

Centre of Sierra Leone Studies – Forestation

<https://sites.google.com/site/mdpprojectsierraleone/deforestation>

<http://rainforests.mongabay.com/20sierraleone.htm>

http://atlanticrising.org/classroom/rainforests.asp?page_id=69

Sierra Leone: Forest Cover, 2005

Total Land Area (ha)	7,162,000
Total Forest Area (ha)	2,754,000
Percent Forest Cover	38.45%
Primary Forest Cover (ha)	-
Primary Forest, % total forest	-
Primary Forest, % total land	-
Other wooded land (ha)	384,000

Sierra Leone : Forest types

Tropical (% forest area)	100%
Subtropical (% forest area)	0%
Temperate (% forest area)	0%
Boreal/polar (% forest area)	0%

Sierra Leone: Breakdown of forest types, 2005

Primary forest (ha %)	-	-
Modified natural (ha %)	2,751,000	99.9%
Semi-natural (ha %)	-	-
Production plantation (ha %)	3,000	0.1%
Production plantation (ha %)	-	-

Sierra Leone: Change in Forest Cover

TOTAL FOREST COVER

Forest 1990 (ha)	3,044,000	
Forest 2000 (ha)	2,851,000	
Forest 2005 (ha)	2,754,000	
Annual Change 1990-2000 (ha %)	(19,300)	-0.63%
Annual Change 2000-2005 (ha %)	(19,400)	-0.68%
Total Change 1990-2005 (ha %)	(290,000)	-9.53%
Change in rate (%)		7.32%

OTHER WOODED LAND

Other 1990 (ha)		765,000
Other 2000 (ha)		511,000
Other 2005 (ha)		384,000
Annual Change 1990-2000 (ha %)	(25,400)	-3.32%
Annual Change 2000-2005 (ha %)	(25,400)	-4.97%
Total Change 1990-2005 (ha %)	(381,000)	-49.80%
Change in rate (%)		49.71%

PLANTATIONS

Other 1990 (ha)		2,000
Other 2000 (ha)		3,000
Other 2005 (ha)		3,000
Annual Change 1990-2000 (ha %)	100	5.00%
Annual Change 2000-2005 (ha %)	-	0.00%
Total Change 1990-2005 (ha %)	1,000	50.00%
Change in rate (%)		-100.00%

TOTAL DEGRADATION/CONSERVATION

Forest area +Wooded Area-Plantations

Other 1990 (ha)		3,807,000
Other 2000 (ha)		3,359,000
Other 2005 (ha)		3,135,000
Annual Change 1990-2000 (ha %)	(44,800)	-1.18%
Annual Change 2000-2005 (ha %)	(44,800)	-1.33%
Total Change 1990-2005 (ha %)	(672,000)	-17.65%
Change in rate (%)		13.34%

Sierra Leone: Forest designation

Designated functions of forest – primary function 2005

Production (%)	10.3%
Protection (%)	1.2%
Conservation (%)	2.8%
None of Unknown (%)	85.7%

Sierra Leone: Disturbances affecting forest land 2000

Forest Area annually affected by

Fire (%)	7.02%
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Sierra Leone: Protected areas

Protected areas

Biosphere reserves, 2005

Wetlands of international importance (Ramsar sites), 2005 1

World Heritage sites, 2004 0

Protected Areas: IUCN categories I-V, percent of total land 2.0%

Protected Areas: IUCN categories Ia, Ib, and II, extent, percent of total land 2.00%

Protected Areas: IUCN categories III, IV, and V, percent of total land, 2004 0.02%

Protected Areas: IUCN categories VI and other, percent of total land, 2004 0.00%

Sierra Leone: Biodiversity - Wildlife

Amphibians

total species 46

endemic species 3

threatened species 2

Birds

total species 626

endemic species 0

threatened species 10

Mammals

total species 197

endemic species 0

threatened species 12

Reptiles

total species 69

endemic species 1

threatened species 3

Wildlife diversity

total species 938

endemic species 4

threatened species 27

Sierra Leone: Biodiversity - Plants

Native tree species 213

Number of tree species in IUCN red list

Critically Endangered 0

Endangered 4

Vulnerable 42

Vascular Plant Species, 2004

Total	2090
Number endemic	74
Number of Threatened Plant Species, 2004	
Species threatened	47

Sierra Leone: Value of forests

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	-
	-
Industrial roundwood (1000 cubic m)	137
Wood fuel (1000 cubic m)	6,414
Total wood removal 2005 (1000 cubic m)	6,551

War and Deforestation

<http://edepot.wur.nl/210089>

<http://www.lse.ac.uk/economics/people/facultyPersonalPages/facultyFiles/RobinBurgess/WarAndDeforestationInSierraLeone.pdf>

<http://iopscience.iop.org/article/10.1088/1748-9326/10/9/095014>

Construction and De-forestation

http://jpe.library.arizona.edu/volume_16/Munro.pdf

Forest Coverage

<http://rainforests.mongabay.com/20sierraleone.htm>

De-forestation and disease

<https://www.theguardian.com/vital-signs/2014/oct/03/ebola-epidemic-bats-deforestation-west-africa-guinea-sierra-leone-liberia>

De-forestation and Climate Change

<http://unfccc.int/resource/docs/napa/sle01.pdf>

CFA – Country Perspective

http://www.cfa-international.org/country_report_3.php

Food supplies

<http://www.fao.org/ag/AGP/AGPC/doc/Counprof/SierraLeone/SierraLeone.htm>

Forests – data

<http://theredddesk.org/countries/sierra-leone/statistics>

CDC Investment and Forest Products

<http://www.cdcgroup.com/Media/News/New-CDC-investment-to-boost-timber-production-and-job-creation-in-Sierra-Leone-and-Ghana/>

Forests and Carbon

<http://www.forestcarbonportal.com/project/sierra-leone-mutual-forestation>

De-forestation and poverty

<http://www.globalissues.org/news/2011/06/06/9946>

Deforestation and Freetown Penninsular

https://www.researchgate.net/publication/280573699_Deforestation_on_the_Freetown_Peninsula_-_A_case_of_Livelihood_and_Biodiversity_Loss_in_the_Goderich_Community

Moyamba and Pujehun – Deforestation and Mining

<http://www.epa-sl.org/index.php/reports/63-moyamba-and-pujehun-deforestation-and-mining>

Forestry Division – Government of Sierra Leone

<https://slforestry.org/>

Forests Data

<http://transcoclsg.org/oldtransco/index.php/where-we-work/sierra-leone>

Geography and Forests

<http://hj2009per2sierraleone.weebly.com/geography--enviroment.html>

Mapping De-forestation – Freetown Peninsular

<http://link.springer.com/article/10.1007/s10661-016-5469-y>

Deforestation history and the ecology of swidden fallows in Sierra Leone (Working papers in African Studies) Unknown Binding – 1994

by [A. Endre Nyerges](#) (Author)

Deforestation and soil degradation in Sierra Leone: the role of forest removal and upland erosion in a rural catchment under multiple uses.

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Journal article : [International Journal of Ecology and Environmental Sciences](#) 1990 Vol.16 No.2-3 pp.97-105 ref.9

Abstract : A study of land use and of land characteristics leading to erosion is reported for a small catchment in eastern Sierra Leone, north of a newly constructed hydroelectric power plant. Secondary forests survived on the hill tops and steeper slopes with forestry activity and fallow fields below. The southern part of the catchment was characterized by bush fallowing (shifting cultivation) of annual crops, brush burning of fallows, opencast diamond mining and suburban development. Land characteristics (slope form and gradient, plant cover, soil depth, presence of litter/humus and drainage) are analysed in relation to each of 3 erosion classes (none, sheet erosion, or rill erosion). The results indicate that all operated in the degradation process because land clearing was indiscriminate.

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UN Planning Map

http://unipsil.unmissions.org/portals/unipsil/sierraleone/maps/A1_pm.pdf

Friends of Environment and Culture

<http://www.nfosigw.gov.pl/oferta-finansowania/srodki-zagraniczne/instrument-finansowy-life/potencjalni-partnerzy-projektow/friends-of-the-environment-and-culture-sierra-leone/?contrast=0>

The environment – training of officials

http://news.sl/drwebsite/publish/article_200528579.shtml

EU and Forestry

http://ec.europa.eu/europeaid/sites/devco/files/nip-sierra-leone-20140619_en.pdf