



“The data needs for the Sustainable Development Goals are great, and time is not on our side.

Reliable, timely, accessible and disaggregated geospatial information must be brought to bear to measure progress, inform decision-making and ensure effective and inclusive national and sub-national programs.”

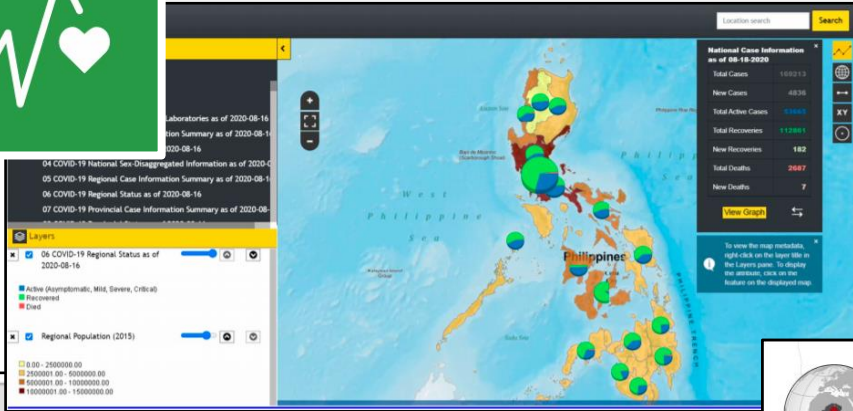
- António Guterres, Secretary-General of the United Nations



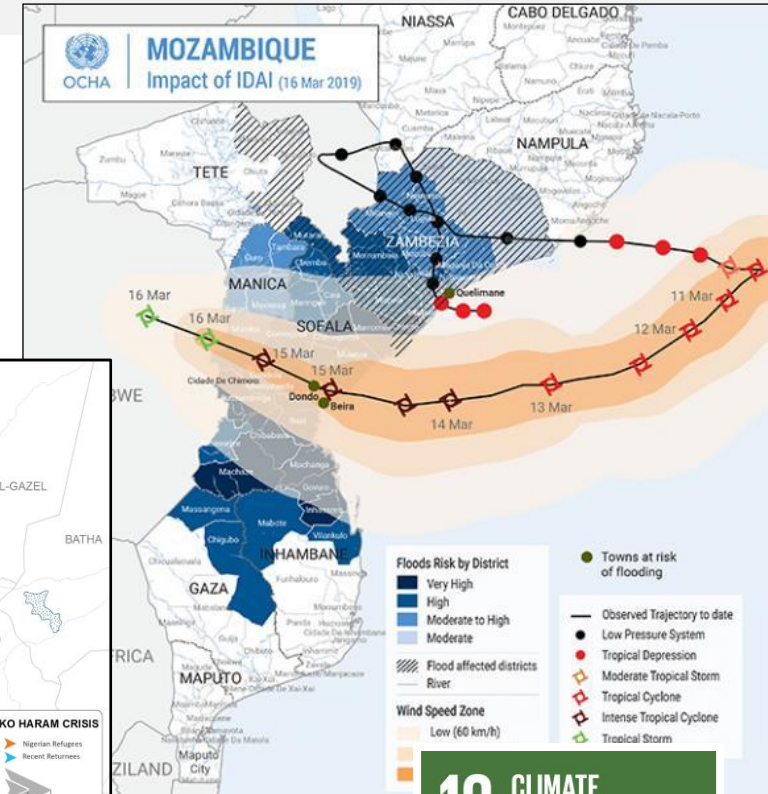
3 GOOD HEALTH AND WELL-BEING



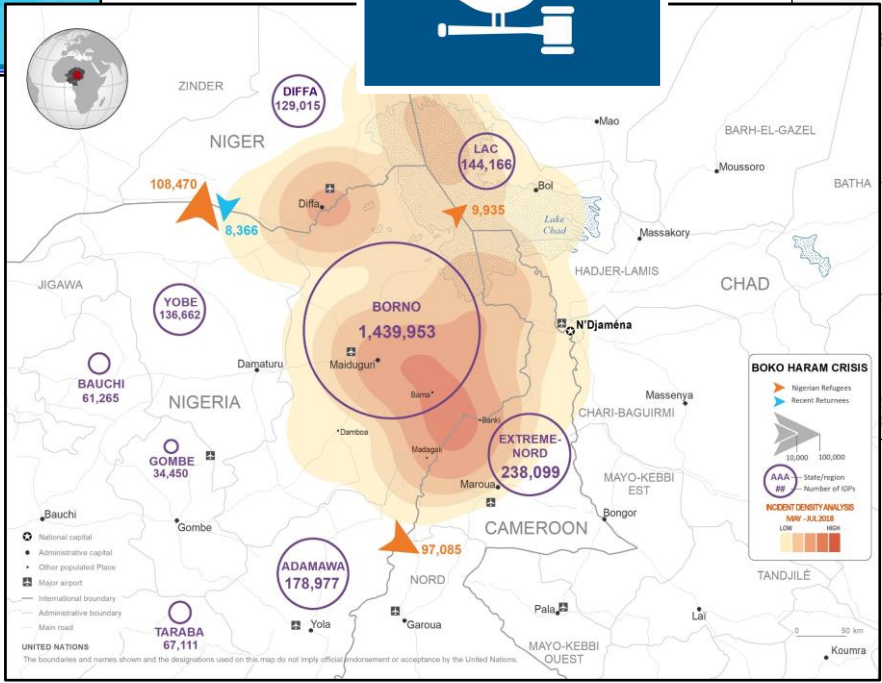
SALB Programme



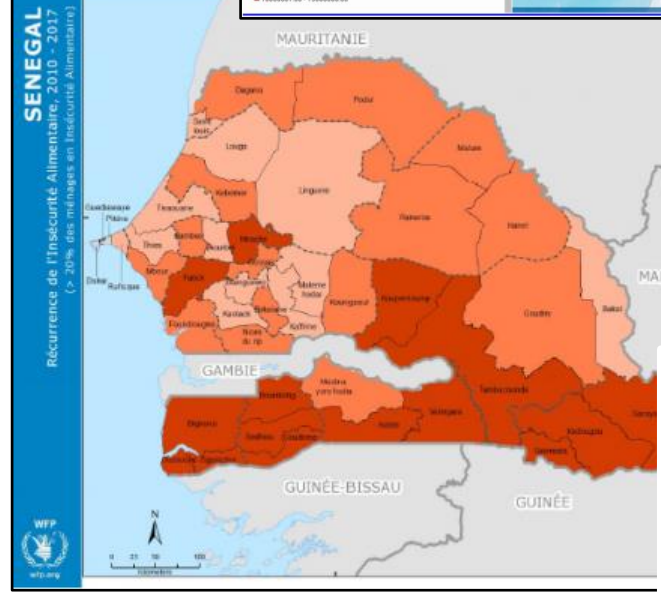
16 PEACE, JUSTICE AND STRONG INSTITUTIONS



13 CLIMATE ACTION



2 ZERO HUNGER



Objectives

Common geographies, or administrative units, are critical to compare areas, sub-national and regional levels for decision-makers within and between countries, and across sectors, ministries or SDGs



Agriculture



Health



Gender



Water



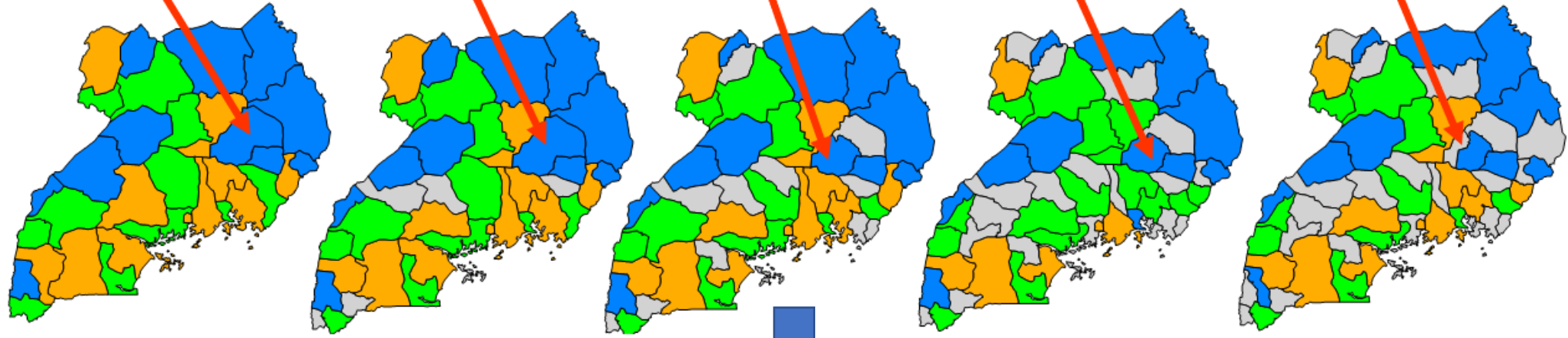
Inequalities



Disasters

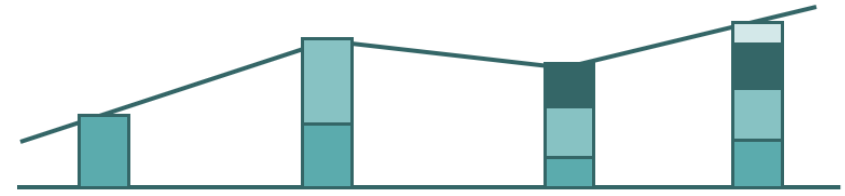


01.01.1990-14.03.1991	15.03.1991-20.03.1997	21.03.1997-27.11.2000	28.11.2000-30.06.2001	01.07.2001-11.03.2004
Kampala	Kampala	Kampala	Kampala	Kampala
Kamuli	Kamuli	Kamuli	Kamuli	Kamuli
Kapchorwa	Kapchorwa	Kapchorwa	Kapchorwa	Kapchorwa
Kasese	Kasese	Kasese	Kasese	Kasese
Soroti	Soroti	Katakwi	Katakwi	Katakwi
		Soroti	Soroti	Soroti
Mubende	Kiboga	Kiboga	Kiboga	Kiboga
	Mubende	Mubende	Mubende	Mubende
Kitgum	Kitgum	Kitgum	Kitgum	Kitgum
			Pader	Pader



2016	2017	2018	2019

District level historic changes

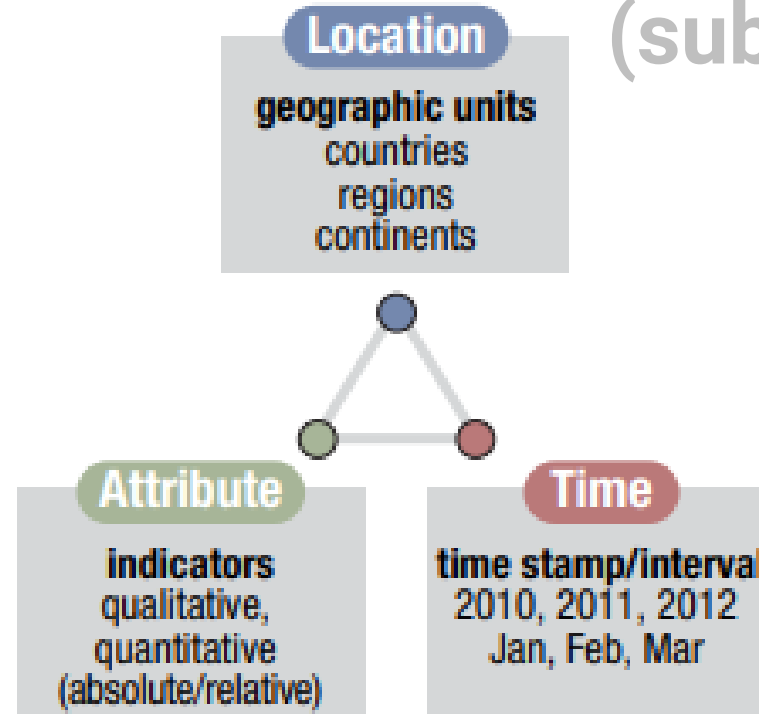


District level number of positive malaria case

What is needed ?

Geography
(subnational units)

Statistics
(integration)



Validity

Figure 1.2-1: Components of geospatial data. Geospatial data include location, attributes, and time.



What for?

Extraction

Disaggregation (larger dataset)

Aggregation (point within)

Integration (statistics)

Generation of statistics

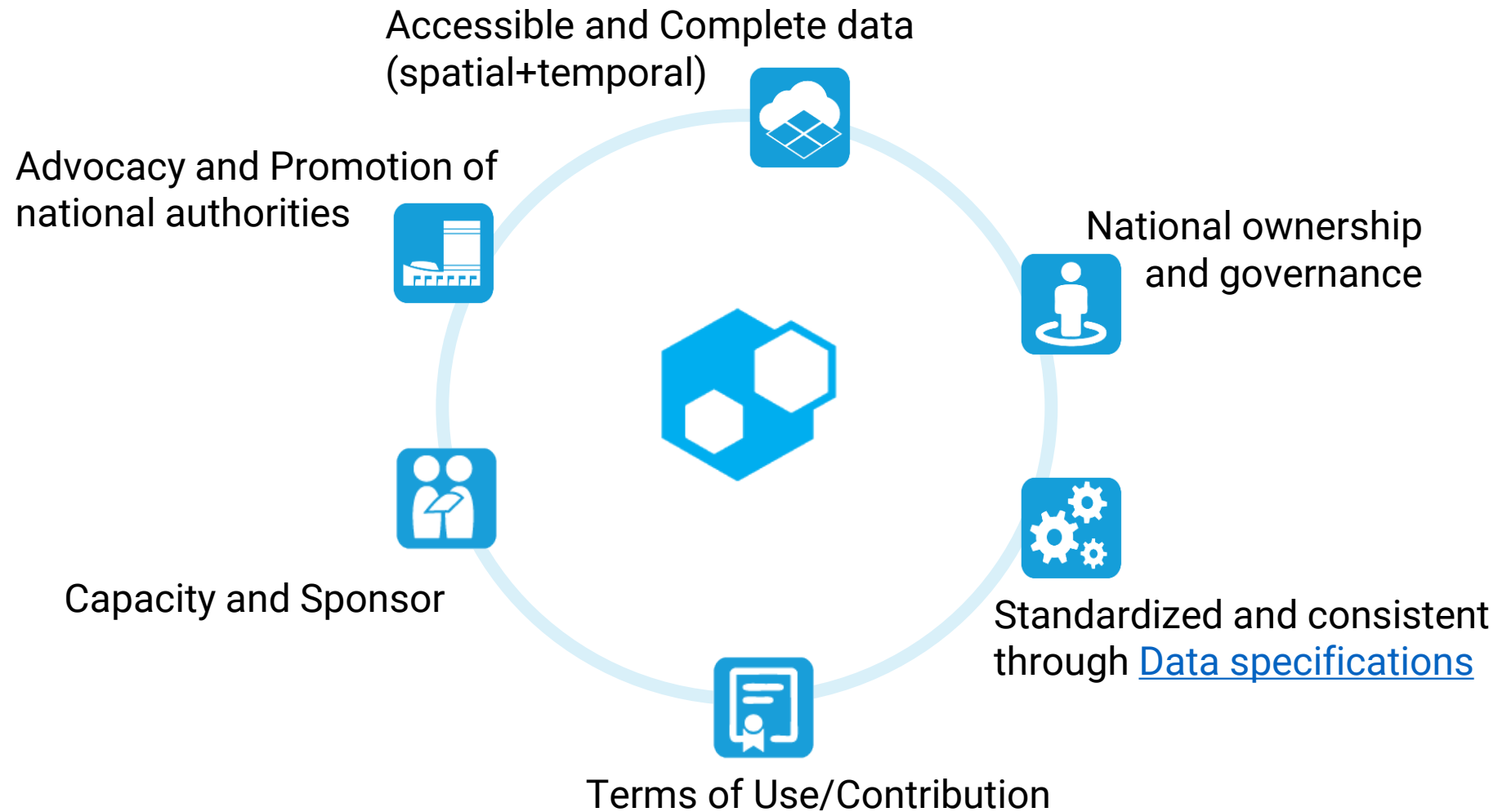
Ratio (using size)

Visualization

...for information, analysis and knowledge toward decision-making and program planning



Principles



Targets



Identify and maintain of **authoritative contact information** of the National Geospatial Authorities responsible for administrative boundaries **validation**



Compile **complete and consistent** GIS dataset **worldwide** for administrative boundaries and names at first and second level below national, at 1 million scale;



Maintain a table overview of **historical changes** (data through time) of national administrative units and names



Historical changes table

Captured in a country specific MsExcel file containing 4 worksheets

Period	1990-01-01 to 2007-04-26		2007-04-27 to 2014-09-26		2014-09-27 to last update	
Unit type	Faritany mizakatena (autonomous provinces)		Faritra (regions)		Provinces	
	ADM1NM	ADM1CD	ADM1NM	ADM1CD	ADM1NM	ADM1CD
2021-06-24 to last update						
	ADM1NM	ADM1CD	ADM2NM	ADM2CD		
1						
2						
3						
4	Antananarivo	MDG029	Analamanga	MDG029001		
5			Bongolava	MDG029002		
6			Itasy	MDG029003		
7			Vakinankaratra	MDG029004		
8	Antsiranana	MDG030	Diana	MDG030001		
9			Sambava	MDG030002		
10			Amoron'i Mania	MDG031001		
11			Atsimo Atsinanana	MDG031002		
12			Fitovinany	MDG031006		
13			Haute Matsiatra	MDG031003		
14			Ihorombe	MDG031004		
15			Vatovavy	MDG031007		
16	Mahajanga	MDG032	Betsiboka	MDG032001		
17			Boeny	MDG032002		
18			Melaky	MDG032003		
19			Sofia	MDG032004		
20	Toamasina	MDG033	Alaotra Mangoro	MDG033001		
21			Analanjirifo	MDG033002		
22			Atsinanana	MDG033003		
23			Androy	MDG034001		
24			Anosy	MDG034002		
25			Atsimo Andrefana	MDG034003		
26			Menabe	MDG034004		
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Historical changes table & Data specifications

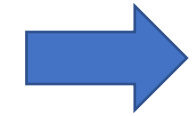
Elements in each historic changes table

Stability period 1		Stability period 2		stability period 3	
2006-10-12 to 2008-03-17		2008-03-18 to 2008-07-09		2008-07-10 to 2021-03-15	
Départements (Departments)					
ADM2NM	ADM2CD	ADM2NM	ADM2CD	ADM2NM	ADM2CD
Dakar	SEN001001	Dakar	SEN001001	Dakar	SEN001001
Guédiawaye	SEN001004	Guédiawaye	SEN001004	Guédiawaye	SEN001004
Pikine	SEN001005	Pikine	SEN001005	Pikine	SEN001005
Rufisque	SEN001003	Rufisque	SEN001003	Rufisque	SEN001003
Bambey	SEN011001	Bambey	SEN011001	Bambey	SEN011001
Diourbel	SEN011002	Diourbel	SEN011002	Diourbel	SEN011002
Mbacké	SEN011003	Mbacké	SEN011003	Mbacké	SEN011003
Gossas	SEN012003	Gossas	SEN016003	Gossas	SEN016003
Fatick	SEN012001	Fatick	SEN016001	Fatick	SEN016001
Foundiougne	SEN012002	Foundiougne	SEN016002	Foundiougne	SEN016002
Kaolack	SEN004002	Kaolack	SEN018001	Guinguineo	SEN018003
Nioro du Rip	SEN004003	Nioro du Rip	SEN018002	Kaolack	SEN018004
Kaffrine	SEN004004	Kaffrine	SEN017001	Birkilane	SEN017003
Koungheul	SEN004005	Koungheul	SEN017002	Kaffrine	SEN017004
...	...	...	...	Malèm Hodar	SEN017005
...	...	...	...	Koungheul	SEN017002
...
35 units		35 units		45 units	

Unit type

Coloring indicates changes that triggered the start of a new period

All the elements presented here are documented



Coding evolves to reflect the changes

SECOND ADMINISTRATIVE LEVEL BOUNDARIES
DATA SPECIFICATIONS

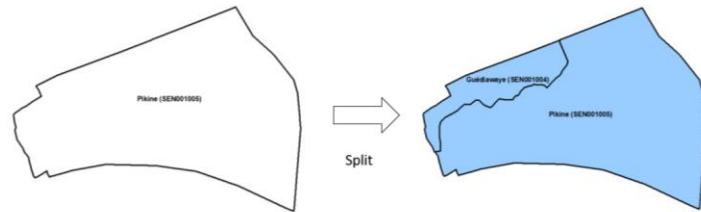
Version 2.0

Produced on June 2021 by:

geospatial@un.org
SALB programme
salb@un.org

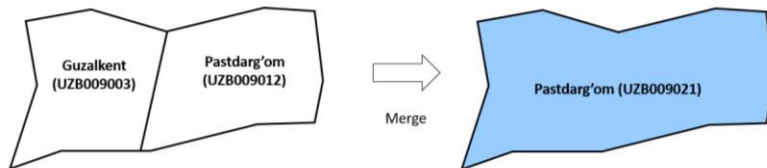
www.unsalb.org

Types of changes captured



2000.01.01 to 2002.02.20		2002.02.21 to 2006.10.11	
ADM2NM	ADM2CD	ADM2NM	ADM2CD
Pikine	SEN001002	Guédiawaye	SEN001004
		Pikine	SEN001005

Split



2000.01.01 to 2001.12.01		2001.12.02 to 2002.04.27	
ADM2NM	ADM2CD	ADM2NM	ADM2CD
Guzalkent	UZB009003	Pastdarg'om	UZB009021
Pastdarg'om	UZB009012		

Merge

- Split
- Merge
- Renaming of administrative units
- Adding a new administrative level in the administrative structure
- Changing the administrative unit type for a given administrative level
- Removing a level in the administrative structure
- Re-introducing a level in the administrative structure

Include treatment of territories with special status (territory without administration or under national administration)




Geospatial datasets specifications

Administrative Units	1 st & 2 nd level Administrative units
Data Validity	Defined by official document. Single geospatial dataset per period of representation
Uniform scale	1 million
Common data specifications	Romanized names and attributions
Standard encoding format	Polygon boundary Shapefile
Standard fields for attribute table	Country Name, ISO3CD, ADM1NM, ADM1CD, ADM2NM, ADM2CD
Metadata	ISO 19139 metadata content
Coordinate system	WGS84



Period	2000-01-01 to 2002-02-15				2002-02-15 to 2006-10-12				2006-10-12 to 2008-03-18				2008-03-18 to 2008-07-10				2008-07-10 to 2021-03-16				
Unit type	ADM2NM		ADM2CD		ADM2NM		ADM2CD		ADM2NM		ADM2CD		ADM2NM		ADM2CD		ADM2NM		ADM2CD		
Dakar	SEN001001	Dakar	SEN001001	Dakar	SEN001001	Dakar	SEN001001	Dakar	SEN001001	Dakar	SEN001001	Dakar	SEN001001	Dakar	SEN001001	Dakar	SEN001001	Dakar	SEN001001	Dakar	SEN001001
Pikine	SEN001002	Guédiawaye	SEN001004	Guédiawaye	SEN001005	Pikine	SEN001005	Pikine	SEN001005	Pikine	SEN001005	Pikine	SEN001005	Pikine	SEN001005	Pikine	SEN001005	Pikine	SEN001005	Pikine	SEN001005
Rufisque	SEN001003	Rufisque	SEN001003	Rufisque	SEN001003	Rufisque	SEN001003	Rufisque	SEN001003	Rufisque	SEN001003	Rufisque	SEN001003	Rufisque	SEN001003	Rufisque	SEN001003	Rufisque	SEN001003	Rufisque	SEN001003
Bambey	SEN002001	Bambey	SEN002001	Bambey	SEN002001	Bambey	SEN002001	Bambey	SEN002001	Bambey	SEN002001	Bambey	SEN002001	Bambey	SEN002001	Bambey	SEN002001	Bambey	SEN002001	Bambey	SEN002001
Diourbel	SEN002002	Diourbel	SEN002002	Diourbel	SEN002002	Diourbel	SEN002002	Diourbel	SEN002002	Diourbel	SEN002002	Diourbel	SEN002002	Diourbel	SEN002002	Diourbel	SEN002002	Diourbel	SEN002002	Diourbel	SEN002002
Mbacké	SEN002003	Mbacké	SEN002003	Mbacké	SEN002003	Mbacké	SEN002003	Mbacké	SEN002003	Mbacké	SEN002003	Mbacké	SEN002003	Mbacké	SEN002003	Mbacké	SEN002003	Mbacké	SEN002003	Mbacké	SEN002003
Gossas	SEN003003	Gossas	SEN003003	Gossas	SEN003003	Gossas	SEN003003	Gossas	SEN003003	Gossas	SEN003003	Gossas	SEN003003	Gossas	SEN003003	Gossas	SEN003003	Gossas	SEN003003	Gossas	SEN003003
Fatick	SEN003001	Fatick	SEN003001	Fatick	SEN003001	Fatick	SEN003001	Fatick	SEN003001	Fatick	SEN003001	Fatick	SEN003001	Fatick	SEN003001	Fatick	SEN003001	Fatick	SEN003001	Fatick	SEN003001
Foundiougne	SEN003002	Foundiougne	SEN003002	Foundiougne	SEN003002	Foundiougne	SEN003002	Foundiougne	SEN003002	Foundiougne	SEN003002	Foundiougne	SEN003002	Foundiougne	SEN003002	Foundiougne	SEN003002	Foundiougne	SEN003002	Foundiougne	SEN003002
Kaolack	SEN004002	Kaolack	SEN004002	Kaolack	SEN004002	Kaolack	SEN004002	Kaolack	SEN004002	Kaolack	SEN004002	Kaolack	SEN004002	Kaolack	SEN004002	Kaolack	SEN004002	Kaolack	SEN004002	Kaolack	SEN004002
Nioro du Rip	SEN004003	Nioro du Rip	SEN004003	Nioro du Rip	SEN004003	Nioro du Rip	SEN004003	Nioro du Rip	SEN004003	Nioro du Rip	SEN004003	Nioro du Rip	SEN004003	Nioro du Rip	SEN004003	Nioro du Rip	SEN004003	Nioro du Rip	SEN004003	Nioro du Rip	SEN004003
Kaffrine	SEN004001	Kaffrine	SEN004001	Kaffrine	SEN004001	Kaffrine	SEN004001	Kaffrine	SEN004001	Kaffrine	SEN004001	Kaffrine	SEN004001	Kaffrine	SEN004001	Kaffrine	SEN004001	Kaffrine	SEN004001	Kaffrine	SEN004001
Kolda	SEN005001	Kolda	SEN005001	Kolda	SEN005001	Kolda	SEN005001	Kolda	SEN005001	Kolda	SEN005001	Kolda	SEN005001	Kolda	SEN005001	Kolda	SEN005001	Kolda	SEN005001	Kolda	SEN005001
Vélingara	SEN005003	Vélingara	SEN005003	Vélingara	SEN005003	Vélingara	SEN005003	Vélingara	SEN005003	Vélingara	SEN005003	Vélingara	SEN005003	Vélingara	SEN005003	Vélingara	SEN005003	Vélingara	SEN005003	Vélingara	SEN005003
Sédhiou	SEN005002	Sédhiou	SEN005002	Sédhiou	SEN005002	Sédhiou	SEN005002	Sédhiou	SEN005002	Sédhiou	SEN005002	Sédhiou	SEN005002	Sédhiou	SEN005002	Sédhiou	SEN005002	Sédhiou	SEN005002	Sédhiou	SEN005002
Kébémér	SEN006001	Kébémér	SEN006001	Kébémér	SEN006001	Kébémér	SEN006001	Kébémér	SEN006001	Kébémér	SEN006001	Kébémér	SEN006001	Kébémér	SEN006001	Kébémér	SEN006001	Kébémér	SEN006001	Kébémér	SEN006001
Louga	SEN006003	Louga	SEN006003	Louga	SEN006003	Louga	SEN006003	Louga	SEN006003	Louga	SEN006003	Louga	SEN006003	Louga	SEN006003	Louga	SEN006003	Louga	SEN006003	Louga	SEN006003
Linguère	SEN006002	Linguère	SEN006002	Linguère	SEN006002	Linguère	SEN006002	Linguère	SEN006002	Linguère	SEN006002	Linguère	SEN006002	Linguère	SEN006002	Linguère	SEN006002	Linguère	SEN006002	Linguère	SEN006002
Matam	SEN007002	Kanel	SEN014001	Kanel	SEN014001	Kanel	SEN014001	Kanel	SEN014001	Kanel	SEN014001	Kanel	SEN014001	Kanel	SEN014001	Kanel	SEN014001	Kanel	SEN014001	Kanel	SEN014001
Dagana	SEN007001	Saint-Louis	SEN015003	Saint-Louis	SEN015003	Saint-Louis	SEN015003	Saint-Louis	SEN015003	Saint-Louis	SEN015003	Saint-Louis	SEN015003	Saint-Louis	SEN015003	Saint-Louis	SEN015003	Saint-Louis	SEN015003	Saint-Louis	SEN015003
Podor	SEN007003	Podor	SEN015002	Podor	SEN015002	Podor	SEN015002	Podor	SEN015002	Podor	SEN015002	Podor	SEN015002	Podor	SEN015002	Podor	SEN015002	Podor	SEN015002	Podor	SEN015002
Bakel	SEN008001	Bakel	SEN008001	Bakel	SEN008001	Bakel	SEN008001	Bakel	SEN008001	Bakel	SEN008001	Bakel	SEN008001	Bakel	SEN008001	Bakel	SEN008001	Bakel	SEN008001	Bakel	SEN008001
Tambacounda	SEN008003	Tambacounda	SEN008003	Tambacounda	SEN008003	Tambacounda	SEN008003	Tambacounda	SEN008003	Tambacounda	SEN008003	Tambacounda	SEN008003	Tambacounda	SEN008003	Tambacounda	SEN008003	Tambacounda	SEN008003	Tambacounda	SEN008003
Kédougou	SEN008002	Kédougou	SEN008002	Kédougou	SEN008002	Kédougou	SEN008002	Kédougou	SEN008002	Kédougou	SEN008002	Kédougou	SEN008002	Kédougou	SEN008002	Kédougou	SEN008002	Kédougou	SEN008002	Kédougou	SEN008002
Mbour	SEN009001	Mbour	SEN009001	Mbour	SEN009001	Mbour	SEN009001	Mbour	SEN009001	Mbour	SEN009001	Mbour	SEN009001	Mbour	SEN009001	Mbour	SEN009001	Mbour	SEN009001	Mbour	SEN009001
Thiès	SEN009002	Thiès	SEN009002	Thiès	SEN009002	Thiès	SEN009002	Thiès	SEN009002	Thiès	SEN009002	Thiès	SEN009002	Thiès	SEN009002	Thiès	SEN009002	Thiès	SEN009002	Thiès	SEN009002
Tivaouane	SEN009003	Tivaouane	SEN009003	Tivaouane	SEN009003	Tivaouane	SEN009003	Tivaouane	SEN009003	Tivaouane	SEN009003	Tivaouane	SEN009003	Tivaouane	SEN009003	Tivaouane	SEN009003	Tivaouane	SEN009003	Tivaouane	SEN009003
Bignona	SEN010001	Bignona	SEN010001	Bignona	SEN010001	Bignona	SEN010001	Bignona	SEN010001	Bignona	SEN010001	Bignona	SEN010001	Bignona	SEN010001	Bignona	SEN010001	Bignona	SEN010001	Bignona	SEN010001
Oussouye	SEN010002	Oussouye	SEN010002	Oussouye	SEN010002	Oussouye	SEN010002	Oussouye	SEN010002	Oussouye	SEN010002	Oussouye	SEN010002	Oussouye	SEN010002	Oussouye	SEN010002	Oussouye	SEN010002	Oussouye	SEN010002
Ziguinchor	SEN010003	Ziguinchor	SEN010003	Ziguinchor	SEN010003	Ziguinchor	SEN010003	Ziguinchor	SEN010003	Ziguinchor	SEN010003	Ziguinchor	SEN010003	Ziguinchor	SEN010003	Ziguinchor	SEN010003	Ziguinchor	SEN010003	Ziguinchor	SEN010003
Number of units	30 units				34 units				35 units				35 units				45 units				



UNITED NATIONS

Second Administrative Level Boundaries

Geospatial Information Section & Statistics Division

HOME
METHODOLOGY
DATA
NEWS
PARTNERS

Senegal

National Mapping Authority

Agence Nationale de l'Aménagement du Territoire

Route du Service géographique
Dakar
Senegal

<http://www.anat.sn/>

contact@anat.sn

+221 33 832 15 06

Awa NDOYE

Ingenieure en géomatique
Chief of Service / Coordinator

awa.ndoye@anat.sn
ndoya10@yahoo.fr

Ibrahima NDIAYE

Chef de division des levés terrestres et aérospatiaux
Chief of Service / Coordinator

ibrahima7.ndiaye@anat.sn
ib7.anat@gmail.com

NEWS AND STATUS

Sharing your common geospatial data through the SALB programme

The SALB programme is an operational programme which aims to provide accessible and usable worldwide standardized geospatial data on...

Engagement and collaboration in Africa

Due to the ongoing COVID-19 pandemic crisis, the Sixth Session of the Regional Committee of the United Nations Global Geospatial Information...

African countries' will to contribute data to the SALB programme

The Fifth Session of the Regional Committee of the United Nations Global Geospatial Information Management in Africa (...)

More...

@UNGGIM TWEETS

UN-GGIM @UNGGIM

The SDGs Geospatial Roadmap shows how to 'build the bridge' between the statistical and geospatial actors and help achieve the #GlobalGoals. Learn more on 25 Feb w/ @CSOreland, @INEGI_INFORMA, @UNGGIM, @EO4SDGs and @UNHABITAT 2b4.short.gy/SDGgeospatial #UN52SC #EOTOOLKIT

Feb 22, 2021

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تقرير قامت به اللجنة الفرعية المعنية بالجيوديسيا التابعة لـ @UNGGIM من خلال



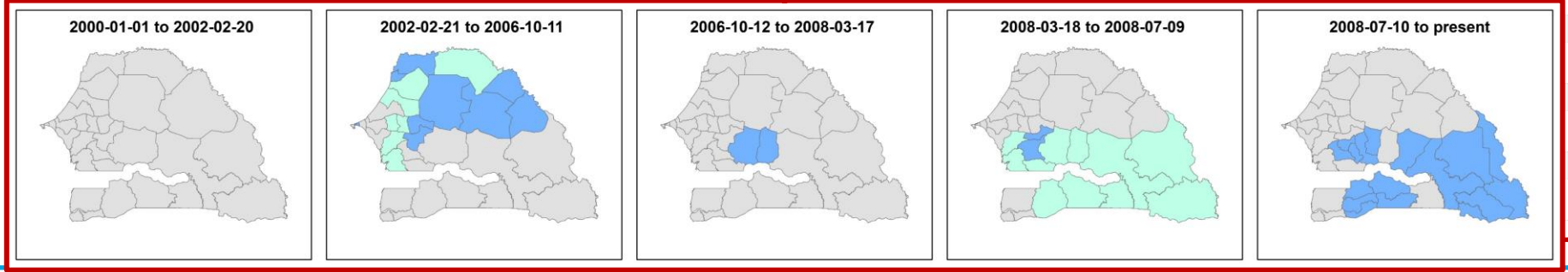
National contact



Historical table (change overview)



Geospatial dataset (5 periods)



Demonstration case



Subnational data: Sri Lanka

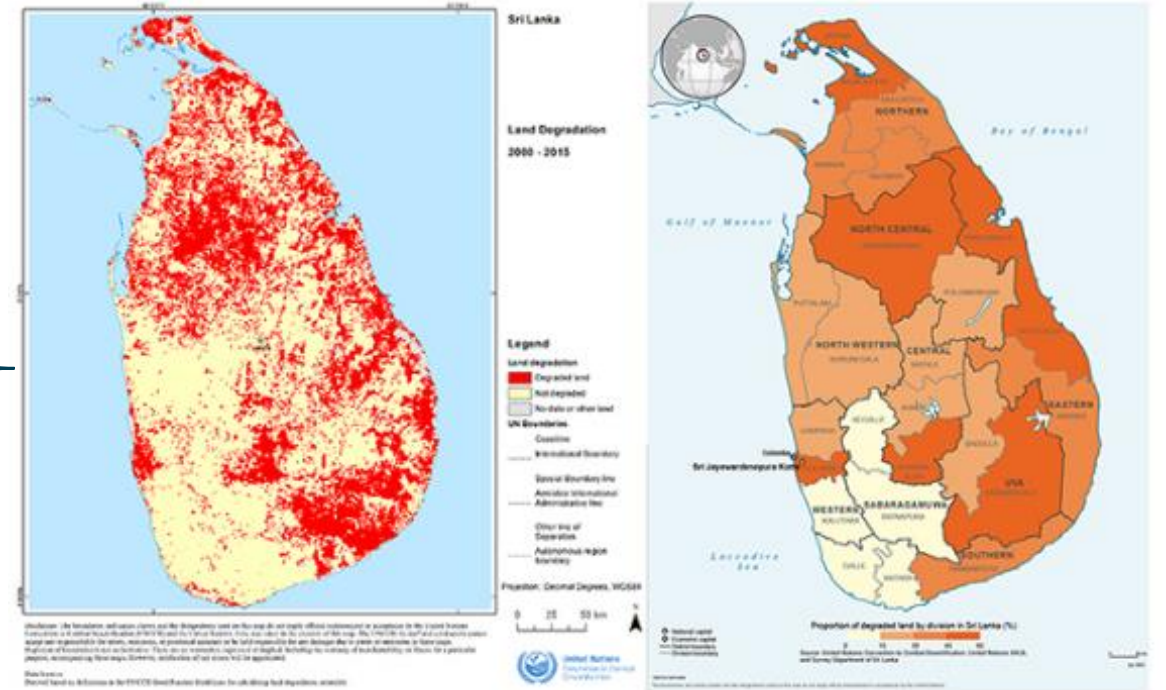


SDG topic: Life on Land



Agency data: land degradation raster

Raster data aggregation by district



Programmatic-ready information for action

[link](#)



United Nations

Demonstration case



Subnational data: Senegal

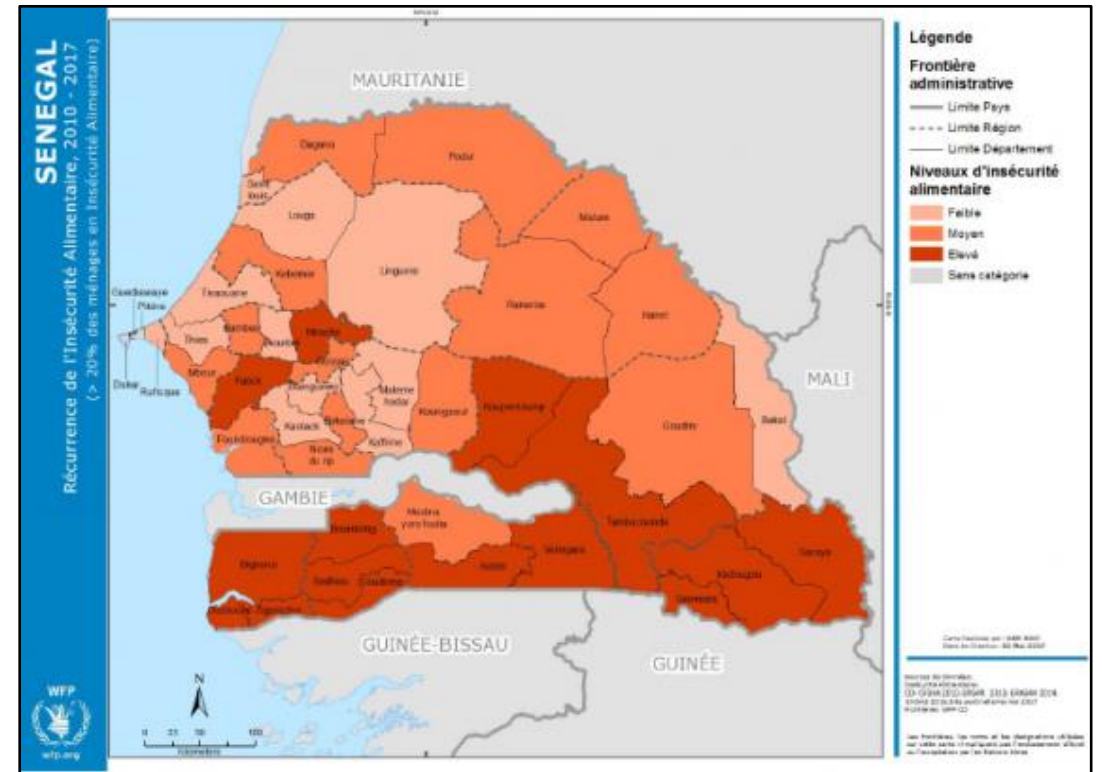


SDG topic: Zero Hunger



Agency priorities index

Integration by district



Programmatic-ready information for action

[link](#)



Demonstration case



Subnational data: Mozambique

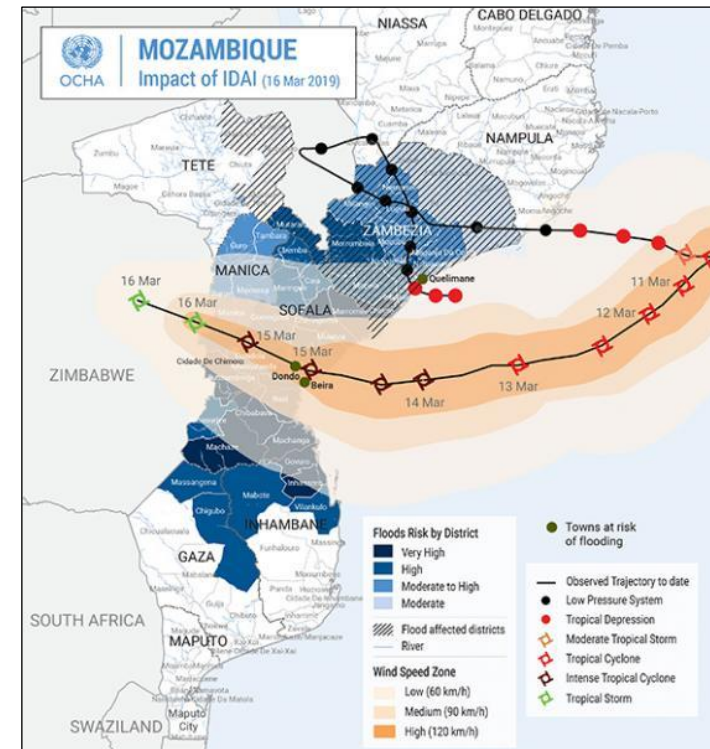


SDG topic: Climate Change



Agency analysis on floods

Impact evaluation and risk



Programmatic-ready information for action

[link](#)





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