



Food and Agriculture  
Organization of the  
United Nations

# Global Forest Resources Assessment 2020

Report

**Uganda**

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.

This document was generated automatically using the report made available as a contribution to the FAO Global Forest Resources Assessment 2020, and submitted to FAO as an official government document. The content and the views expressed in this report are the responsibility of the entity submitting the report to FAO. FAO cannot be held responsible for any use made of the information contained in this document.

## TABLE OF CONTENTS

### Introduction

1. Forest extent, characteristics and changes
2. Forest growing stock, biomass and carbon
3. Forest designation and management
4. Forest ownership and management rights
5. Forest disturbances
6. Forest policy and legislation
7. Employment, education and NWFP
8. Sustainable Development Goal 15

# Introduction

## Report preparation and contact persons

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

Name	Role	Email	Tables
David Elungat Odeke	National correspondent	elungatodekedavid@gmail.com	All
Edward Senyonjo	Collaborator	senyonjo.edward@gmail.com	All

### 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 + type of data source eg NFI, etc

- 1. Proposed Forest Reference Emission Level for Uganda. February 2018. (including data used for the preparation of the document). This source has data for 2000 and 2015 and was used for estimating the forest area time series.
- 2. Vegetation maps for 1990, 2000, 2005, 2010, 2015 and 2017, which were used for estimating the time series for Other wooded land.

#### National classification and definitions

-

#### Original data

From Source 1 – for estimating forest area time series:

Management type	Forest/LULC type	Area in year 2000 (ha)	Area in year 2015 (ha)	Annual rate of change (%)	Annual change rate (ha/year)
all land	Plantations	268,363	415,958	2.96	9,840
(private + NFA + UWA)	Tropical High Forest	633,864	505,617	-1.50	
	Woodland	2,260,718	1,622,588	-2.19	
	Natural Forest (THF + WL)	2,894,582	2,128,205	-2.03	-51,092
	All Forest (Plantation + THF + WL)	3,162,945	2,544,163	-1.44	-41,252
	Nonforest	17,251,421	17,870,203	0.24	
	Total land area *	20,414,366	20,414,366	0.00	

From source 2 – for estimating other wooded land time series (areas in hectares)

	1990	2000	2005	2010	2015	2017
Bushland	5,276,178	2,793,894	4,286,593	5,068,125	5,097,234	1,677,549
Grassland	1,511,573	4,007,747	3,035,058	2,371,688	1,967,122	5,082,446
Bushland + Grassland	6,787,751	6,801,641	7,321,651	7,439,812	7,064,356	6,759,995

### Analysis and processing of national data

#### Estimation and forecasting

To establish the forest area time series, linear interpolation and extrapolation was applied to the data from 2000 and 2015, resulting in the following time series:

	1990	2000	2010	2015	2016	2017	2018	2019	2020
Natural forest	3,405,500	2,894,582	2,383,664	2,128,205	2,077,113	2,026,021	1,974,930	1,923,838	1,872,746
Plantations	169,966	268,363	366,760	415,958	425,798	435,637	445,477	455,317	465,156
TOTAL forest	3,575,466	3,162,945	2,750,424	2,544,163	2,502,911	2,461,659	2,420,407	2,379,154	2,337,902

To establish the time series for the extent of other wooded land, it is clear from the data that there are difficulties to interpret and distinguish these two classes. Therefore, the original data for bushland and grassland combined was used and it was assumed that 50% of the combined class is other wooded land.

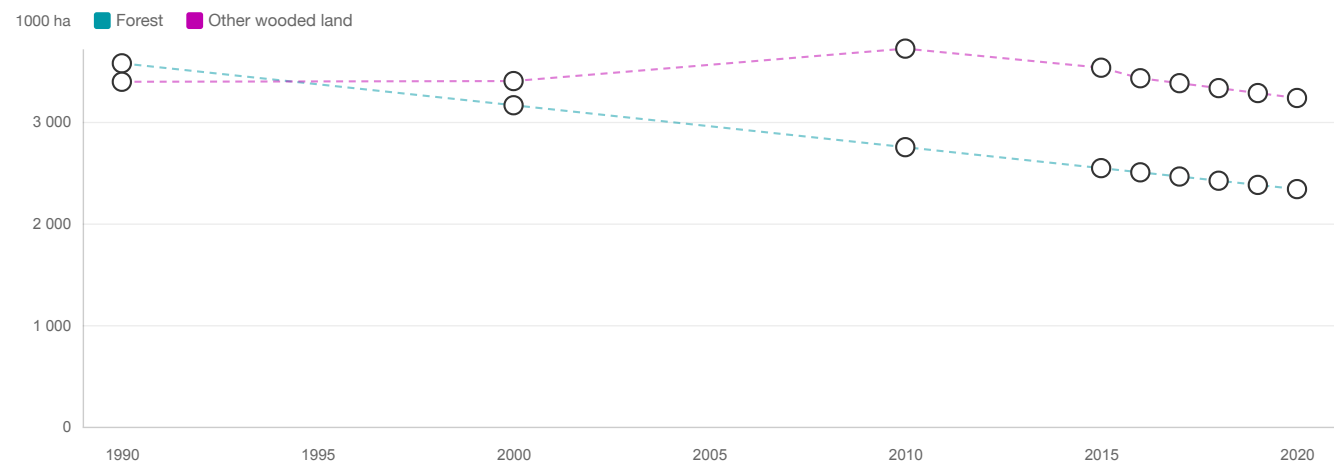
	1990	2000	2005	2010	2015	2017
Bushland	5,276,178	2,793,894	4,286,593	5,068,125	5,097,234	1,677,549
Grassland	1,511,573	4,007,747	3,035,058	2,371,688	1,967,122	5,082,446
Bushland + Grassland	6,787,751	6,801,641	7,321,651	7,439,812	7,064,356	6,759,995
Percent OWL	50%	50%	50%	50%	50%	50%
Other wooded land	3,393,876	3,400,821	3,660,826	3,719,906	3,532,178	3,379,997

The data on other wooded land was then interpolated for 2016 and extrapolated for the years 2018-2020

2016	2018	2019	2020
OWL estimated / forecasted values			
3,428,556	3,331,439	3,282,880	3,234,322

Reclassification into FRA 2020 categories

-



FRA categories	Area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Forest (a)	3 575.47	3 162.95	2 750.42	2 544.16	2 502.91	2 461.66	2 420.41	2 379.15	2 337.90
Other wooded land (a)	3 393.88	3 400.82	3 719.91	3 532.18	3 428.56	3 380.00	3 331.44	3 282.88	3 234.32
Other land (c-a-b)	13 082.65	13 488.23	13 581.67	13 975.66	14 120.53	14 210.34	14 300.15	14 389.97	14 479.78
Total land area (c)	20 052.00	20 052.00	20 052.00	20 052.00	20 052.00	20 052.00	20 052.00	20 052.00	20 052.00

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

Forest area for the period 1990-2015 have changed and new data have become available and the whole time series has been recalculated.

As for the other wooded land, original data show a big variation for both bushland and grassland while the sum of the two is more stable, which indicates that are issues related to the interpretation of these two categories. To reclassify to other wooded land, 50% was applied to both classes in order to get a less variable time series.



# 1b Forest characteristics

## National Data

### Data sources + type of data source eg NFI, etc

Proposed Forest Reference Emission Level for Uganda. February 2018. (including data used for the preparation of the document). This source has data for 2000 and 2015 and was used for estimating the time series for natural forests and plantations.

### National classification and definitions

-

### Original data

Management type	Forest/LULC type	Area in year 2000 (ha)	Area in year 2015 (ha)	Annual rate of change (%)	Annual change rate (ha/year)
all land	Plantations	268,363	415,958	2.96	9,840
(private + NFA + UWA)	Tropical High Forest	633,864	505,617	-1.50	
	Woodland	2,260,718	1,622,588	-2.19	
	Natural Forest (THF + WL)	2,894,582	2,128,205	-2.03	-51,092
	All Forest (Plantation + THF + WL)	3,162,945	2,544,163	-1.44	-41,252
	Nonforest	17,251,421	17,870,203	0.24	
	Total land area *	20,414,366	20,414,366	0.00	

## Analysis and processing of national data

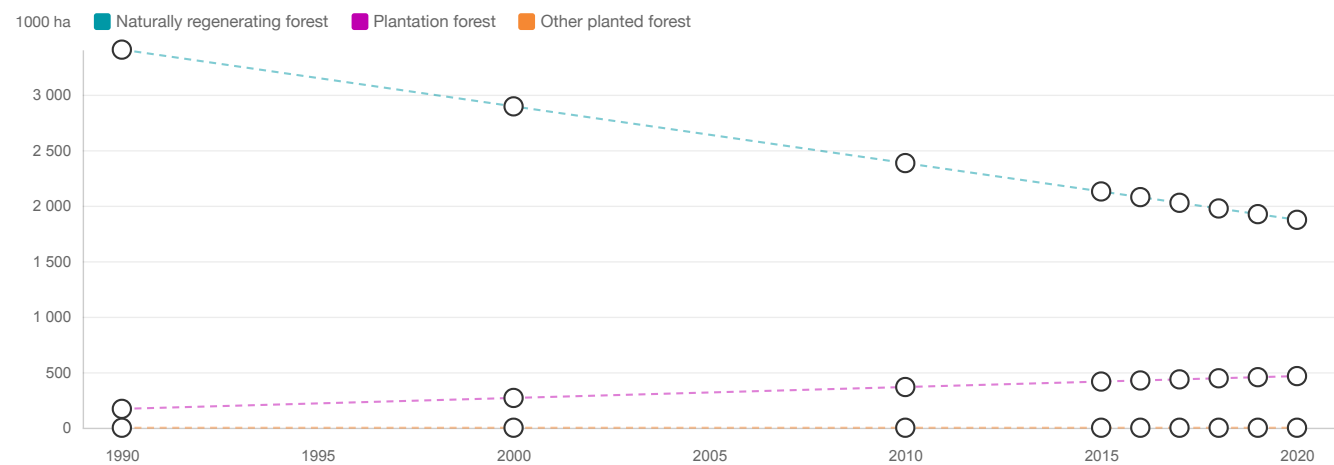
### Estimation and forecasting

To establish the time series of natural forest and plantations, linear interpolation and extrapolation was applied to the data from 2000 and 2015, resulting in the following time series:

	1990	2000	2010	2015	2016	2017	2018	2019	2020
Natural forest	3,405,500	2,894,582	2,383,664	2,128,205	2,077,113	2,026,021	1,974,930	1,923,838	1,872,746
Plantations	169,966	268,363	366,760	415,958	425,798	435,637	445,477	455,317	465,156

### Reclassification into FRA 2020 categories

-



FRA categories	Forest area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest (a)	3 405.50	2 894.58	2 383.66	2 128.21	2 077.11	2 026.02	1 974.93	1 923.84	1 872.75
<b>Planted forest (b)</b>	<b>169.97</b>	<b>268.36</b>	<b>366.76</b>	<b>415.96</b>	<b>425.80</b>	<b>435.64</b>	<b>445.48</b>	<b>455.32</b>	<b>465.16</b>
Plantation forest	169.97	268.36	366.76	415.96	425.80	435.64	445.48	455.32	465.16
...of which introduced species									
Other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total (a+b)</b>	<b>3 575.47</b>	<b>3 162.94</b>	<b>2 750.42</b>	<b>2 544.17</b>	<b>2 502.91</b>	<b>2 461.66</b>	<b>2 420.41</b>	<b>2 379.16</b>	<b>2 337.91</b>
<b>Total forest area</b>	<b>3 575.47</b>	<b>3 162.95</b>	<b>2 750.42</b>	<b>2 544.16</b>	<b>2 502.91</b>	<b>2 461.66</b>	<b>2 420.41</b>	<b>2 379.15</b>	<b>2 337.90</b>

## Comments

## **1c Primary forest and special forest categories**

### **National Data**

**Data sources + type of data source eg NFI, etc**

-

**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)				
	1990	2000	2010	2015	2020
Primary forest					
Temporarily unstocked and/or recently regenerated					
Bamboos					
Mangroves	0.00	0.00	0.00	0.00	0.00
Rubber wood	0.00	0.00	0.00	0.00	0.00

Comments

# 1d Annual forest expansion, deforestation and net change

## National Data

### Data sources + type of data source eg NFI, etc

Proposed Forest Reference Emission Level for Uganda. February 2018. (including data used for the preparation of the document).

### National classification and definitions

-

### Original data

Forest/LULC type	Area in year 2000 (ha)	Area in year 2015 (ha)	Annual rate of change (%)	Annual change rate (ha/year)
Plantations	268,363	415,958	2.96	9,840
Tropical High Forest	633,864	505,617	-1.50	
Woodland	2,260,718	1,622,588	-2.19	
Natural Forest (THF + WL)	2,894,582	2,128,205	-2.03	-51,092
All Forest (Plantation + THF + WL)	3,162,945	2,544,163	-1.44	-41,252

## Analysis and processing of national data

### Estimation and forecasting

Fixed change rates were used for the whole reporting period 1990-2020, so the annual net loss of 41,252 hectares is composed of deforestation (51092 hectares) and expansion/afforestation of 9840 hectares.

### Reclassification into FRA 2020 categories

-

FRA categories	Area (1000 ha/year)			
	1990-2000	2000-2010	2010-2015	2015-2020
Forest expansion (a)	9.84	9.84	9.84	9.84
...of which afforestation	9.84	9.84	9.84	9.84
...of which natural expansion				
Deforestation (b)	51.09	51.09	51.09	51.09
Forest area net change (a-b)	-41.25	-41.25	-41.25	-41.25

Comments

## 1e Annual reforestation

### National Data

Data sources + type of data source eg NFI, etc

-

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/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

-

Original data

-

### Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

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	13 082.65	13 488.23	13 581.67	13 975.66	14 479.78

Comments

## 2 Forest growing stock, biomass and carbon

### 2a Growing stock

#### National Data

**Data sources + type of data source eg NFI, etc**

Proposed Forest Reference Level for Uganda, January 2017

**National classification and definitions**

-

**Original data**

The forest reference level report gives the following data on carbon stocks in biomass.

Carbon stocks (t/ha)	Plantation	Tropical Hight Forest	Woodland	Forest (weighted average)
C-AGB	57.2	115.7	20	45.1
C-BGB	13.7	27.8	4.8	10.8

Applying a carbon fraction of 0.47, gives the following biomass stocks:

Biomass stocks (t/ha)	Plantation	Tropical High Forest	Woodland	Forest (Weighted average)
AGB	121.7	246.2	42.6	96.0
BGB	29.1	59.1	10.2	23.0

Further, applying the following BCEF to the above-ground biomass, gives the following estimate of growing stock

	Plantation	Tropical High Forest	Woodland	Natural Forest (weighted average)
BCEF	1.5	0.95	2.8	
Growing stock	81.1	259.1	15.2	73.1

Areas for the forest classes used for weighting are those given in table 1b:

	Plantation	Tropical High Forest	Woodland	Forest
Area 2015 (ha)	415,958	505,617	1,622,588	2,544,163

#### Analysis and processing of national data

**Estimation and forecasting**

-

**Reclassification into FRA 2020 categories**

-

FRA categories	Growing stock m³/ha (over bark)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest	73.10	73.10	73.10	73.10	73.10	73.10	73.10	73.10	73.10
Planted forest	81.10	81.10	81.10	81.10	81.10	81.10	81.10	81.10	81.10
...of which plantation forest	81.10	81.10	81.10	81.10	81.10	81.10	81.10	81.10	81.10
...of which other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Forest	73.48	73.78	74.17	74.41	74.46	74.51	74.57	74.63	74.69
Other wooded land									

FRA categories	Total growing stock (million m³ over bark)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest	248.94	211.59	174.25	155.57	151.84	148.10	144.37	140.63	136.90
Planted forest	13.78	21.76	29.74	33.73	34.53	35.33	36.13	36.93	37.72
...of which plantation forest	13.78	21.76	29.74	33.73	34.53	35.33	36.13	36.93	37.72
...of which other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Forest	262.72	233.35	203.99	189.30	186.37	183.43	180.50	177.56	174.62
Other wooded land									

## Comments

2b Growing stock composition

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

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							
#2 Ranked in terms of volume							
#3 Ranked in terms of volume							
#4 Ranked in terms of volume							
#5 Ranked in terms of volume							
#6 Ranked in terms of volume							
#7 Ranked in terms of volume							
#8 Ranked in terms of volume							
#9 Ranked in terms of volume							
#10 Ranked in terms of volume							
Remaining native tree species							
Total volume of native tree species			–	–	–	–	–
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							
#5 Ranked in terms of volume							
Remaining introduced tree species							
Total volume of introduced tree species			–	–	–	–	–
Total growing stock			–	–	–	–	–

Comments

There are no data available for this table.

## 2c Biomass stock

### National Data

#### Data sources + type of data source eg NFI, etc

Proposed Forest Reference Level for Uganda, January 2017

#### National classification and definitions

-

#### Original data

The forest reference level report gives the following data on carbon stocks in biomass

Carbon stocks (t/ha)	Plantation	Tropical Hight Forest	Woodland	Forest (weighted average)
C-AGB	57.2	115.7	20.0	45.1
C-BGB	13.7	27.8	4.8	10.8

Applying a carbon fraction of 0.47, gives the following biomass stocks:

Biomass stocks (t/ha)	Plantation	Tropical High Forest	Woodland	Forest (Weighted average)
AGB	121.7	246.2	42.6	96.0
BGB	29.1	59.1	10.2	23.0

### Analysis and processing of national data

#### Estimation and forecasting

-

#### Reclassification into FRA 2020 categories

-



FRA categories	Forest biomass (tonnes/ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Above-ground biomass	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00
Below-ground biomass	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00
Dead wood									

Comments

## 2d Carbon stock

### National Data

**Data sources + type of data source eg NFI, etc**

Proposed Forest Reference Level for Uganda, January 2017

**National classification and definitions**

-

**Original data**

Carbon stocks (t/ha)	Plantation	Tropical Hight Forest	Woodland	Forest (weighted average)
C-AGB	57.2	115.7	20	45.1
C-BGB	13.7	27.8	4.8	10.8

### Analysis and processing of national data

**Estimation and forecasting**

-

**Reclassification into FRA 2020 categories**

-

FRA categories	Forest carbon (tonnes/ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Carbon in above-ground biomass	45.10	45.10	45.10	45.10	45.10	45.10	45.10	45.10	45.10
Carbon in below-ground biomass	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80
Carbon in dead wood									
Carbon in litter									
Soil carbon									

Soil depth (cm) used for soil carbon estimates	
--	--

Comments

3 Forest designation and management

3a Designated management objective

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

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)					
Social Services (d)					
Multiple use (e)					
Other (specify in comments) (f)					
None/unknown (g)	3 575.47	3 162.95	2 750.42	2 544.16	2 337.90
Total forest area	3 575.47	3 162.95	2 750.42	2 544.16	2 337.90

Total area with designated management objective

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

Comments

No data available

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

-

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)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Forest area within protected areas									
Forest area with long-term forest management plan									
...of which in protected areas									

Comments

No data available.

## **4 Forest ownership and management rights**

### **4a Forest ownership**

#### **National Data**

**Data sources + type of data source eg NFI, etc**

-

**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)				
...of which owned by individuals				
...of which owned by private business entities and institutions				
...of which owned by local, tribal and indigenous communities				
Public ownership (b)				
Unknown/other (specify in comments) (c)	–	–	–	–
Total forest area	3 575.47	3 162.95	2 750.42	2 544.16

## Comments

No data available.

## 4b Holder of management rights of public forests

### National Data

Data sources + type of data source eg NFI, etc

-

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
Public Administration (a)				
Individuals (b)				
Private business entities and institutions (c)				
Local, tribal and indigenous communities (d)				
Unknown/other (specify in comments) (e)	–	–	–	–
Total public ownership	–	–	–	–

Comments

No data available.

5 Forest disturbances

5a Disturbances

National Data

Data sources + type of data source eg NFI, etc

-

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	3 162.95	-	-	-	-	-	-	-	-	-	2 750.42	-	-	-	-	2 544.16	2 502.91	2 461.66

Comments

No data available.

5b Area affected by fire

National Data

Data sources + type of data source eg NFI, etc

-

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
Total land area affected by fire																		
...of which on forest																		

Comments

No data available.

5c Degraded forest

Does your country monitor area of degraded forest		Yes
If "yes"	What is the national definition of "Degraded forest"?	
	Describe the monitoring process and results	The intention is to monitor forest degradation, and different methodological approaches are currently being evaluated.

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	No
Legislations and regulations supporting SFM	Yes	No
Platform that promotes or allows for stakeholder participation in forest policy development	Yes	No
Traceability system(s) for wood products	Yes	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						

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												
...of which silviculture and other forestry activities												
...of which logging												
...of which gathering of non wood forest products												
...of which support services to forestry												

Comments

No data available.

## 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

-

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												
Bachelor's degree												
Technician certificate / diploma												
Total												

Comments

No data available.



## 7c Non wood forest products removals and value 2015

### National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

	Name of NWFP product	Key species	Quantity	Unit	Value (1000 local currency)	NWFP category
#1						
#2						
#3						
#4						
#5						
#6						
#7						
#8						
#9						
#10						
All other plant products						
All other animal products						
Total					-	

Name of currency	
------------------	--

Comments

No data available.

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	15.77	13.72	12.69	12.48	12.28	12.07	11.86	11.66

Name of agency responsible	
----------------------------	--

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	-1.39	-1.55	-1.65	-1.68	-1.70	-1.73	-1.76

Name of agency responsible	
----------------------------	--

Sub-Indicator 2	Forest biomass (tonnes/ha)							
	2000	2010	2015	2016	2017	2018	2019	2020
Above-ground biomass stock in forest	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00

Name of agency responsible	
----------------------------	--

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	–	–	–	–	–	–	–	–

Name of agency responsible	
----------------------------	--

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	–	–	–	–	–	–	–	–

Name of agency responsible	
----------------------------	--

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	222.85	38.97	38.98	40.88	41.32	–	–