)	TZA (Trends.Earth LPD)	TZA (FAO-WOCAT LPD)	TZA (JRC LPD)
(VIR)	VIR (Trends.Earth LPD)	VIR (FAO-WOCAT LPD)	VIR (JRC LPD)
(USA)	USA (Trends.Earth LPD)	USA (FAO-WOCAT LPD)	USA (JRC LPD)
(URY)	URY (Trends.Earth LPD)	URY (FAO-WOCAT LPD)	URY (JRC LPD)
(UZB)	UZB (Trends.Earth LPD)	UZB (FAO-WOCAT LPD)	UZB (JRC LPD)
(VUT)	VUT (Trends.Earth LPD)	VUT (FAO-WOCAT LPD)	VUT (JRC LPD)
(VEN)	VEN (Trends.Earth LPD)	VEN (FAO-WOCAT LPD)	VEN (JRC LPD)
(VNM)	VNM (Trends.Earth LPD)	VNM (FAO-WOCAT LPD)	VNM (JRC LPD)

15.3.1 Trends.Earth LPD 15.3.1 LPD FAO-WOCAT 15.3.1 JRC LPD
(WLF) WLF (Trends.Earth LPD) WLF (FAO-WOCAT LPD) WLF (JRC LPD)
(YEM) YEM (Trends.Earth LPD) YEM (FAO-WOCAT LPD) YEM (JRC LPD)
(ZMB) ZMB (Trends.Earth LPD) ZMB (FAO-WOCAT LPD) ZMB (JRC LPD)
(ZWE) ZWE (Trends.Earth LPD) ZWE (FAO-WOCAT LPD) ZWE (JRC LPD)

[illegible]

3 (https://www.unccd.int/resources/manuals-and-guides/good-practice-guidance-national-reporting-unccd-strategic-objective-3). (SPI) 12- Global Multi-Index Drought (GMID) UK-CEH, — SPI, Trends.Earth CHIRPS.

CHIRPS — **CH**IRP**S** **50° N. 50° S.**, **1981** **1982**, **1983**, **1984**, **1985**, **1986**, **1987**, **1988**, **1989**, **1990**, **1991**, **1992**, **1993**, **1994**, **1995**, **1996**, **1997**, **1998**, **1999**, **2000**, **2001**, **2002**, **2003**, **2004**, **2005**, **2006**, **2007**, **2008**, **2009**, **2010**, **2011**, **2012**, **2013**, **2014**, **2015**, **2016**, **2017**, **2018**, **2019**, **2020**, **2021**, **2022**, **2023**, **2024**, **2025**, **2026**, **2027**, **2028**, **2029**, **2030**, **2031**, **2032**, **2033**, **2034**, **2035**, **2036**, **2037**, **2038**, **2039**, **2040**, **2041**, **2042**, **2043**, **2044**, **2045**, **2046**, **2047**, **2048**, **2049**, **2050**, **2051**, **2052**, **2053**, **2054**, **2055**, **2056**, **2057**, **2058**, **2059**, **2060**, **2061**, **2062**, **2063**, **2064**, **2065**, **2066**, **2067**, **2068**, **2069**, **2070**, **2071**, **2072**, **2073**, **2074**, **2075**, **2076**, **2077**, **2078**, **2079**, **2080**, **2081**, **2082**, **2083**, **2084**, **2085**, **2086**, **2087**, **2088**, **2089**, **2090**, **2091**, **2092**, **2093**, **2094**, **2095**, **2096**, **2097**, **2098**, **2099**, **2100**, **2101**, **2102**, **2103**, **2104**, **2105**, **2106**, **2107**, **2108**, **2109**, **2110**, **2111**, **2112**, **2113**, **2114**, **2115**, **2116**, **2117**, **2118**, **2119**, **2120**, **2121**, **2122**, **2123**, **2124**, **2125**, **2126**, **2127**, **2128**, **2129**, **2130**, **2131**, **2132**, **2133**, **2134**, **2135**, **2136**, **2137**, **2138**, **2139**, **2140**, **2141**, **2142**, **2143**, **2144**, **2145**, **2146**, **2147**, **2148**, **2149**, **2150**, **2151**, **2152**, **2153**, **2154**, **2155**, **2156**, **2157**, **2158**, **2159**, **2160**, **2161**, **2162**, **2163**, **2164**, **2165**, **2166**, **2167**, **2168**, **2169**, **2170**, **2171**, **2172**, **2173**, **2174**, **2175**, **2176**, **2177**, **2178**, **2179**, **2180**, **2181**, **2182**, **2183**, **2184**, **2185**, **2186**, **2187**, **2188**, **2189**, **2190**, **2191**, **2192**, **2193**, **2194**, **2195**, **2196**, **2197**, **2198**, **2199**, **2200**, **2201**, **2202**, **2203**, **2204**, **2205**, **2206**, **2207**, **2208**, **2209**, **2210**, **2211**, **2212**, **2213**, **2214**, **2215**, **2216**, **2217**, **2218**, **2219**, **2220**, **2221**, **2222**, **2223**, **2224**, **2225**, **2226**, **2227**, **2228**, **2229**, **2230**, **2231**, **2232**, **2233**, **2234**, **2235**, **2236**, **2237**, **2238**, **2239**, **2240**, **2241**, **2242**, **2243**, **2244**, **2245**, **2246**, **2247**, **2248**, **2249**, **2250**, **2251**, **2252**, **2253**, **2254**, **2255**, **2256**, **2257**, **2258**, **2259**, **2260**, **2261**, **2262**, **2263**, **2264**, **2265**, **2266**, **2267**, **2268**, **2269**, **2270**, **2271**, **2272**, **2273**, **2274**, **2275**, **2276**, **2277**, **2278**, **2279**, **2280**, **2281**, **2282**, **2283**, **2284**, **2285**, **2286**, **2287**, **2288**, **2289**, **2290**, **2291**, **2292**, **2293**, **2294**, **2295**, **2296**, **2297**, **2298**, **2299**, **2300**, **2301**, **2302**, **2303**, **2304**, **2305**, **2306**, **2307**, **2308**, **2309**, **2310**, **2311**, **2312**, **2313**, **2314**, **2315**, **2316**, **2317**, **2318**, **2319**, **2320**, **2321**, **2322**, **2323**, **2324**, **2325**, **2326**, **2327**, **2328**, **2329**, **2330**, **2331**, **2332**, **2333**, **2334**, **2335**, **2336**, **2337**, **2338**, **2339**, **2340**, **2341**, **2342**, **2343**, **2344**, **2345**, **2346**, **2347**, **2348**, **2349**, **2350**, **2351**, **2352**, **2353**, **2354**, **2355**, **2356**, **2357**, **2358**, **2359**, **2360**, **2361**, **2362**, **2363**, **2364**, **2365**, **2366**, **2367**, **2368**, **2369**, **2370**, **2371**, **2372**, **2373**, **2374**, **2375**, **2376**, **2377**, **2378**, **2379**, **2380**, **2381**, **2382**, **2383**, **2384**, **2385**, **2386**,

	(UK-CEH SPI)	(CHIRPS SPI)
(AFG)	AFG (UK-CEH)	AFG (CHIRPS)
(ALB)	ALB (UK-CEH)	ALB (CHIRPS)
(DZA)	DZA (UK-CEH)	DZA (CHIRPS)
(ASM)	ASM (UK-CEH)	ASM (CHIRPS)
(AND)	AND (UK-CEH)	AND (CHIRPS)
(AGO)	AGO (UK-CEH)	AGO (CHIRPS)
(AIA)	AIA (UK-CEH)	AIA (CHIRPS)
(ATG)	ATG (UK-CEH)	ATG (CHIRPS)
(ARG)	ARG (UK-CEH)	ARG (CHIRPS)

□ □ □ □ □ □ □ □

■■■■■■■	■■■■■■■■■■ ■■■■■■ (UK-CEH SPI)	■■■■■■■■■■ ■■■■■■ (CHIRPS SPI)
■■■■■■■■■ (ARM)	ARM (UK-CEH)	ARM (CHIRPS)
■■■■■■■ (ABW)	ABW (UK-CEH)	ABW (CHIRPS)
■■■■■■■■■■■ (AUS)	AUS (UK-CEH)	AUS (CHIRPS)
■■■■■■■■■ (AUT)	AUT (UK-CEH)	AUT (CHIRPS)
■■■■■■■■■■■■■ (AZE)	AZE (UK-CEH)	AZE (CHIRPS)
■■■■■■■■■■■ ■■■■■■■■ (BHS)	BHS (UK-CEH)	BHS (CHIRPS)
■■■■■■■■■ (BHR)	BHR (UK-CEH)	BHR (CHIRPS)
■■■■■■■■■■■ (BGD)	BGD (UK-CEH)	BGD (CHIRPS)
■■■■■■■■■■■ (BRB)	BRB (UK-CEH)	BRB (CHIRPS)
■■■■■■■■■■■ (BLR)	BLR (UK-CEH)	BLR (CHIRPS)
■■■■■■■■■ (BEL)	BEL (UK-CEH)	BEL (CHIRPS)
■■■■■■■ (BLZ)	BLZ (UK-CEH)	BLZ (CHIRPS)
■■■■■■■ (BEN)	BEN (UK-CEH)	BEN (CHIRPS)
■■■■■■■■■■■ ■■■■■■■■ (BMU)	BMU (UK-CEH)	BMU (CHIRPS)
■■■■■■■ (BTN)	BTN (UK-CEH)	BTN (CHIRPS)
■■■■■■■■■ (■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■) (BOL)	BOL (UK-CEH)	BOL (CHIRPS)
■■■■■■■■■, ■■■■■-■■■■■■■■■■ ■■■■■ (BES)	BES (UK-CEH)	BES (CHIRPS)
■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■ (BIH)	BIH (UK-CEH)	BIH (CHIRPS)
■■■■■■■■■■■ (BWA)	BWA (UK-CEH)	BWA (CHIRPS)
■■■■■■■■■■■ (BRA)	BRA (UK-CEH)	BRA (CHIRPS)
■■■■■■■■■■■■■ ■■■■■■■■■■■■■ ■■■■■■■■ (VGB)	VGB (UK-CEH)	VGB (CHIRPS)
■■■■■■■■■-■■■■■■■■■■■■■■■■■■ (BRN)	BRN (UK-CEH)	BRN (CHIRPS)
■■■■■■■■■■■ (BGR)	BGR (UK-CEH)	BGR (CHIRPS)
■■■■■■■■■■■-■■■■■ (BFA)	BFA (UK-CEH)	BFA (CHIRPS)
■■■■■■■■■ (BDI)	BDI (UK-CEH)	BDI (CHIRPS)
■■■■■-■■■■■■■ (CPV)	CPV (UK-CEH)	CPV (CHIRPS)
■■■■■■■■■■■ (KHM)	KHM (UK-CEH)	KHM (CHIRPS)
■■■■■■■■■ (CMR)	CMR (UK-CEH)	CMR (CHIRPS)

11/11/2019

	(UK-CEH SPI)	(CHIRPS SPI)
(CAN)	CAN (UK-CEH)	CAN (CHIRPS)
(CYM)	CYM (UK-CEH)	CYM (CHIRPS)
(CAF)	CAF (UK-CEH)	CAF (CHIRPS)
(TCD)	TCD (UK-CEH)	TCD (CHIRPS)
(CHL)	CHL (UK-CEH)	CHL (CHIRPS)
(CHN)	CHN (UK-CEH)	CHN (CHIRPS)
(COL)	COL (UK-CEH)	COL (CHIRPS)
(COM)	COM (UK-CEH)	COM (CHIRPS)
(COG)	COG (UK-CEH)	COG (CHIRPS)
(COK)	COK (UK-CEH)	COK (CHIRPS)
(CRI)	CRI (UK-CEH)	CRI (CHIRPS)
(HRV)	HRV (UK-CEH)	HRV (CHIRPS)
(CUB)	CUB (UK-CEH)	CUB (CHIRPS)
(CUW)	CUW (UK-CEH)	CUW (CHIRPS)
(CYP)	CYP (UK-CEH)	CYP (CHIRPS)
(CZE)	CZE (UK-CEH)	CZE (CHIRPS)
(CIV)	CIV (UK-CEH)	CIV (CHIRPS)
(PRK)	PRK (UK-CEH)	PRK (CHIRPS)
(COD)	COD (UK-CEH)	COD (CHIRPS)
(DNK)	DNK (UK-CEH)	DNK (CHIRPS)
(DJI)	DJI (UK-CEH)	DJI (CHIRPS)
(DMA)	DMA (UK-CEH)	DMA (CHIRPS)
(DOM)	DOM (UK-CEH)	DOM (CHIRPS)
(ECU)	ECU (UK-CEH)	ECU (CHIRPS)
(EGY)	EGY (UK-CEH)	EGY (CHIRPS)
(SLV)	SLV (UK-CEH)	SLV (CHIRPS)
(GNQ)	GNQ (UK-CEH)	GNQ (CHIRPS)
(ERI)	ERI (UK-CEH)	ERI (CHIRPS)

□ □ □ □ □ □ □

	(UK-CEH SPI)	(CHIRPS SPI)
(EST)	EST (UK-CEH)	EST (CHIRPS)
(SWZ)	SWZ (UK-CEH)	SWZ (CHIRPS)
(ETH)	ETH (UK-CEH)	ETH (CHIRPS)
(FLK)	FLK (UK-CEH)	FLK (CHIRPS)
(FRO)	FRO (UK-CEH)	FRO (CHIRPS)
(FJI)	FJI (UK-CEH)	FJI (CHIRPS)
(FIN)	FIN (UK-CEH)	FIN (CHIRPS)
(FRA)	FRA (UK-CEH)	FRA (CHIRPS)
(GUF)	GUF (UK-CEH)	GUF (CHIRPS)
French Polynesia (PYF)	PYF (UK-CEH)	PYF (CHIRPS)
(GAB)	GAB (UK-CEH)	GAB (CHIRPS)
(GMB)	GMB (UK-CEH)	GMB (CHIRPS)
(GEO)	GEO (UK-CEH)	GEO (CHIRPS)
(DEU)	DEU (UK-CEH)	DEU (CHIRPS)
(GHA)	GHA (UK-CEH)	GHA (CHIRPS)
(GIB)	GIB (UK-CEH)	GIB (CHIRPS)
(GRC)	GRC (UK-CEH)	GRC (CHIRPS)
(GRL)	GRL (UK-CEH)	GRL (CHIRPS)
(GRD)	GRD (UK-CEH)	GRD (CHIRPS)
(GLP)	GLP (UK-CEH)	GLP (CHIRPS)
(GUM)	GUM (UK-CEH)	GUM (CHIRPS)
(GTM)	GTM (UK-CEH)	GTM (CHIRPS)
(GGY)	GGY (UK-CEH)	GGY (CHIRPS)
(GIN)	GIN (UK-CEH)	GIN (CHIRPS)
- (GNB)	GNB (UK-CEH)	GNB (CHIRPS)
(GUY)	GUY (UK-CEH)	GUY (CHIRPS)
(HTI)	HTI (UK-CEH)	HTI (CHIRPS)
(VAT)	VAT (UK-CEH)	VAT (CHIRPS)
(HND)	HND (UK-CEH)	HND (CHIRPS)
(HUN)	HUN (UK-CEH)	HUN (CHIRPS)
(ISL)	ISL (UK-CEH)	ISL (CHIRPS)
(IND)	IND (UK-CEH)	IND (CHIRPS)

11/11/2019

	(UK-CEH SPI)	(CHIRPS SPI)
IDN	IDN (UK-CEH)	IDN (CHIRPS)
IRN	IRN (UK-CEH)	IRN (CHIRPS)
IRQ	IRQ (UK-CEH)	IRQ (CHIRPS)
IRL	IRL (UK-CEH)	IRL (CHIRPS)
IMN	IMN (UK-CEH)	IMN (CHIRPS)
ISR	ISR (UK-CEH)	ISR (CHIRPS)
ITA	ITA (UK-CEH)	ITA (CHIRPS)
JAM	JAM (UK-CEH)	JAM (CHIRPS)
JPN	JPN (UK-CEH)	JPN (CHIRPS)
JOR	JOR (UK-CEH)	JOR (CHIRPS)
KAZ	KAZ (UK-CEH)	KAZ (CHIRPS)
KEN	KEN (UK-CEH)	KEN (CHIRPS)
KIR	KIR (UK-CEH)	KIR (CHIRPS)
XKX	XKX (UK-CEH)	XKX (CHIRPS)
KWT	KWT (UK-CEH)	KWT (CHIRPS)
KGZ	KGZ (UK-CEH)	KGZ (CHIRPS)
LAO	LAO (UK-CEH)	LAO (CHIRPS)
LVA	LVA (UK-CEH)	LVA (CHIRPS)
LBN	LBN (UK-CEH)	LBN (CHIRPS)
LSO	LSO (UK-CEH)	LSO (CHIRPS)
LBR	LBR (UK-CEH)	LBR (CHIRPS)
LBY	LBY (UK-CEH)	LBY (CHIRPS)
LIE	LIE (UK-CEH)	LIE (CHIRPS)
LTU	LTU (UK-CEH)	LTU (CHIRPS)
LUX	LUX (UK-CEH)	LUX (CHIRPS)
MDG	MDG (UK-CEH)	MDG (CHIRPS)
MWI	MWI (UK-CEH)	MWI (CHIRPS)
MYS	MYS (UK-CEH)	MYS (CHIRPS)
MDV	MDV (UK-CEH)	MDV (CHIRPS)
MLI	MLI (UK-CEH)	MLI (CHIRPS)
MLT	MLT (UK-CEH)	MLT (CHIRPS)
MHL	MHL (UK-CEH)	MHL (CHIRPS)

11111111

	(UK-CEH SPI)	(CHIRPS SPI)
MTQ	MTQ (UK-CEH)	MTQ (CHIRPS)
MRT	MRT (UK-CEH)	MRT (CHIRPS)
MUS	MUS (UK-CEH)	MUS (CHIRPS)
MYT	MYT (UK-CEH)	MYT (CHIRPS)
MEX	MEX (UK-CEH)	MEX (CHIRPS)
FSM	FSM (UK-CEH)	FSM (CHIRPS)
MCO	MCO (UK-CEH)	MCO (CHIRPS)
MNG	MNG (UK-CEH)	MNG (CHIRPS)
MNE	MNE (UK-CEH)	MNE (CHIRPS)
MSR	MSR (UK-CEH)	MSR (CHIRPS)
MAR	MAR (UK-CEH)	MAR (CHIRPS)
MOZ	MOZ (UK-CEH)	MOZ (CHIRPS)
MMR	MMR (UK-CEH)	MMR (CHIRPS)
NAM	NAM (UK-CEH)	NAM (CHIRPS)
NRU	NRU (UK-CEH)	NRU (CHIRPS)
NPL	NPL (UK-CEH)	NPL (CHIRPS)
NLD	NLD (UK-CEH)	NLD (CHIRPS)
NCL	NCL (UK-CEH)	NCL (CHIRPS)
NZL	NZL (UK-CEH)	NZL (CHIRPS)
NIC	NIC (UK-CEH)	NIC (CHIRPS)
NER	NER (UK-CEH)	NER (CHIRPS)
NGA	NGA (UK-CEH)	NGA (CHIRPS)
NIU	NIU (UK-CEH)	NIU (CHIRPS)
MKD	MKD (UK-CEH)	MKD (CHIRPS)
MNP	MNP (UK-CEH)	MNP (CHIRPS)
NOR	NOR (UK-CEH)	NOR (CHIRPS)
OMN	OMN (UK-CEH)	OMN (CHIRPS)
PAK	PAK (UK-CEH)	PAK (CHIRPS)
PLW	PLW (UK-CEH)	PLW (CHIRPS)
PAN	PAN (UK-CEH)	PAN (CHIRPS)
PNG	PNG (UK-CEH)	PNG (CHIRPS)

□ □ □ □ □ □ □ □

	(UK-CEH SPI)	(CHIRPS SPI)
PRY (PRY)	PRY (UK-CEH)	PRY (CHIRPS)
PER (PER)	PER (UK-CEH)	PER (CHIRPS)
PHL (PHL)	PHL (UK-CEH)	PHL (CHIRPS)
PCN (PCN)	PCN (UK-CEH)	PCN (CHIRPS)
POL (POL)	POL (UK-CEH)	POL (CHIRPS)
PRT (PRT)	PRT (UK-CEH)	PRT (CHIRPS)
QAT (QAT)	QAT (UK-CEH)	QAT (CHIRPS)
KOR (KOR)	KOR (UK-CEH)	KOR (CHIRPS)
MDA (MDA)	MDA (UK-CEH)	MDA (CHIRPS)
ROU (ROU)	ROU (UK-CEH)	ROU (CHIRPS)
RUS (RUS)	RUS (UK-CEH)	RUS (CHIRPS)
RWA (RWA)	RWA (UK-CEH)	RWA (CHIRPS)
REU (REU)	REU (UK-CEH)	REU (CHIRPS)
BLM (BLM)	BLM (UK-CEH)	BLM (CHIRPS)
SHN (SHN)	SHN (UK-CEH)	SHN (CHIRPS)
KNA (KNA)	KNA (UK-CEH)	KNA (CHIRPS)
LCA (LCA)	LCA (UK-CEH)	LCA (CHIRPS)
VCT (VCT)	VCT (UK-CEH)	VCT (CHIRPS)
WSM (WSM)	WSM (UK-CEH)	WSM (CHIRPS)
SMR (SMR)	SMR (UK-CEH)	SMR (CHIRPS)
STP (STP)	STP (UK-CEH)	STP (CHIRPS)
SAU (SAU)	SAU (UK-CEH)	SAU (CHIRPS)
SEN (SEN)	SEN (UK-CEH)	SEN (CHIRPS)
SRB (SRB)	SRB (UK-CEH)	SRB (CHIRPS)
SYC (SYC)	SYC (UK-CEH)	SYC (CHIRPS)
SLE (SLE)	SLE (UK-CEH)	SLE (CHIRPS)
SGP (SGP)	SGP (UK-CEH)	SGP (CHIRPS)
SVK (SVK)	SVK (UK-CEH)	SVK (CHIRPS)
SVN (SVN)	SVN (UK-CEH)	SVN (CHIRPS)

■■■■■■■■

	(UK-CEH SPI)	(CHIRPS SPI)
SLB	SLB (UK-CEH)	SLB (CHIRPS)
SOM	SOM (UK-CEH)	SOM (CHIRPS)
ZAF	ZAF (UK-CEH)	ZAF (CHIRPS)
SSD	SSD (UK-CEH)	SSD (CHIRPS)
ESP	ESP (UK-CEH)	ESP (CHIRPS)
LKA	LKA (UK-CEH)	LKA (CHIRPS)
PSE	PSE (UK-CEH)	PSE (CHIRPS)
SDN	SDN (UK-CEH)	SDN (CHIRPS)
SUR	SUR (UK-CEH)	SUR (CHIRPS)
SWE	SWE (UK-CEH)	SWE (CHIRPS)
CHE	CHE (UK-CEH)	CHE (CHIRPS)
SYR	SYR (UK-CEH)	SYR (CHIRPS)
TWN	TWN (UK-CEH)	TWN (CHIRPS)
TJK	TJK (UK-CEH)	TJK (CHIRPS)
THA	THA (UK-CEH)	THA (CHIRPS)
TLS	TLS (UK-CEH)	TLS (CHIRPS)
TGO	TGO (UK-CEH)	TGO (CHIRPS)
TKL	TKL (UK-CEH)	TKL (CHIRPS)
TON	TON (UK-CEH)	TON (CHIRPS)
TTO	TTO (UK-CEH)	TTO (CHIRPS)
TUN	TUN (UK-CEH)	TUN (CHIRPS)
TUR	TUR (UK-CEH)	TUR (CHIRPS)
TKM	TKM (UK-CEH)	TKM (CHIRPS)
TCA	TCA (UK-CEH)	TCA (CHIRPS)
TUV	TUV (UK-CEH)	TUV (CHIRPS)
UGA	UGA (UK-CEH)	UGA (CHIRPS)
UKR	UKR (UK-CEH)	UKR (CHIRPS)
ARE	ARE (UK-CEH)	ARE (CHIRPS)
GBR	GBR (UK-CEH)	GBR (CHIRPS)

□ □ □ □ □ □ □ □

	(UK-CEH SPI)	(CHIRPS SPI)
(TZA)	TZA (UK-CEH)	TZA (CHIRPS)
(VIR)	VIR (UK-CEH)	VIR (CHIRPS)
(USA)	USA (UK-CEH)	USA (CHIRPS)
(URY)	URY (UK-CEH)	URY (CHIRPS)
(UZB)	UZB (UK-CEH)	UZB (CHIRPS)
(VUT)	VUT (UK-CEH)	VUT (CHIRPS)
((VEN)	VEN (UK-CEH)	VEN (CHIRPS)
(VNM)	VNM (UK-CEH)	VNM (CHIRPS)
(WLF)	WLF (UK-CEH)	WLF (CHIRPS)
(YEM)	YEM (UK-CEH)	YEM (CHIRPS)
(ZMB)	ZMB (UK-CEH)	ZMB (CHIRPS)
(ZWE)	ZWE (UK-CEH)	ZWE (CHIRPS)