

This spreadsheet contains sheet 1 of Worksheet 5-1, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE			LAND USE CHANGE AND FORESTRY				
SUBMODULE			CHANGES IN FOREST AND OTHER WOODY BIOMASS STOCKS				
WORKSHEET			5-1				
SHEET			1 OF 3				
COUNTRY			0				
YEAR			0				
STEP 1							
			A Area of Forest/Biomass Stocks (kha)	B Annual Growth Rate (t dm/ha)	C Annual Biomass Increment (kt dm)	D Carbon Fraction of Dry Matter	E Total Carbon Uptake Increment (kt C)
					C=(A x B)		E=(C x D)
Tropical	Plantations	Acacia spp.			0.00		0.00
		Eucalyptus spp.			0.00		0.00
		Tectona grandis			0.00		0.00
		Pinus spp			0.00		0.00
		Pinus caribaea			0.00		0.00
		Mixed Hardwoods			0.00		0.00
		Mixed Fast-Growing Hardwoods			0.00		0.00
		Mixed Softwoods			0.00		0.00
	Other Forests	Moist			0.00		0.00
		Seasonal			0.00		0.00
		Dry			0.00		0.00
		Other (specify)			0.00		0.00
Temperate	Plantations	Douglas fir			0.00		0.00
		Loblolly pine			0.00		0.00
	Commercial	Evergreen			0.00		0.00
		Deciduous			0.00		0.00
	Other			0.00		0.00	
Boreal					0.00		0.00
Non-Forest Trees (specify type)			A Number of Trees (1000s of trees)	B Annual Growth Rate (kt dm/1000 trees)			
					0.00		0.00
					0.00		0.00
Total							0.00

Documentation box:

Parties are encouraged to provide relevant information used in the calculation and on data sources in this documentation box.

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This spreadsheet contains sheet 2 of Worksheet 5-1, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE	LAND USE CHANGE AND FORESTRY							
SUBMODULE	CHANGES IN FOREST AND OTHER WOODY BIOMASS STOCKS							
WORKSHEET	5-1							
SHEET	2 OF 3							
COUNTRY	0							
YEAR	0							
STEP 2								
Harvest Categories (specify)	F	G	H	I	J	K	L	M
	Commercial Harvest (if applicable)	Biomass Conversion/ Expansion Ratio (if applicable)	Total Biomass Removed in Commercial Harvest	Total Traditional Fuelwood Consumed	Total Other Wood Use	Total Biomass Consumption	Wood Removed From Forest Clearing	Total Biomass Consumption From Stocks
	(1000 m ³ roundwood)	(t dm/m ³)	(kt dm)	(kt dm)	(kt dm)	(kt dm)	(kt dm)	(kt dm)
			H = (F x G)	FAO data		K = (H + I + J)	(From column M, Worksheet 5- 2, sheet 3)	M = K - L
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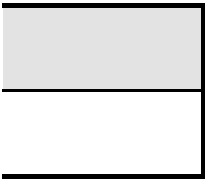
Documentation box:

Parties are encouraged to provide relevant information used in the calculation and on data sources in this documentation box.

This spreadsheet contains sheet 3 of Worksheet 5-1, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE	LAND USE AND FORESTRY		
SUBMODULE	CHANGES IN FOREST AND OTHER WOODY BIOMASS STOCKS		
WORKSHEET	5-1		
SHEET	3 OF 3		
COUNTRY	0		
YEAR	0		
STEP 3		STEP 4	
N Carbon Fraction	O Annual Carbon Release (kt C)	P Net Annual Carbon Uptake (+) or Release (-) (kt C)	Q Convert to CO ₂ Annual Emission (-) or Removal (+) (Gg CO ₂)
	O = (M x N)	P = (E - O)	Q = (P x [44/12])
	0.00	0.00	0.00

Documentation box: Parties are encouraged to provide relevant information used in the calculation and on data sources in this documentation box.

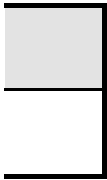


This spreadsheet contains sheet 1 of Worksheet 5-2, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE		LAND-USE CHANGE AND FORESTRY				
SUBMODULE		FOREST AND GRASSLAND CONVERSION - CO ₂ FROM BIOMASS				
WORKSHEET		5-2				
SHEET		1 OF 5 BIOMASS CLEARED				
COUNTRY		0				
YEAR		0				
		STEP 1				
Vegetation types		A Area Converted Annually (kha)	B Biomass Before Conversion (t dm/ha)	C Biomass After Conversion (t dm/ha)	D Net Change in Biomass Density (t dm/ha) D = (B - C)	E Annual Loss of Biomass (kt dm) E = (A x D)
Tropical	Wet/Very Moist				0.00	0.00
	Moist, short dry season				0.00	0.00
	Moist, long dry season				0.00	0.00
	Dry				0.00	0.00
	Montane Moist				0.00	0.00
	Montane Dry				0.00	0.00
Tropical Savanna/Grasslands					0.00	0.00
Temperate	Coniferous				0.00	0.00
	Broadleaf				0.00	0.00
Grasslands					0.00	0.00
Boreal	Mixed Broadleaf/Coniferous				0.00	0.00
	Coniferous				0.00	0.00
	Forest-tundra				0.00	0.00
Grasslands/Tundra					0.00	0.00
Other					0.00	0.00
Subtotals		0.00			0.00	0.00

Documentation box:

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This spreadsheet contains sheet 2 of Worksheet 5-2, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE		LAND-USE CHANGE AND FORESTRY					
SUBMODULE		FOREST AND GRASSLAND CONVERSION - CO ₂ FROM BIOMASS					
WORKSHEET		5-2					
SHEET		2 OF 5 CARBON RELEASED BY ON-SITE BURNING					
COUNTRY		0					
YEAR		0					
STEP 2							
Vegetation types		F Fraction of Biomass Burned on Site	G Quantity of Biomass Burned on Site	H Fraction of Biomass Oxidised on Site	I Quantity of Biomass Oxidised on Site	J Carbon Fraction of Above- ground Biomass (burned on site)	K Quantity of Carbon Released (from biomass burned) (kt C)
			(kt dm) G = (E x F)		(kt dm) I = (G x H)		K = (I x J)
Tropical	Wet/Very Moist		0.00		0.00		0.00
	Moist, short dry season		0.00		0.00		0.00
	Moist, long dry season		0.00		0.00		0.00
	Dry		0.00		0.00		0.00
	Montane Moist		0.00		0.00		0.00
	Montane Dry		0.00		0.00		0.00
Tropical Savanna/Grasslands			0.00		0.00		0.00
Temperate	Coniferous		0.00		0.00		0.00
	Broadleaf		0.00		0.00		0.00
Grasslands			0.00		0.00		0.00
Boreal	Mixed Broadleaf/Coniferous		0.00		0.00		0.00
	Coniferous		0.00		0.00		0.00
	Forest-tundra		0.00		0.00		0.00
	Grasslands/Tundra		0.00		0.00		0.00
Other			0.00		0.00		0.00
Subtotal							0.00

Documentation box:

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This spreadsheet contains sheet 3 of Worksheet 5-2, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE		LAND-USE CHANGE AND FORESTRY						
SUBMODULE		FOREST AND GRASSLAND CONVERSION - CO ₂ FROM BIOMASS						
WORKSHEET		5-2						
SHEET		3 OF 5 CARBON RELEASED BY OFF-SITE BURNING						
COUNTRY		0						
YEAR		0						
		STEP 3					STEP 4	
Vegetation types		L Fraction of Biomass Burned off Site	M Quantity of Biomass Burned off Site (kt dm) M = (E x L)	N Fraction of Biomass Oxidised off Site	O Quantity of Biomass Oxidised off Site (kt dm) O = (M x N)	P Carbon Fraction of Above- ground Biomass (burned off site)	Q Quantity of Carbon Released (from biomass burned off site) (kt C) Q = (O x P)	R Total Carbon Released (from on and off site burning) (kt C) R = (K + Q)
Tropical	Wet/Very Moist		0.00		0.00		0.00	0.00
	Moist, short dry season		0.00		0.00		0.00	0.00
	Moist, long dry season		0.00		0.00		0.00	0.00
	Dry		0.00		0.00		0.00	0.00
	Montane Moist		0.00		0.00		0.00	0.00
	Montane Dry		0.00		0.00		0.00	0.00
Tropical Savanna/Grasslands			0.00		0.00		0.00	0.00
Temperate	Coniferous		0.00		0.00		0.00	0.00
	Broadleaf		0.00		0.00		0.00	0.00
Grasslands			0.00		0.00		0.00	0.00
Boreal	Mixed Broadleaf/Coniferous		0.00		0.00		0.00	0.00
	Coniferous		0.00		0.00		0.00	0.00
	Forest- tundra		0.00		0.00		0.00	0.00
Grasslands/Tundra			0.00		0.00		0.00	0.00
Other			0.00		0.00		0.00	0.00
Subtotals			0.00				0.00	0.00

Documentation box:

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This spreadsheet contains sheet 4 of Worksheet 5-2, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE		LAND-USE CHANGE AND FORESTRY								
SUBMODULE		FOREST AND GRASSLAND CONVERSION - CO ₂ FROM BIOMASS								
WORKSHEET		5-2								
SHEET		4 OF 5 CARBON RELEASED BY DECAY OF BIOMASS								
COUNTRY		0								
YEAR		0								
STEP 5										
Vegetation types		A	B	C	D	E	F	G	H	I
		Average Area Converted (10 Year Average)	Biomass Before Conversion	Biomass After Conversion	Net Change in Biomass Density	Average Annual Loss of Biomass	Fraction Left to Decay	Quantity of Biomass Left to Decay	Carbon Fraction in Above- ground Biomass	Carbon Released from Decay of Above- ground Biomass
		(kha)	(t dm/ha)	(t dm/ha)	(t dm/ha)	(kt dm)		(kt dm)		(kt C)
					D = (B-C)	E = (A x D)		G = (E x F)		I = (G x H)
Tropical	Wet/Very Moist				0.00	0.00		0.00		0.00
	Moist, short dry season				0.00	0.00		0.00		0.00
	Moist, long dry season				0.00	0.00		0.00		0.00
	Dry				0.00	0.00		0.00		0.00
	Montane Moist				0.00	0.00		0.00		0.00
	Montane Dry				0.00	0.00		0.00		0.00
	Tropical Savanna/Grasslands					0.00	0.00		0.00	
Temperate	Coniferous				0.00	0.00		0.00		0.00
	Broadleaf				0.00	0.00		0.00		0.00
Grasslands					0.00	0.00		0.00		0.00
Boreal	Mixed Broadleaf/ Coniferous				0.00	0.00		0.00		0.00
	Coniferous				0.00	0.00		0.00		0.00
	Forest- tundra				0.00	0.00		0.00		0.00
Grasslands/Tundra					0.00	0.00		0.00		0.00
Other					0.00	0.00		0.00		0.00
Subtotal										0.00

Documentation box:

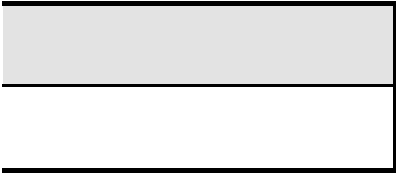
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This spreadsheet contains sheet 5 of Worksheet 5-2, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE	LAND-USE CHANGE AND FORESTRY		
SUBMODULE	FOREST AND GRASSLAND CONVERSION - CO ₂ FROM BIOMASS		
WORKSHEET	5-2		
SHEET	5 OF 5 SUMMARY AND CONVERSION TO CO ₂		
COUNTRY	0		
YEAR	0		
STEP 6			
A Immediate Release From Burning (kt C)	B Delayed Emissions From Decay (kt C) (10-year average)	C Total Annual Carbon Release (kt C)	D Total Annual CO ₂ Release (Gg CO ₂)
		C = A + B	D = C x (44/12)
0.00	0.00	0.00	0.00

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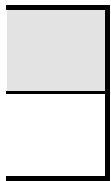


This spreadsheet contains Worksheet 5-3, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE			LAND-USE CHANGE AND FORESTRY				
SUBMODULE			ON-SITE BURNING OF FORESTS - NON-CO ₂ TRACE GASES FROM BURNING BIOMASS				
WORKSHEET			5-3				
SHEET			1 OF 1 NON-CO ₂ GAS EMISSIONS				
COUNTRY			0				
YEAR			0				
STEP 1			STEP 2				
A Quantity of Carbon Released (kt C)	B Nitrogen-Carbon Ratio	C Total Nitrogen Released (kt N)		D Trace Gas Emissions Ratios	E Trace Gas Emissions (kt C)	F Conversion Ratio	G Trace Gas Emissions from Burning of Cleared Forests (Gg CH ₄ , CO)
(From column K, sheet 2 of Worksheet 5-2)		C = (A x B)			E = (A x D)		G = (E x F)
			CH ₄		0.00	16/12	0.00
			CO		0.00	28/12	0.00
					(kt N)		(Gg N ₂ O, NO _x)
0.00		0.00			E = (C x D)		G = (E x F)
			N ₂ O		0.00	44/28	0.00
			NO _x		0.00	46/14	0.00

Documentation box:

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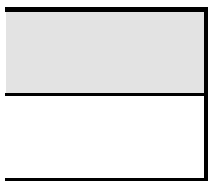


This spreadsheet contains sheet 1 of Worksheet 5-4, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE		LAND-USE CHANGE AND FORESTRY				
SUBMODULE		ABANDONMENT OF MANAGED LANDS				
WORKSHEET		5-4				
SHEET		1 OF 3 CARBON UPTAKE BY ABOVEGROUND REGROWTH - FIRST 20 YEARS				
COUNTRY		0				
YEAR		0				
		STEP 1				
Vegetation types		A 20-Year Total Area Abandoned and Regrowing (kha)	B Annual Rate of Aboveground Biomass Growth (t dm/ha)	C Annual Aboveground Biomass Growth (kt dm)	D Carbon Fraction of Aboveground Biomass	E Annual Carbon Uptake in Aboveground Biomass (kt C)
				C = (A x B)		E = (C x D)
Tropical	Wet/Very Moist			0.00		0.00
	Moist, short dry season			0.00		0.00
	Moist, long dry season			0.00		0.00
	Dry			0.00		0.00
	Montane Moist			0.00		0.00
	Montane Dry			0.00		0.00
Tropical Savanna/Grasslands				0.00		0.00
Temperate	Coniferous			0.00		0.00
	Broadleaf			0.00		0.00
Grasslands				0.00		0.00
Boreal	Mixed Broadleaf/Coniferous			0.00		0.00
	Coniferous			0.00		0.00
	Forest tundra			0.00		0.00
Grasslands/Tundra				0.00		0.00
Other				0.00		0.00
Subtotal						0.00

Documentation box:

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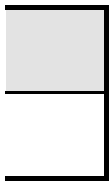


This spreadsheet contains sheet 2 of Worksheet 5-4, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE		LAND-USE CHANGE AND FORESTRY				
SUBMODULE		ABANDONMENT OF MANAGED LANDS				
WORKSHEET		5-4				
SHEET		2 OF 3 CARBON UPTAKE BY ABOVEGROUND REGROWTH - > 20 YEARS				
COUNTRY		0				
YEAR		0				
		STEP 2				
Vegetation types		G Total Area Abandoned for more than Twenty Years (kha)	H Annual Rate of Aboveground Biomass Growth (t dm/ha)	I Annual Aboveground Biomass Growth (kt dm)	J Carbon Fraction of Aboveground Biomass	K Annual Carbon Uptake in Aboveground Biomass (kt C)
				I = (G x H)		K = (I x J)
Tropical	Wet/Very Moist			0.00		0.00
	Moist, short dry season			0.00		0.00
	Moist, long dry season			0.00		0.00
	Dry			0.00		0.00
	Montane Moist			0.00		0.00
	Montane Dry			0.00		0.00
Tropical Savanna/Grasslands				0.00		0.00
Temperate	Coniferous			0.00		0.00
	Broadleaf			0.00		0.00
Grasslands				0.00		0.00
Boreal	Mixed					
	Broadleaf/Coniferous			0.00		0.00
	Coniferous			0.00		0.00
	Forest tundra			0.00		0.00
Grasslands/Tundra				0.00		0.00
Other				0.00		0.00
Subtotal						0.00

Documentation box:

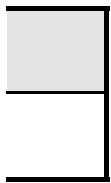
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This spreadsheet contains sheet 3 of Worksheet 5-4, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE	LAND-USE CHANGE AND FORESTRY
SUBMODULE	ABANDONMENT OF MANAGED LANDS
WORKSHEET	5-4
SHEET	3 OF 3 TOTAL CO ₂ REMOVALS FROM ABANDONED LANDS
COUNTRY	0
YEAR	0
STEP 3	
L Total Carbon Uptake from Abandoned Lands (kt C)	M Total Carbon Dioxide Uptake (Gg CO ₂)
L = (E + K)	M = (L x (44/12))
0.00	0.00

Documentation box: Parties are encouraged to provide relevant information used in the calculation and on data sources in this documentation box.



MODULE		LAND-USE CHANGE AND FORESTRY					
SUBMODULE		CHANGE IN SOIL CARBON FOR MINERAL SOILS					
WORKSHEET		5-5					
SHEET		1 OF 4					
COUNTRY		0					
YEAR		0					
STEPS 1 AND 2					STEP 3		
A Land-use/ Management Systems	B Soil type	C Soil Carbon (t) (Mg C/ha)	D Land Area (t-20) (Mha)	E Land Area (t) (Mha)	F Soil Carbon (t-20) (Tg)	G Soil Carbon (t) (Tg)	H Net change in Soil Carbon in Mineral Soils (Tg per 20 yr)
					$F = (C \times D)$	$G = (C \times E)$	$H = (G - F)$
All Systems	High activity soils		0.00	0.00	0.00	0.00	0.00
	Low activity soils		0.00	0.00	0.00	0.00	0.00
	Sandy		0.00	0.00	0.00	0.00	0.00
	Volcanic		0.00	0.00	0.00	0.00	0.00
	Wetland (Aquic)		0.00	0.00	0.00	0.00	0.00
Totals			0.00	0.00			0.00
Note: that land areas in columns D and E, summed over all land-use/management systems used in the inventory should be equal. Total land areas within each soil type, across all land-use systems, should also remain constant over the inventory period. Note: All land management systems identified in this worksheet will also be identified in the supplemental sheet 5-5A. If certain land management systems are agriculturally impacted please input data in the appropriate section identified by that land management system in the supplemental worksheet 5-5A.							
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
SubTotal			0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
SubTotal			0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00

	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00

	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00

	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00

	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
	SubTotal		0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00

	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
SubTotal			0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
SubTotal			0.00	0.00			0.00
	High activity	0.00			0.00	0.00	0.00
	Low activity	0.00			0.00	0.00	0.00
	Sandy	0.00			0.00	0.00	0.00
	Volcanic	0.00			0.00	0.00	0.00
	Wetland (Aquic)	0.00			0.00	0.00	0.00
SubTotal			0.00	0.00			0.00

Documentation box:
Parties are encouraged to provide relevant information used in the calculation and on data sources in this documentation box.

This spreadsheet contains Worksheet 5-5A (supplemental), in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE	LAND-USE CHANGE AND FORESTRY
SUBMODULE	SOIL CARBON FOR AGRICULTURALLY IMPACTED LANDS
WORKSHEET	5-5A (SUPPLEMENTAL)
SHEET	1 OF 1
COUNTRY	0
YEAR	0

A Land-use/ Management Systems	B Soil type	C Soil Carbon under Native Vegetation (Mg C/ha)	D Base Factor	E Tillage Factor	F Input Factors	G Soil Carbon in Agriculturally Impacted Lands (Mg C/ha)
						$G = (C \times D \times E \times F)$

All Systems	High Activity Soils	0.00	0.00	0.00	0.00	0.00
	Low Activity Soils	0.00	0.00	0.00	0.00	0.00
	Sandy	0.00	0.00	0.00	0.00	0.00
	Volcanic	0.00	0.00	0.00	0.00	0.00
	Wetland (Aquic)	0.00	0.00	0.00	0.00	0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00

	Wetland (Aquic)					0.00
	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00
	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00
	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00
	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00
	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00
	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00
	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00

	Volcanic					0.00
	Wetland (Aquic)					0.00
	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00
	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00
	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00
	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00
	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00
	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00
	High Activity Soils					0.00
	Low Activity Soils					0.00

	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
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	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

	High Activity Soils					0.00
	Low Activity Soils					0.00
	Sandy					0.00
	Volcanic					0.00
	Wetland (Aquic)					0.00

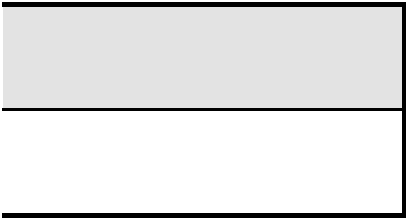
Documentation box:
Parties are encouraged to provide relevant information used in the calculation and on data sources in this documentation box.

This spreadsheet contains sheet 2 of Worksheet 5-5, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE	LAND-USE CHANGE AND FORESTRY		
SUBMODULE	CARBON EMISSIONS FROM INTENSIVELY-MANAGED ORGANIC SOILS		
WORKSHEET	5-5		
SHEET	2 OF 4		
COUNTRY	0		
YEAR	0		
STEP 4			
Agricultural Use of Organic Soils	A Land Area	B Annual Loss Rate (Mg C/ha/yr)	C Net Carbon Loss from Organic Soils
	(ha)	(Default)	(Mg/yr)
			C = (A x B)
Cool temperate			
Upland crops			0.00
Pasture/Forest			0.00
Warm temperate			
Upland crops			0.00
Pasture/Forest			0.00
Tropical			
Upland crops			0.00
Pasture/Forest			0.00
Total			0.00

Documentation box:

Parties are encouraged to provide relevant information used in the calculation and on data sources in this documentation box.

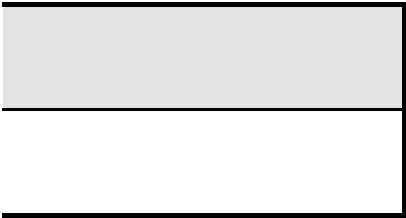


This spreadsheet contains sheet 3 of Worksheet 5-5, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE	LAND-USE CHANGE AND FORESTRY		
SUBMODULE	CARBON EMISSIONS FROM LIMING OF AGRICULTURAL SOILS		
WORKSHEET	5-5		
SHEET	3 OF 4		
COUNTRY	0		
YEAR	0		
STEP 5			
Type of lime	A	B	C
	Total Annual Amount of Lime (Mg)	Carbon Conversion Factor	Carbon Emissions from Liming (Mg C)
			C = (A x B)
Limestone Ca(CO ₃)		0.12	0.00
Dolomite CaMg(CO ₃) ₂		0.122	0.00
Total			0.00

Documentation box:

Parties are encouraged to provide relevant information used in the calculation and on data sources in this documentation box.



This spreadsheet contains sheet 4 of Worksheet 5-5, in accordance with the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories.

MODULE	LAND-USE CHANGE AND FORESTRY			
SUBMODULE	CALCULATION OF TOTAL CO ₂ -C EMISSIONS FROM AGRICULTURALLY-IMPACTED SOILS			
WORKSHEET	5-5			
SHEET	4 OF 4			
COUNTRY	0			
YEAR	0			
STEP 6				
Source	A Worksheet values	B Unit Conversion Factor	C Total Annual Carbon Emissions (Gg)	D Convert to Total Annual CO ₂ Emission (Gg/yr)
			C = (A x B)	D= C x (44/12)
Total Net Change in Soil Carbon in Mineral Soils	0.00	-50	0.00	0.00
Total Net Carbon Loss from Organic Soils	0.00	0.001	0.00	0.00
Carbon Emissions from Liming	0.00	0.001	0.00	0.00
Total				0.00

Documentation box:
Parties are encouraged to provide relevant information used in the calculation and on data sources in this documentation box.

