



Food and Agriculture
Organization of the
United Nations

Global Forest Resources Assessment 2020

Report

Guam

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)

Name	Role	Email	Tables
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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 + type of data source eg NFI, etc

USDA Forest Service, Forest Inventory and Analysis Program, Fri May 17 13:55:20 GMT 2019. Forest Inventory EVALIDator web-application Version 1.8.0.00. St. Paul, MN: U.S. Department of Agriculture, Forest Service, Northern Research Station. [Available only on internet: <http://apps.fs.usda.gov/Evalidator/evaluator.jsp>]

National classification and definitions

Forest land - Land with at least 10 percent cover (or equivalent stocking) by live trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated. To qualify, the area must be at least 1.0 acre in size and 120.0 feet wide. Forest land includes transition zones, such as areas between forest and nonforest lands that have at least 10 percent cover (or equivalent stocking) with live trees and forest areas adjacent to urban and built-up lands. Roadside, streamside, and shelterbelt strips of trees must have a width of at least 120 feet and continuous length of at least 363 feet to qualify as forest land. Unimproved roads and trails, streams, and clearings in forest areas are classified as forest if they are <120 feet wide or an acre in size. Tree-covered areas in agricultural production settings, such as fruit orchards, or tree-covered areas in urban settings, such as city parks, are not considered forest land. For data collected prior to annual inventory (PLOT.MANUAL <1.0), the definition for forest land may have been slightly different (for example, in the past some FIA work units used 5 percent cover rather than 10 percent.)

Original data

Estimate in Acres				
	Land class			
Inventory year	Total	Accessible forest	Nonforest	Census water
Total	730,394	128,676	135,063	466,654
2013	365,197	69,851	62,379	232,967
2002	365,197	58,825	72,684	233,687
Sampling error percent (Confidence level 68%):				
Note: for 95% confidence level multiply SE pct by 1.96				
	Land class			
Inventory year	Total	Accessible forest	Nonforest	Census water
Total	0.19	5.49	5.77	0.75
2013	0.21	7.92	9.14	0.98
2002	0.32	7.47	7.32	1.14
Number of non-zero plots in estimate:				
Note: total number of plots in selected evaluations=368				
	Land class			
Inventory year	Total	Accessible forest	Nonforest	Census water
Total	368	92	92	240

2013	185	48	44	120
2002	183	44	48	120

Analysis and processing of national data

Estimation and forecasting

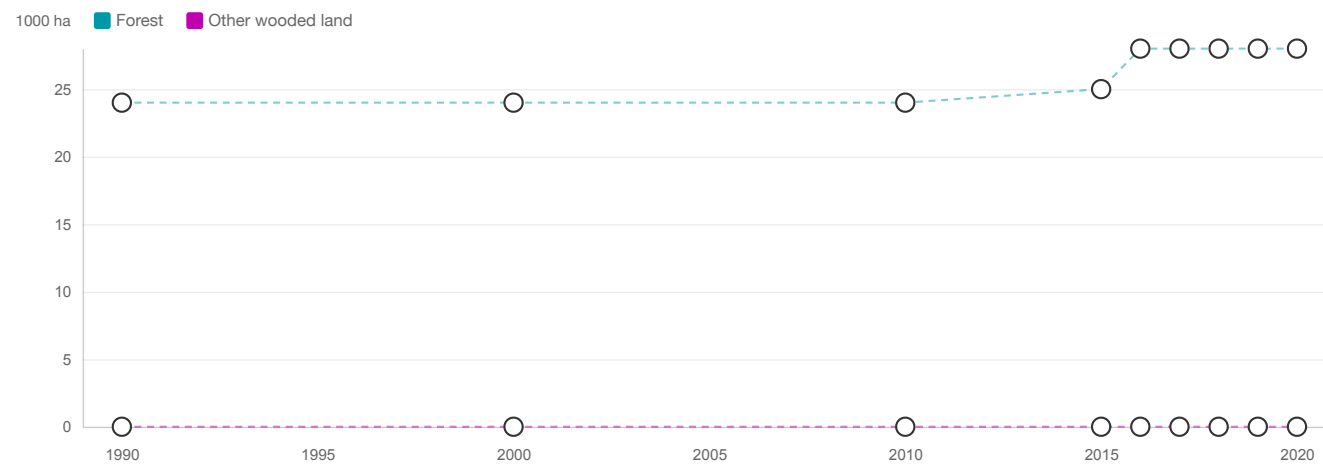
No forecasting used.

Area estimate for land and water based on all sampled plots (hazardous and denied access plots are not included in the estimate).

Reclassification into FRA 2020 categories

Reclassification to Hectares:

	Total	Accessible forest	Nonforest	Census water
2,013	147,795	28,269	25,245	94,282
2,002	147,795	23,806	29,415	94,573



FRA categories	Area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Forest (a)	24.00	24.00	24.00	25.00	28.00	28.00	28.00	28.00	28.00
Other wooded land (a)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other land (c-a-b)	30.00	30.00	30.00	29.00	26.00	26.00	26.00	26.00	26.00
Total land area (c)	54.00	54.00	54.00	54.00	54.00	54.00	54.00	54.00	54.00

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

No forecasting was used.

1b Forest characteristics

National Data

Data sources + type of data source eg NFI, etc

USDA Forest Service, Forest Inventory and Analysis Program, Mon May 20 15:24:22 GMT 2019. Forest Inventory EVALIDator web-application Version 1.8.0.00. St. Paul, MN: U.S. Department of Agriculture, Forest Service, Northern Research Station. [Available only on internet: <http://apps.fs.usda.gov/Evalidator/evalidator.jsp>]

National classification and definitions

Forest land: Land at least 10-percent stocked by trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated. Forest land includes transition zones, such as areas between heavily forested and nonforested lands that are at least 10-percent stocked with trees and forest areas adjacent to urban and builtup lands. Also included are pinyon-juniper and chaparral areas in the West and afforested areas. The minimum area for classification of forest land is 1 acre and 120 feet wide measured stem-to-stem from the outer-most edge. Unimproved roads and trails, streams, and clearings in forest areas are classified as forest if less than 120 feet wide.

Stand origin. Method of stand regeneration for the trees in the condition. An artificially regenerated stand is established by planting or artificial seeding. Populated for all forest annual plots, all forest periodic plots, and all NCRS periodic plots that were measured as "nonforest with trees" (e.g., wooded pasture, windbreaks).

Original data

Estimate in acres			
	Inventory year		
Stand origin	Total	2013	2002
Total	128,676	69,851	58,825
Natural stands	128,676	69,851	58,825
Sampling error percent (Confidence level 68%):			
Note: for 95% confidence level multiply SE pct by 1.96			
	Inventory year		
Stand origin	Total	2013	2002
Total	5.49	7.92	7.47
Natural stands	5.49	7.92	7.47
Number of non-zero plots in estimate:			
Note: total number of plots in selected evaluations=368			
	Inventory year		
Stand origin	Total	2013	2002
Total	92	48	44
Natural stands	92	48	44

Analysis and processing of national data

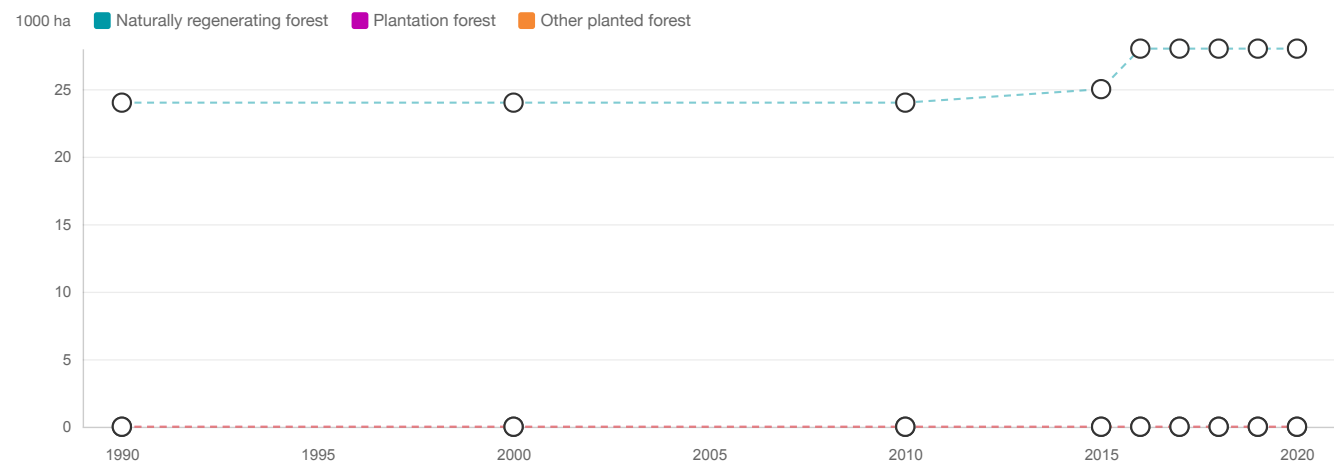
Estimation and forecasting

Sampling design/estimation method: post-stratification, as described in:
Bechtold, W.A.; Patterson, P.L., eds. 2005. The Enhanced Forest Inventory and Analysis Program - National Sampling Design and Estimation Procedures. Gen. Tech. Rep. SRS - 80. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station. 85 p.

Reclassification into FRA 2020 categories

Area in hectares:

Stand origin	Total	2013	2002
Total	52075.18	28268.7	23806.48
Natural stands	52075.18	28268.7	23806.48



FRA categories	Forest area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest (a)	24.00	24.00	24.00	25.00	28.00	28.00	28.00	28.00	28.00
Planted forest (b)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plantation forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
...of which introduced species	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (a+b)	24.00	24.00	24.00	25.00	28.00	28.00	28.00	28.00	28.00
Total forest area	24.00	24.00	24.00	25.00	28.00	28.00	28.00	28.00	28.00

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

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

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)	0.00	0.00	0.20	0.60

Comments

1e Annual reforestation

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/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	30.00	30.00	30.00	29.00	26.00

Comments

2 Forest growing stock, biomass and carbon

2a Growing stock

National Data

Data sources + type of data source eg NFI, etc


Donnegan, J. A., S. L. Butler, W. Graboweicki, B. A. Hiserote, and D. Limtiaco. 2004. Guam's Forest Resources, 2002. Resource Bulletin PNWRB-243, U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station, Portland, OR.	Tree stem volume Biomass from tree stem volume. Carbon mass from tree stem volume.	2002	Data derived from 46 - 670 sq. m field plots where tree diameters and heights were measured. Cited publication provides species level aboveground biomass and aboveground carbon mass data. For the FRA 2005 report, averages were used derived from stem volumes.
Penman, J., M. Gytarsky, T. Hiraishi, T. Krug, D. Kruger, R. Pipatti, L. Buendia, K. Miwa, T. Ngara, K. Tanabe, and F. Wagner, editors. 2003. Good Practice Guidance for Land Use, Land-Use Change and Forestry. Intergovernmental Panel on Climate Change, National Greenhouse Gas Inventories Programme, Institute for Global Environmental Strategies (IGES), Hayama, Kanagawa, Japan,.	Biomass expansion factors and ratio of aboveground to belowground biomass. Carbon mass conversion factors, biomass expansion factors and ratio of aboveground to belowground biomass.	2003	N/A

National classification and definitions

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Original data

Growing stock					
Estimated gross volume of all live trees on forest land by forest type-group and diameter class					
			Diameter class		
<12.7 cm	12.7 – 28 cm	28.1 - 51 cm	51.1+ cm	All sizes	
Cubic meters					
707,922	628,488	234,418	111,497	1,682,325	
182,293	398,406	324,433	0	905,132	
890,215	1,026,895	558,851	111,497	2,587,458	

				Diameter class			
Foresttype group		<12.7 cm	12.7 – 28 cm	28.1 - 51 cm	51.1+ cm	All sizes	
		Cubic meters					
Limestone forest type		707,922	628,488	234,418	111,497	1,682,325	
Volcanic/ ravine forest type		182,293	398,406	324,433	0	905,132	
Total		890,215	1,026,895	558,851	111,497	2,587,458	
Estimated net volume of all live trees greater than or equal to 5 inches in diameter on forest land by forest-type group and diameter class							
		Diameter class (inches)					
Foresttype group	12.7 – 28 cm	28.1 - 51 cm	51.1+ cm	All sizes			
Cubic meters							

	Limestone forest type	607,899	233,571	106,385	947,855	
	Volcanic/ ravine forest type	397,820	320,495	0	718,315	
	Total	1,005,719	554,066	106,385	1,666,170	
Biomass stock						
Wood volume on forest land was used to estimate biomass using expansion factors in section 7.3.1, from Penman et al. (2003).						
Ranked top 10 species biomass estimate for live tree stems # 2.5 cm d.b.h. from 2002 forest inventory. Wood density for individual species was used to estimate stem biomass only.						
Scientific Name				DEAD	LIVE	Grand Total
<i>Cocos nucifera</i>				1955	192261	194216
<i>Vitex parviflora</i>				1890	168280	170170
<i>Ficus prolixa</i>				0	139323	139323
<i>Mangifera indica</i>				869	132517	133386
<i>Cycas micronesica</i>				0	74342	74342
<i>Heterospathe elata</i>				0	72610	72610
<i>Premna obtusifolia</i>				3838	59769	63608
<i>Pandanus tectorius</i>				1775	56997	58772
<i>Leucaena leucocephala</i>				1101	55247	56348
<i>Hibiscus tiliaceus</i>				0	52372	52372
Remaining				12860	351254	364114
Grand Total				24288	1354972	1379259
Carbon stock						
Volume data was used in carbon mass estimation.						

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
Naturally regenerating forest				
Planted forest				
...of which plantation forest				
...of which other planted forest				
Forest	69.58	69.58	69.58	66.80
Other wooded land				

FRA categories	Total growing stock (million m³ over bark)			
	1990	2000	2010	2015
Naturally regenerating forest				
Planted forest				
...of which plantation forest				
...of which other planted forest				
Forest	1.67	1.67	1.67	1.67
Other wooded land				

Comments

2b Growing stock composition

National Data

Data sources + type of data source eg NFI, etc

Donnegan, J. A., S. L. Butler, W. Graboweicki, B. A. Hiserote, and D. Limtiaco. 2004. Guam's Forest Resources, 2002. Resource Bulletin PNWRB-243, U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station, Portland, OR.	Tree stem volume Biomass from tree stem volume. Carbon mass from tree stem volume.	2002	Data derived from 46 - 670 sq. m field plots where tree diameters and heights were measured. Cited publication provides species level aboveground biomass and aboveground carbon mass data. For the FRA 2005 report, averages were used derived from stem volumes.
Penman, J., M. Gytarsky, T. Hiraishi, T. Krug, D. Kruger, R. Pipatti, L. Buendia, K. Miwa, T. Ngara, K. Tanabe, and F. Wagner, editors. 2003. Good Practice Guidance for Land Use, Land-Use Change and Forestry. Intergovernmental Panel on Climate Change, National Greenhouse Gas Inventories Programme, Institute for Global Environmental Strategies (IGES), Hayama, Kanagawa, Japan,.	Biomass expansion factors and ratio of aboveground to belowground biomass. Carbon mass conversion factors, biomass expansion factors and ratio of aboveground to belowground biomass.	2003	N/A

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	Cocos nucifera	niyok, coconut palm		0.39	0.39	0.39	
#2 Ranked in terms of volume	Vitex parviflora	N/A		0.22	0.22	0.22	
#3 Ranked in terms of volume	Cycas micronesica	fandan		0.13	0.13	0.13	
#4 Ranked in terms of volume	Mangifera indica	mango		0.12	0.12	0.12	
#5 Ranked in terms of volume	Ficus prolixa	nunu		0.10	0.10	0.10	
#6 Ranked in terms of volume	Heterospathe elata	palma brava		0.10	0.10	0.10	
#7 Ranked in terms of volume	Premna obtusifolia	ahgao		0.09	0.09	0.09	
#8 Ranked in terms of volume	Pandanus tectorius	aggag		0.08	0.08	0.08	
#9 Ranked in terms of volume	Leucaena leucocephala	tangantangan		0.08	0.08	0.08	
#10 Ranked in terms of volume	Hibiscus tiliaceus	sea-hibiscus, pago		0.05	0.05	0.05	
Remaining native tree species				0.31	0.31	0.31	
Total volume of native tree species			–	1.67	1.67	1.67	–
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			–	1.67	1.67	1.67	–

Comments

2c Biomass stock

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	Forest biomass (tonnes/ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Above-ground biomass	116.67	116.67	116.67	112.00					
Below-ground biomass	33.33	33.33	33.33	32.00					
Dead wood									

Comments

2d Carbon stock

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

-

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	59.17	59.17	59.17	56.80					
Carbon in below-ground biomass	15.83	15.83	15.83	15.20					
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

-

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)	24.00	24.00	24.00	25.00	28.00
Total forest area	24.00	24.00	24.00	25.00	28.00

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

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

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	24.00	24.00	24.00	25.00

Comments

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

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	24.00	-	-	-	-	-	-	-	-	-	24.00	-	-	-	-	25.00	28.00	28.00

Comments

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

5c Degraded forest

Does your country monitor area of degraded forest		
If "yes"	What is the national definition of "Degraded forest"?	
	Describe the monitoring process and results	

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		
Legislations and regulations supporting SFM		
Platform that promotes or allows for stakeholder participation in forest policy development		
Traceability system(s) for wood products		

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

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

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

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	44.44	44.44	46.30	51.85	51.85	51.85	51.85	51.85

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	0.00	0.82	10.71	0.00	0.00	0.00	0.00

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	116.67	116.67	112.00	–	–	–	–	–

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	–	–	–	–	–	–	–	–

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	–	–	–	–	–	–	–	–

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	–	–