



Food and Agriculture
Organization of the
United Nations

Global Forest Resources Assessment 2020

Report

Saint Lucia

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
AdaToussaint	National correspondent	adams.toussaint@govt.lc	All
Rebecca Rock	Alternate national correspondent	rrock@live.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

1989	References	Canadian International development Agency, 1992. Forest Management And Conservation plan (1992-2002). Ottawa, Canada
	Methods used	Full-cover forest/vegetation maps
	Additional comments	There were elements of ground truthing in the preparation of this data set

2009	References	Land Cover map created from 2009 aerial photographs for Green House Gas Inventory
	Methods used	Other (specify in comments)
	Additional comments	Heads up digitizing of land cover and ground truthing used in the creation of this dataset

Classifications and definitions

1989	National class	Definition
	Natural Forest	Primary and secondary forested areas that are used primarily for forestry. This includes natural forest, mangrove and plantations.
	Scrub Forest	Areas with shrubs or stunted trees covering more than 20% of the area, not primarily used for Agriculture or non-forestry purposes.
	Open Woodlands	Lands with scattered trees or shrubs over a graminaceous layer.
	Intensive Agriculture	Sub class Intensive: Areas where 70% or more of the surface is devoted primarily to Agriculture.
	Mix Agriculture	Subclass Mix: Areas where less than 70% of the surface is devoted primarily to Agriculture that is organised as scattered individual holdings. The predominant non-agricultural coverage is secondary forest.
	Eroded Lands	Subclass Eroded Lands: Eroded agricultural
	Settlements	Rural settlement areas occupied by clusters of houses and intensive urban development.
	Water	Dams and marinas
	Rock and Exposed Soil	Subclass rock and eroded soil: Beaches, mines and other rocky outcrops.
	Other	

Subclass undefined: Deficit in total area not described by referenced report.

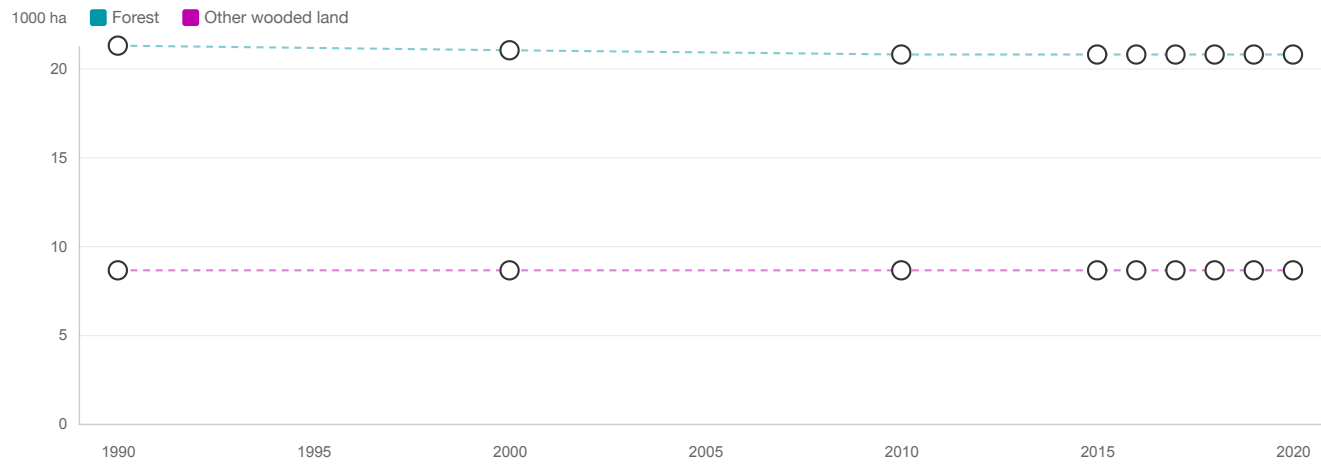
	National class	Definition
2009	Bare Ground/Scrub	Subclass rock and eroded soil: Beaches, mines and other rocky outcrops
	Densely Vegetated Farming	Areas of Agroforestry
	Forest Reserve	Area of Primary and secondary forest under management
	Golf Course	Golf Course
	Grass Lands	Grasslands
	Intensive Farming	Intensive Farming Areas where 70% or more of the surface is devoted primarily to Agriculture.
	Mangrove	A tree or shrub that grows primarily in coastal swamps that are flooded at high tide
	Mixed Farming	Areas where less than 70% of the surface is devoted primarily to Agriculture that is organized as scattered individual holdings. The predominant non-agricultural coverage is secondary forest.
	Natural Tropical Forest	Primary and secondary forested areas that are used primarily for forestry. This includes natural forest, mangrove and plantations.
	Other Vegetation	Area of wooded lands not defined as forests
	Ponds	Inland water bodies
	Scrub Forest	Areas with shrubs or stunted trees covering more than 20% of the area, not primarily used for Agriculture or non-forestry purposes.
	Builtup Area	Rural settlement areas occupied by clusters of houses and intensive urban development.

Original data and reclassification

1989	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land
	Natural Forest	12.50	100.00 %	0.00 %	0.00 %
	Scrub Forest	7.50	100.00 %	0.00 %	0.00 %
	Open Woodlands	1.30	100.00 %	0.00 %	0.00 %
	Intensive Agriculture	0.00	0.00 %	0.00 %	100.00 %

	Mix Agriculture	16.20	0.00 %	0.00 %	100.00 %
	Eroded Lands	0.20	0.00 %	0.00 %	100.00 %
	Settlements	5.40	0.00 %	0.00 %	100.00 %
	Water	0.10	0.00 %	0.00 %	100.00 %
	Rock and Exposed Soil	0.40	0.00 %	0.00 %	100.00 %
	Other	0.00	0.00 %	0.00 %	100.00 %
	Total	43.60	21.30	0.00	22.30

	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land
2009	Bare Ground/Scrub	2.73	0.00 %	0.00 %	100.00 %
	Densely Vegetated Farming	13.65	0.00 %	0.00 %	100.00 %
	Forest Reserve	9.42	100.00 %	0.00 %	0.00 %
	Golf Course	0.06	0.00 %	0.00 %	100.00 %
	Grass Lands	0.19	0.00 %	0.00 %	100.00 %
	Intensive Farming	2.95	0.00 %	0.00 %	100.00 %
	Mangrove	0.18	100.00 %	0.00 %	0.00 %
	Mixed Farming	1.56	0.00 %	0.00 %	100.00 %
	Natural Tropical Forest	4.79	100.00 %	0.00 %	0.00 %
	Other Vegetation	8.63	0.00 %	100.00 %	0.00 %
	Ponds	0.40	0.00 %	0.00 %	100.00 %
	Scrub Forest	6.38	100.00 %	0.00 %	0.00 %
	Builtup Area	10.13	0.00 %	0.00 %	100.00 %
	Total	61.07	20.77	8.63	31.67



FRA categories	Area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Forest (a)	21.27	21.01	20.77	20.77	20.77	20.77	20.77	20.77	20.77
Other wooded land (a)	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63
Other land (c-a-b)	31.10	31.36	31.60	31.60	31.60	31.60	31.60	31.60	31.60
Total land area (c)	61.00	61.00	61.00	61.00	61.00	61.00	61.00	61.00	61.00

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 same forest area was used from 2009 because observations has been made of abandoned banana farms regenerating to secondary forest but no official data has been collected to quantify the increase.

About the category other wooded land, since the 1989 data source did not allow segregation of forest and other wooded land, the 2009 value has been repeated for all the FRA reporting years.

1b Forest characteristics

National Data

Data sources + type of data source eg NFI, etc

Data taken from various reports and Maps 1990 Forest Management Plan (Forest Landuse Map) and 2009 Land use cover map created using 2009 aerial imagery.

Canadian International Development Agency,1992. Forest ManagementAnd Conservation plan

(1992-2002). Ottawa, Canada

Land use, forest type,

Vegetation type1989

Land use information was obtained from 1989 French satellite image (SPO

Forestry Department 2009

Land Cover Map

land cover Information was obtained from 2009 aerial imagery

National classification and definitions

Natural Forest	Primary and secondary forested areas that are used primarily for forestry. This includes natural forest, mangrove and plantations
Scrub Forest	Areas with shrubs or stunted trees covering more than 20% of the area, not primarily used for Agriculture or non-forestry purposes.
Open woodlands	Lands with scattered trees or shrubs over a graminaceous layer
Agriculture	Sub class Intensive:Areas where 70% or more of the surface is devoted primarily to Agriculture.
Agriculture	Subclass Mix: Areas where less than 70% of the surface is devoted primarily to Agriculture that is organised as scattered individual holdings. The predominant non-agricultural coverage is secondary forest
Agriculture	Subclass Eroded Lands: Eroded agricultural lands
Settlements / Built Areas	Rural settlement areas occupied by clusters of houses and intensive urban development.
Water	Dams and marinas
Other	Subclass rock and eroded soil: Beaches, mines and other rocky outcrops
Other	Subclass undefined: Deficit in total area not described by referenced report

Original data

Landcover	ha(2009)	ha(1990)

Bare Ground/Scrub	2739.85	472.05
Densely Vegetated Farming	13651.96	3585.69
Forest Reserve	9415.31	7971.69
Golf Course	64.43	
Grasslands	187.79	2694.33
Intensive Farming	2952.63	12203.11
Mangrove	183.64	228.75
Mixed Farming	1555.83	11478.78
Natural Tropical Forest	4786.09	6158.74
Other Vegetation	8626.33	
Ponds	42.45	
Scrub Forest	6303.03	6798.55
Builtup Area	10131.29	9049.04

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

2009

Builtup Area	Forest	OWL	OL	OLwTC	Water
Bare Ground/ Scrub			100%		
Densely Vegetated Farming				100%	
Forest Reserve	100%				
Golf Course			100%		
Grasslands			100%		
Intensive Farming			100%		
Mangrove	100%				
Mixed Farming			100%		
Natural Tropical Forest	100%				
Other Vegetation		100%			

Builtup Area	Forest	OWL	OL	OLwTC	Water
Ponds					100%
Scrub Forest	100%				
Builtup Area			100%		

1990

Builtup Area	Forest	OWL	OL	OLwTC	Water
Bare Ground/ Scrub			100%		
Densely Vegetated Farming				100%	
Forest Reserve	100%				
Grasslands		100%			
Intensive Farming			100%		
Mangrove	100%				
Mixed Farming			100%		
Natural Tropical Forest	100%				
Scrub Forest	100%				
Builtup Area			100%		



FRA categories	Forest area (1000 ha)									
	1990	2000	2010	2015	2016	2017	2018	2019	2020	
Naturally regenerating forest (a)	18.65	18.05	17.45	17.45	17.45	17.45	17.45	17.45	17.45	17.45
Planted forest (b)	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
Plantation forest	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
...of which introduced species	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
Other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (a+b)	21.80	21.20	20.60	20.60	20.60	20.60	20.60	20.60	20.60	20.60
Total forest area	21.27	21.01	20.77	20.77	20.77	20.77	20.77	20.77	20.77	20.77

Comments

1c Primary forest and special forest categories

National Data

Data sources + type of data source eg NFI, etc

Mangrove :Land Cover map created from 2009 aerial photographs for Green House Gas Inventory

National classification and definitions

-

Original data

Mangroves 0.18 (1000 ha) in 2009

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	1.00	1.00	1.00	1.00	1.00
Bamboos					
Mangroves			0.18	0.18	0.18
Rubber wood					

Comments

Temporarily unstocked and/or recently regenerated estimated through expert estimate

1d Annual forest expansion, deforestation and net change

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
Forest expansion (a)				
...of which afforestation				
...of which natural expansion				
Deforestation (b)				
Forest area net change (a-b)	-0.03	-0.02	0.00	0.00

Comments

No record of deforestation or forest expansion. There have been reforestation of degraded areas but in areas already recognised as forest

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	31.10	31.36	31.60	31.60	31.60

Comments

2 Forest growing stock, biomass and carbon

2a Growing stock

National Data

Data sources + type of data source eg NFI, etc

Growing stock was taken from the 2009 Timber Inventory. Report attached.

NATIONAL FOREST DEMARCATION AND BIO-PHYSICAL RESOURCE INVENTORY PROJECT CARIBBEAN – SAINT LUCIA SFA 2003/SLU/BIT-04/0711/EMF/LC TIMBER INVENTORY OF SAINT LUCIA'S FORESTS By ROBERT B. TENNENT
Project Leader/Inventory Specialist 2009

National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

FRA categories	Growing stock m ³ /ha (over bark)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest	229.60	266.60	303.60	322.10	325.80	329.50	333.20	336.90	340.61
Planted forest	129.60	166.60	203.60	222.10	225.80	229.50	233.20	236.90	240.60
...of which plantation forest	129.60	166.60	203.60	222.10	225.80	229.50	233.20	236.90	240.60
...of which other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Forest	220.50	253.69	285.99	304.29	308.14	311.51	314.88	319.21	322.58
Other wooded land	0.00	0.00	8.60	8.60	8.60	8.60	8.60	8.60	8.60

FRA categories	Total growing stock (million m ³ over bark)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest	4.28	4.81	5.30	5.62	5.69	5.75	5.81	5.88	5.94
Planted forest	0.41	0.52	0.64	0.70	0.71	0.72	0.73	0.75	0.76
...of which plantation forest	0.41	0.52	0.64	0.70	0.71	0.72	0.73	0.75	0.76
...of which other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Forest	4.69	5.33	5.94	6.32	6.40	6.47	6.54	6.63	6.70
Other wooded land	0.00	0.00	0.07	0.07	0.07	0.07	0.07	0.07	0.07

Comments

The planted forest growing stock is an expert estimate.

2b Growing stock composition

National Data

Data sources + type of data source eg NFI, etc

Data taken from 2009 Forest Inventory. See attached Report

NATIONAL FOREST DEMARCATION AND BIO-PHYSICAL RESOURCE INVENTORY PROJECT CARIBBEAN – SAINT LUCIA SFA 2003/SLU/BIT-04/0711/EMF/LC TIMBER INVENTORY OF SAINT LUCIA'S FORESTS By ROBERT B. TENNENT
Project Leader/Inventory Specialist 2009

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 m ³ over bark)				
			1990	2000	2010	2015	2020
Native tree species							
#1 Ranked in terms of volume	<i>Sterculia caribaea</i>	Maho kochon	0.48	0.78	0.93	1.07	
#2 Ranked in terms of volume	<i>Dacryodes excelsa</i>	Gonmyé	0.32	0.47	0.55	0.63	
#3 Ranked in terms of volume	<i>Licania ternatensis</i>	Bwa di mas	0.25	0.26	0.26	0.27	
#4 Ranked in terms of volume	<i>Sloanea caribaea</i>	Chatannyé	0.33	0.28	0.25	0.23	
#5 Ranked in terms of volume	<i>Pouteria pallida</i>	Balata chyen	0.27	0.24	0.22	0.21	
#6 Ranked in terms of volume	<i>Sapium caribaeum</i>	Lagli	0.15	0.17	0.19	0.20	
#7 Ranked in terms of volume	<i>Guatteria caribaea</i>	Kòsòl mawon, Ti kachiman bwa	0.18	0.19	0.20	0.20	
#8 Ranked in terms of volume	<i>Talauma dodecapetala</i>	Bwa pan mawon	0.13	0.11	0.09	0.07	
#9 Ranked in terms of volume							
#10 Ranked in terms of volume							
Remaining native tree species			2.58	2.83	3.25	3.44	
Total volume of native tree species			4.69	5.33	5.94	6.32	–
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 m ³ 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			4.69	5.33	5.94	6.32	-

Comments

2c Biomass stock

National Data

Data sources + type of data source eg NFI, etc

The FRA biomass and carbon calculator was used to estimate biomass and carbon

National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

Insert the percentages of Growing stock by IPCC forest type for each of the FRA forest categories									
IPCC forest types	FRA forest categories								
	Naturally regenerating forest	Plantation forest	Other planted forest						
	% of Growing stock								
Broadleaved humid	90%	15%							
Broadleaved dry									
Coniferous	10%	85%							
	100%	100%	0%	Must add up to 100%					
Insert Carbon fraction used by country (IPCC default = 0.47)									
Carbon Fraction	47%								
Biomass conversion and expansion factors (BCEF)									
Naturally regenerating forest	1990	2000	2010	2015	2016	2017	2018	2019	2020
Broadleaved humid	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Broadleaved dry	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Coniferous	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70

Plantation forest									
Broadleaved humid	1.30	1.30	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Broadleaved dry	1.30	1.30	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Coniferous	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Other planted forest									
Broadleaved humid	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Broadleaved dry	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Coniferous	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
Weighted BCEF									
Naturally regenerating forest	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Plantation forest	0.79	0.79	0.74	0.74	0.74	0.74	0.74	0.74	0.74
Other planted forest									
Root-shoot ratios									
Naturally regenerating forest	1990	2000	2010	2015	2016	2017	2018	2019	2020
Broadleaved humid	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Broadleaved dry	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Coniferous	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Plantation forest									
Broadleaved humid	0.20	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Broadleaved dry	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Coniferous	0.29	0.29	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Other planted forest									
Broadleaved humid	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Broadleaved dry	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
Coniferous	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Weighted RS ratio									
Naturally regenerating forest	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Plantation forest	0.28	0.28	0.21	0.21	0.21	0.21	0.21	0.21	0.21
Other planted forest									

Above-ground biomass (t/ha)									
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest	212.38	246.61	280.83	297.94	301.37	304.79	308.21	311.63	315.06
Plantation forest	102.38	131.61	150.16	163.80	166.53	169.26	171.99	174.71	177.44
Other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	196.49	229.52	260.85	277.43	280.75	284.06	287.38	290.70	294.02
Below-ground biomass (t/ha)									
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest	50.12	58.20	66.28	70.31	71.12	71.93	72.74	73.55	74.36
Plantation forest	28.31	37.18	30.93	33.74	34.30	34.87	35.43	35.99	36.55
Other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	46.97	55.08	60.87	64.72	65.49	66.26	67.03	67.80	68.57

Reclassification into FRA 2020 categories

-

FRA categories	Forest biomass (tonnes/ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Above-ground biomass	196.49	229.52	260.85	277.43	280.75	284.06	287.38	290.70	294.02
Below-ground biomass	46.97	55.08	60.87	64.72	65.49	66.26	67.03	67.80	68.57
Dead wood									

Comments

2d Carbon stock

National Data

Data sources + type of data source eg NFI, etc

The FRA biomass and carbon calculator was used to estimate biomass and carbon

National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

Insert the percentages of Growing stock by IPCC forest type for each of the FRA forest categories									
IPCC forest types 2d Carbon stock	FRA forest categories								
	Naturally regenerating forest	Plantation forest	Other planted forest						
	% of Growing stock								
Broadleaved humid	90%	15%							
Broadleaved dry									
Coniferous	10%	85%							
	100%	100%	0%	<i>Must add up to 100%</i>					
Insert Carbon fraction used by country (IPCC default = 0.47)									
Carbon Fraction	47%								
Biomass conversion and expansion factors (BCEF)									
Naturally regenerating forest	1990	2000	2010	2015	2016	2017	2018	2019	2020
Broadleaved humid	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Broadleaved dry	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Coniferous	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70

Plantation forest									
Broadleaved humid	1.30	1.30	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Broadleaved dry	1.30	1.30	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Coniferous	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Other planted forest									
Broadleaved humid	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Broadleaved dry	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Coniferous	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
Weighted BCEF									
Naturally regenerating forest	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Plantation forest	0.79	0.79	0.74	0.74	0.74	0.74	0.74	0.74	0.74
Other planted forest									
Root-shoot ratios									
Naturally regenerating forest	1990	2000	2010	2015	2016	2017	2018	2019	2020
Broadleaved humid	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Broadleaved dry	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Coniferous	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Plantation forest									
Broadleaved humid	0.20	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Broadleaved dry	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Coniferous	0.29	0.29	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Other planted forest									
Broadleaved humid	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Broadleaved dry	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
Coniferous	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Weighted RS ratio									
Naturally regenerating forest	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Plantation forest	0.28	0.28	0.21	0.21	0.21	0.21	0.21	0.21	0.21
Other planted forest									

Above-ground biomass (t/ha)									
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest	212.38	246.61	280.83	297.94	301.37	304.79	308.21	311.63	315.06
Plantation forest	102.38	131.61	150.16	163.80	166.53	169.26	171.99	174.71	177.44
Other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	196.49	229.52	260.85	277.43	280.75	284.06	287.38	290.70	294.02
Below-ground biomass (t/ha)									
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest	50.12	58.20	66.28	70.31	71.12	71.93	72.74	73.55	74.36
Plantation forest	28.31	37.18	30.93	33.74	34.30	34.87	35.43	35.99	36.55
Other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	46.97	55.08	60.87	64.72	65.49	66.26	67.03	67.80	68.57

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	92.35	107.87	122.60	130.39	131.95	133.51	135.07	136.63	138.19	
Carbon in below-ground biomass	22.08	25.89	28.61	30.42	30.78	31.14	31.51	31.87	32.23	
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

Saint Lucia Forest Soil and Water Conservation Act

Saint Lucia Wildlife Act

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)	3.15	3.15	3.15	3.15	3.15
Protection of soil and water (b)	7.41	9.31	9.31	9.31	9.31
Conservation of biodiversity (c)	0.00	0.00	0.00	0.00	0.00
Social Services (d)	0.00	0.00	0.00	0.00	0.00
Multiple use (e)	10.71	8.55	8.31	8.31	8.31
Other (specify in comments) (f)	0.00	0.00	0.00	0.00	0.00
None/unknown (g)	0.00	0.00	0.00	0.00	0.00
Total forest area	21.27	21.01	20.77	20.77	20.77

Total area with designated management objective

FRA 2020 categories	Forest area (1000 ha)				
	1990	2000	2010	2015	2020
Production	3.15	3.15	3.15	3.15	3.15
Protection of soil and water	18.12	17.86	17.62	17.62	17.62
Conservation of biodiversity	18.12	17.86	17.62	17.62	17.62
Social Services	18.12	17.86	17.62	17.62	17.62
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

Saint Lucia Forest Soil and Water Conservation Act

Saint Lucia Wildlife Act

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	7.41	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31
Forest area with long-term forest management plan									
...of which in protected areas									

Comments

There is no recent management plan for plantation forests. Many years ago the forestry Division made a decision to do only selective felling of trees. Therefore the plantation forests have really not been maintained and is now interspersed with natural species.

4 Forest ownership and management rights

4a Forest ownership

National Data

Data sources + type of data source eg NFI, etc

Expert knowledge

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)	13.86	11.70	11.46	11.46
...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)	7.41	9.31	9.31	9.31
Unknown/other (specify in comments) (c)	0.00	0.00	0.00	0.00
Total forest area	21.27	21.01	20.77	20.77

Comments

4b Holder of management rights of public forests

National Data

Data sources + type of data source eg NFI, etc

Expert knowledge

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)	7.41	9.31	9.31	9.31
Individuals (b)	0.00	0.00	0.00	0.00
Private business entities and institutions (c)	0.00	0.00	0.00	0.00
Local, tribal and indigenous communities (d)	0.00	0.00	0.00	0.00
Unknown/other (specify in comments) (e)	0.00	0.00	0.00	0.00
Total public ownership	7.41	9.31	9.31	9.31

Comments

5 Forest disturbances

5a Disturbances

National Data

Data sources + type of data source eg NFI, etc

There were losses which occurred during Hurricane Tomas in 2010 and the Christmas Eve trough 2013

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	21.01	-	-	-	-	-	-	-	-	20.77	20.77	-	-	-	-	20.77	20.77	20.77

Comments

5b Area affected by fire

National Data

Data sources + type of data source eg NFI, etc

Wild Fires usually occur in coastal dry forest areas in Saint Lucia. The estimate of burned area is below 1000ha.

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		Yes
If "yes"	What is the national definition of "Degraded forest"?	There is no official 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

Saint Lucia Soil and Water Conservation Act

Saint Lucia Wildlife Act

Forests and Lands Strategy 2015 - 2025

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

Saint Lucia Forest Soil and Water Conservation Act

Saint Lucia Wildlife Act

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	7.41	9.31	9.31	9.31	9.31

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

Expert knowledge

National classification and definitions

-

Original data

Values on quantity and values not available.

	Name of NWFP product	Key species	Quantity	Unit	Value (1000 local currency)	NWFP category
#1	l'ansan	Protium attenuatum		Kg		3 Raw material for medicine and aromatic products
#2	latanye	Coccothrinax barbadensis		Brooms		8 Other plant products
#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	34.44	34.05	34.05	34.05	34.05	34.05	34.05	34.05

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	-0.11	0.00	0.00	0.00	0.00	0.00	0.00

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	229.52	260.85	277.43	280.75	284.06	287.38	290.70	294.02

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	44.82	44.82	44.82	44.82	44.82	44.82	44.82	44.82

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	0.00	0.00	0.00	0.00	0.00	-	-