



Food and Agriculture
Organization of the
United Nations

Global Forest Resources Assessment 2020

Report

Gambia

Rome, 2020



FAO has been monitoring the world's forests at 5 to 10 year intervals since 1946. The Global Forest Resources Assessments (FRA) are now produced every five years in an attempt to provide a consistent approach to describing the world's forests and how they are changing. The FRA is a country-driven process and the assessments are based on reports prepared by officially nominated National Correspondents. If a report is not available, the FRA Secretariat prepares a desk study using earlier reports, existing information and/or remote sensing based analysis.

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Introduction

Report preparation and contact persons

The present report was prepared by the following person(s)

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Introductory text

Place an introductory text on the content of this report

1 Forest extent, characteristics and changes

1a Extent of forest and other wooded land

National data

Data sources

2010	References	National Forest Assessment 2010
	Methods used	National Forest Inventory
	Additional comments	

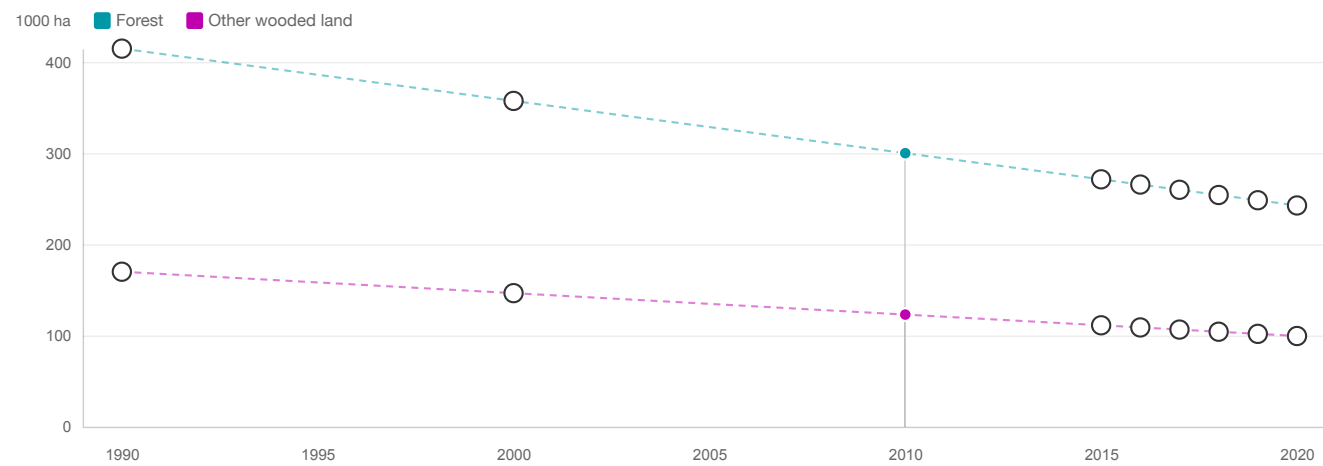
Classifications and definitions

2010	National class	Definition
	Land spanning more than 0.5 hectares with trees higher than 5 meters and a canopy cover of more than 10 percent, or trees able to reach these thresholds in situ. It does not include land that is predominantly under agricultural or urban land use.	
	Land not classified as Forest, spanning more than 0.5 hectares; with trees higher than 5 meters and a canopy cover of 5-10 percent, or trees able to reach these thresholds in situ; or with a combined cover of shrubs, bushes and trees above 10 percent. It does not include land that is predominantly under agricultural or urban land use.	
	All land that is not classified as Forest or Other wooded land.	

Original data and reclassification

2010	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land
	Land spanning more than 0.5 hectares with trees higher than 5 meters and a canopy cover of more than 10 percent, or trees able to reach these thresholds in situ. It does not include land that is predominantly under agricultural or urban land use.	300.00	100.00 %	0.00 %	0.00 %
	Land not classified as Forest, spanning more than 0.5 hectares; with trees higher than 5 meters and a canopy cover of 5-10 percent, or trees able to reach these thresholds in situ; or with a combined cover of shrubs, bushes and	123.00	0.00 %	100.00 %	0.00 %

	trees above 10 percent. It does not include land that is predominantly under agricultural or urban land use.				
	All land that is not classified as Forest or Other wooded land.	589.00	0.00 %	0.00 %	100.00 %
	Total	1 012.00	300.00	123.00	589.00



FRA categories	Area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Forest (a)	414.66	357.33	300.00	271.34	265.60	259.87	254.14	248.40	242.67
Other wooded land (a)	170.00	146.50	123.00	111.25	108.90	106.55	104.20	101.85	99.50
Other land (c-a-b)	427.34	508.17	589.00	629.41	637.50	645.58	653.66	661.75	669.83
Total land area (c)	1 012.00	1 012.00	1 012.00	1 012.00	1 012.00	1 012.00	1 012.00	1 012.00	1 012.00

The FAOSTAT land area figure for the year 2015 is used for all reference years

Climatic domain	% of forest area 2015	Override value
Boreal	0.00	
Temperate	0.00	
Sub-tropical	0.00	
Tropical	100.00	

Comments

The figures have changes since incorrect data were reported to FRA 2015.

According to the report National forest assessment 2008-2010, the change rate for forest and other wooded land combined was estimated at 97 000 ha for a 12-year period, corresponding to an annual loss of of 8083 hectares. This change rate was prorated to forest and other wooded land based on their respective areas in 2010, giving a forest loss of 5733 hectares per year and an OWL loss of 2350 hectares per year.

Please note that over the years, extensive interventions was carried out by the department in collaboration with partners, communities and CBOs in terms of forest protection and rehabilitation through massive planting exercises, we have seen the forest regenerating and the lost areas are also recovering.

1b Forest characteristics

National Data

Data sources + type of data source eg NFI, etc

National Forest Assessment Report 2009

National classification and definitions

forest, other wooded land and other land

Original data

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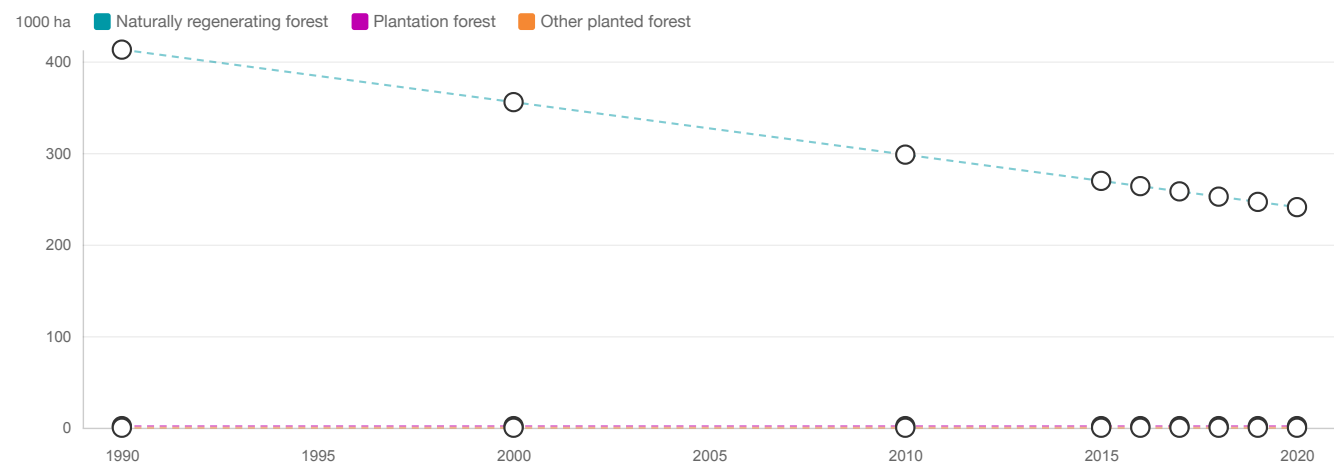
Analysis and processing of national data

Estimation and forecasting

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Reclassification into FRA 2020 categories

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FRA categories	Forest area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest (a)	412.88	355.55	298.22	269.56	263.82	258.09	252.36	246.62	240.89
Planted forest (b)	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
Plantation forest	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
...of which introduced species	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
Other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (a+b)	414.66	357.33	300.00	271.34	265.60	259.87	254.14	248.40	242.67
Total forest area	414.66	357.33	300.00	271.34	265.60	259.87	254.14	248.40	242.67

Comments

the date on planted forest not available but there is a high rate of involvement in enrichment planting in both the forest areas and OWL over period. the constraint is that these interventions are not measured.

1c Primary forest and special forest categories

National Data

Data sources + type of data source eg NFI, etc

2009 /2010 National Forest Assessment (NFA) Report.

National classification and definitions

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Original data

The NFA indicates 36,000 hectares of mangroves, which was used for the whole time series. The report also indicates about 13,000 hectares of primary forest but there are no data on the change in primary forest area, although it has likely decreased.

Analysis and processing of national data

Estimation and forecasting

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Reclassification into FRA 2020 categories

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FRA categories	Area (1000 ha)				
	1990	2000	2010	2015	2020
Primary forest	13.00	13.00	13.00	13.00	13.00
Temporarily unstocked and/or recently regenerated					
Bamboos					
Mangroves	36.00	36.00	36.00	36.00	36.00
Rubber wood					

Comments

1d Annual forest expansion, deforestation and net change

National Data

Data sources + type of data source eg NFI, etc

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National classification and definitions

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Original data

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Analysis and processing of national data

Estimation and forecasting

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Reclassification into FRA 2020 categories

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FRA categories	Area (1000 ha/year)			
	1990-2000	2000-2010	2010-2015	2015-2020
Forest expansion (a)				
...of which afforestation				
...of which natural expansion				
Deforestation (b)				
Forest area net change (a-b)	-5.73	-5.73	-5.73	-5.73

Comments

data not available

1e Annual reforestation

National Data

Data sources + type of data source eg NFI, etc

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National classification and definitions

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Original data

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Analysis and processing of national data

Estimation and forecasting

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Reclassification into FRA 2020 categories

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FRA categories	Area (1000 ha/year)			
	1990-2000	2000-2010	2010-2015	2015-2020
Reforestation				

Comments

1f Other land with tree cover

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

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Original data

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Analysis and processing of national data

Estimation and forecasting

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Reclassification into FRA 2020 categories

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FRA categories	Area (1000 ha)				
	1990	2000	2010	2015	2020
Palms (a)					
Tree orchards (b)					
Agroforestry (c)					
Trees in urban settings (d)					
Other (specify in comments) (e)					
Total (a+b+c+d+e)	–	–	–	–	–
Other land area	427.34	508.17	589.00	629.41	669.83

Comments

2 Forest growing stock, biomass and carbon

2a Growing stock

National Data

Data sources + type of data source eg NFI, etc

National forest assessment 2009/10

National classification and definitions

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Original data

The NFA report indicates an average growing stock of 34.2 m3/ha in forest and 13.5 m3/ha in other wooded land.

Analysis and processing of national data

Estimation and forecasting

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Reclassification into FRA 2020 categories

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FRA categories	Growing stock m³/ha (over bark)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest	34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20
Planted forest	34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20
...of which plantation forest	34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20
...of which other planted forest									
Forest	34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20	34.20
Other wooded land	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50

FRA categories	Total growing stock (million m³ over bark)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest	14.12	12.16	10.20	9.22	9.02	8.83	8.63	8.43	8.24
Planted forest	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
...of which plantation forest	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
...of which other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Forest	14.18	12.22	10.26	9.28	9.08	8.89	8.69	8.50	8.30
Other wooded land	2.30	1.98	1.66	1.50	1.47	1.44	1.41	1.37	1.34

Comments

2b Growing stock composition

National Data

Data sources + type of data source eg NFI, etc

NFA 2009/2010 report, Annex VII.

National classification and definitions

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Original data

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Analysis and processing of national data

Estimation and forecasting

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Reclassification into FRA 2020 categories

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FRA categories	Scientific name	Common name	Growing stock in forest (million m³ over bark)				
			1990	2000	2010	2015	2020
Native tree species							
#1 Ranked in terms of volume	Avicennia nitida	jumbukungo			4.57	4.57	
#2 Ranked in terms of volume	Adansonia digitata	sito			3.61	3.61	
#3 Ranked in terms of volume	Cordyla pinnata	duto			3.29	3.29	
#4 Ranked in terms of volume	Combretum glutinosum	jambakatango			3.28	3.28	
#5 Ranked in terms of volume	Terminalia macroptera	wolo			3.15	3.15	
#6 Ranked in terms of volume	Khaya senegalensis	jalo			2.68	2.68	
#7 Ranked in terms of volume	Pterocarpus erinaceus	keno			2.54	2.54	
#8 Ranked in terms of volume	Elais guineense	tengo			2.27	2.27	
#9 Ranked in terms of volume	Daniellia oliveri	santango			1.81	1.81	
#10 Ranked in terms of volume	Mitragyna inermis	jungo			1.78	1.78	
Remaining native tree species					5.22	5.22	
Total volume of native tree species			–	–	34.20	34.20	–
Introduced tree species							
#1 Ranked in terms of volume							
#2 Ranked in terms of volume							
#3 Ranked in terms of volume							
#4 Ranked in terms of volume							

FRA categories	Scientific name	Common name	Growing stock in forest (million m³ over bark)				
			1990	2000	2010	2015	2020
Native tree species							
#5 Ranked in terms of volume							
Remaining introduced tree species							
Total volume of introduced tree species			–	–	–	–	–
Total growing stock			–	–	34.20	34.20	–

Comments

2c Biomass stock

National Data

Data sources + type of data source eg NFI, etc

National Forest Assessment 2009/2010.

National classification and definitions

-

Original data

The National Forest Assessment report indicates an above-ground biomass in forest of 41.8 t/ha. Applying a root-shoot ratio of 0.2, the below-ground biomass is 8.4 t/ha. These values have been applied to the whole time series.

Analysis and processing of national data

Estimation and forecasting

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Reclassification into FRA 2020 categories

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FRA categories	Forest biomass (tonnes/ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Above-ground biomass	41.80	41.80	41.80	41.80	41.80	41.80	41.80	41.80	41.80
Below-ground biomass	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40
Dead wood									

Comments

2d Carbon stock

National Data

Data sources + type of data source eg NFI, etc

National Forest Assessment 2009/2010.

National classification and definitions

-

Original data

The National Forest Assessment report indicates a carbon stock in above-ground biomass in forest of 20.9 t/ha. Applying a root-shoot ratio of 0.2, the below-ground biomass is 4.2 t/ha. These values have been applied to the whole time series.

Analysis and processing of national data

Estimation and forecasting

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Reclassification into FRA 2020 categories

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FRA categories	Forest carbon (tonnes/ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Carbon in above-ground biomass	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90
Carbon in below-ground biomass	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20
Carbon in dead wood									
Carbon in litter									
Soil carbon									

Soil depth (cm) used for soil carbon estimates	
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Comments

3 Forest designation and management

3a Designated management objective

National Data

Data sources + type of data source eg NFI, etc

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National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

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Reclassification into FRA 2020 categories

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Primary designated management objective

FRA 2020 categories	Forest area (1000 ha)				
	1990	2000	2010	2015	2020
Production (a)					
Protection of soil and water (b)					
Conservation of biodiversity (c)	76.06	76.06	76.06	76.06	
Social Services (d)					
Multiple use (e)					
Other (specify in comments) (f)					
None/unknown (g)	338.60	281.27	223.94	195.28	242.67
Total forest area	414.66	357.33	300.00	271.34	242.67

Total area with designated management objective

FRA 2020 categories	Forest area (1000 ha)				
	1990	2000	2010	2015	2020
Production			270.00	264.00	
Protection of soil and water					
Conservation of biodiversity	76.06	76.06	76.06	76.06	
Social Services			27.00	31.68	
Other (specify in comments)			3.00	3.00	

Comments

3b Forest area within protected areas and forest area with long-term management plans

National Data

Data sources + type of data source eg NFI, etc

THE NATIONAL BIODIVERSITY STRATEGY AND ACTION PLAN (2015 – 2020) (NBSAP)

Department of Forestry report 2019

National classification and definitions

-

Original data

The NBSAP indicates that there are thirty-four forest parks totaling 22,239 hectares, designated as protected forest.

The area of community forest at ownership phase and Forest parks under Joint Forest Park Management (JFPM), totaling 94270 hectares, was used as an estimate of area under long-term forest management plan.

Analysis and processing of national data

Estimation and forecasting

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Reclassification into FRA 2020 categories

-

FRA categories	Area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Forest area within protected areas				22.24	22.24	22.24	22.24	22.24	22.24
Forest area with long-term forest management plan				94.27	94.27	94.27	94.27	94.27	94.27
...of which in protected areas									

Comments

4 Forest ownership and management rights

4a Forest ownership

National Data

Data sources + type of data source eg NFI, etc

NFA 2009/10 report

National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

FRA categories	Forest area (1000 ha)			
	1990	2000	2010	2015
Private ownership (a)			23.00	
...of which owned by individuals			2.40	
...of which owned by private business entities and institutions			2.00	
...of which owned by local, tribal and indigenous communities			18.60	
Public ownership (b)			264.40	
Unknown/other (specify in comments) (c)	–	–	12.60	–
Total forest area	414.66	357.33	300.00	271.34

Comments

4b Holder of management rights of public forests

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

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Original data

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Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

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FRA categories	Forest area (1000 ha)			
	1990	2000	2010	2015
Public Administration (a)			247.90	
Individuals (b)			16.50	
Private business entities and institutions (c)				
Local, tribal and indigenous communities (d)				
Unknown/other (specify in comments) (e)	–	–	0.00	–
Total public ownership	–	–	264.40	–

Comments

5 Forest disturbances

5a Disturbances

National Data

Data sources + type of data source eg NFI, etc

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National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

FRA categories	Area (1000 ha)																	
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Insects (a)																		
Diseases (b)																		
Severe weather events (c)																		
Other (specify in comments) (d)																		
Total (a+b+c+d)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total forest area	357.33	-	-	-	-	-	-	-	-	-	300.00	-	-	-	-	271.34	265.60	259.87

Comments

5b Area affected by fire

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

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Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

FRA categories	Area (1000 ha)																	
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total land area affected by fire											311.00							
...of which on forest											151.00							

Comments

5c Degraded forest

Does your country monitor area of degraded forest		Yes
If "yes"	What is the national definition of "Degraded forest"?	forest areas that lost their productivity
	Describe the monitoring process and results	the monitory process is done through National Forest Assessment.

Comments

6 Forest policy and legislation

6a Policies, Legislation and national platform for stakeholder participation in forest policy

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

Indicate the existence of	Boolean (Yes/No)	
	National	Sub-national
Policies supporting SFM	Yes	Yes
Legislations and regulations supporting SFM	Yes	Yes
Platform that promotes or allows for stakeholder participation in forest policy development	Yes	Yes
Traceability system(s) for wood products	No	No

Comments

6b Area of permanent forest estate

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

FRA 2020 categories	Forest area (1000 ha)					
	Applicable?	1990	2000	2010	2015	2020
Area of permanent forest estate	Yes			222.00	222.00	222.00

Comments

7 Employment, education and NWFP

7a Employment in forestry and logging

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

FRA 2020 categories	Full-time equivalents (1000 FTE)											
	1990			2000			2010			2015		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
Employment in forestry and logging										0.26	0.05	0.21
...of which silviculture and other forestry activities												
...of which logging										0.26	0.05	0.21
...of which gathering of non wood forest products												
...of which support services to forestry										0.26	0.05	0.21

Comments

7b Graduation of students in forest-related education

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

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FRA 2020 categories	Number of graduated students											
	1990			2000			2010			2015		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
Doctoral degree												
Master's degree						0.00	1.00	0.00	1.00	1.00	0.00	1.00
Bachelor's degree				1.00	0.00	1.00						
Technician certificate / diploma				12.00	0.00	12.00	42.00	11.00	31.00	28.00	9.00	19.00
Total				13.00	0.00	13.00	43.00	11.00	32.00	28.00	9.00	19.00

Comments

7c Non wood forest products removals and value 2015

National Data

Data sources + type of data source eg NFI, etc

End of year report prepared by Market Analysis and Development Section of the department of forestry

National classification and definitions

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Original data

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	Name of NWFP product	Key species	Quantity	Unit	Value (1000 local currency)	NWFP category
#1	Honey				21 000	11 Wild honey and bee wax
#2	Fruits and nuts				2 700	1 Food
#3	Handicraft				20 000	5 Raw material for utensils handicrafts construction
#4						1 Food
#5						
#6						
#7						
#8						
#9						
#10						
All other plant products						
All other animal products						
Total					43 700	

Name of currency	Dalasi
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Comments

8 Sustainable Development Goal 15

8a Sustainable Development Goal 15

SDG Indicator 15.1.1 Forest area as proportion of total land area 2015

Indicator	Percent							
	2000	2010	2015	2016	2017	2018	2019	2020
Forest area as proportion of total land area 2015	35.31	29.64	26.81	26.25	25.68	25.11	24.55	23.98

Name of agency responsible	
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SDG Indicator 15.2.1 Progress towards sustainable forest management

Sub-Indicator 1	Percent						
	2000-2010	2010-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Forest area annual net change rate	-1.73	-1.99	-2.16	-2.20	-2.25	-2.31	-2.36

Name of agency responsible	
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Sub-Indicator 2	Forest biomass (tonnes/ha)							
	2000	2010	2015	2016	2017	2018	2019	2020
Above-ground biomass stock in forest	41.80	41.80	41.80	41.80	41.80	41.80	41.80	41.80

Name of agency responsible	
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Sub-Indicator 3	Percent (2015 forest area baseline)							
	2000	2010	2015	2016	2017	2018	2019	2020
Proportion of forest area located within legally established protected areas	–	–	8.20	8.20	8.20	8.20	8.20	8.20

Name of agency responsible	
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Sub-Indicator 4	Percent (2015 forest area baseline)							
	2000	2010	2015	2016	2017	2018	2019	2020
Proportion of forest area under long-term forest management plan	–	–	34.74	34.74	34.74	34.74	34.74	34.74

Name of agency responsible	
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Sub-Indicator 5	Forest area (1000 ha)							
	2000	2010	2015	2016	2017	2018	2019	2020
Forest area under independently verified forest management certification schemes	0.00	0.00	0.00	0.00	0.00	0.00	–	–