

Summary of SDG 15.3.1 Indicator

	Area (sq km)	Percent of total land area
Total land area:	25 165,7	100,00%
Land area improved:	7 625,1	30,30%
Land area stable:	8 795,3	34,95%
Land area degraded:	7 261,4	28,85%
Land area with no data:	1 483,9	5,90%

The boundaries, names, and designations used in this report do not imply official endorsement or acceptance by Conservation International Foundation, or its partner organizations and contributors. This report is available under the terms of Creative Commons Attribution 4.0 International License (CC BY 4.0).

For more information on Trends.Earth, see <http://trends.earth>, or contact the team at trends.earth@conservation.org.

Summary of change in productivity

	Area (sq km)	Percent of total land area
Total land area:	25 165,7	100,00%
Land area with improved productivity:	2 988,0	11,87%
Land area with stable productivity:	16 092,5	63,95%
Land area with degraded productivity:	5 611,5	22,30%
Land area with no data for productivity:	473,7	1,88%

* For the SDG indicator, areas are considered to be improved if they have "Improving" productivity, to be stable if they have "stable"

Area of land with improving productivity by type of land cover transition (sq. km)

		Land cover type in target year							
		Tree-covered areas	Grasslands	Croplands	Wetlands	Artificial areas	Other lands	Water bodies	Total:
Land cover type in base	Tree-covered areas	263,45	47,14	80,77	6,38	1,35	0,00	1,56	400,64
	Grasslands	54,40	361,23	919,23	12,26	21,26	0,00	1,46	1 369,85
	Croplands	38,69	103,16	938,35	6,26	7,90	0,00	3,76	1 098,11
	Wetlands	4,14	4,58	6,50	28,51	2,42	0,00	0,84	46,99
	Artificial areas	0,15	0,14	1,04	0,00	7,30	0,00	0,27	8,90
	Other lands	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
	Water bodies	1,31	0,73	2,64	0,67	0,03	0,00	8,64	14,01
Total:		362,15	516,96	1 948,52	54,09	40,25	0,00	16,53	2 938,50

Area of land with stable productivity by type of land cover transition (sq. km)

		Land cover type in target year							
		Tree-covered areas	Grasslands	Croplands	Wetlands	Artificial areas	Other lands	Water bodies	Total:
Land cover type in base	Tree-covered areas	1 177,04	290,00	512,14	43,96	2,10	0,00	3,58	2 028,82
	Grasslands	259,83	1 985,26	3 717,08	37,17	30,77	0,00	8,16	6 038,27
	Croplands	261,08	632,68	6 425,44	81,40	44,55	0,00	25,45	7 470,62
	Wetlands	28,29	26,21	69,73	114,68	5,89	0,00	1,61	246,39
	Artificial areas	0,26	0,30	6,97	0,15	16,80	0,00	0,48	24,96
	Other lands	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
	Water bodies	0,93	0,79	8,61	0,74	0,30	0,00	16,06	27,43
Total:		1 727,44	2 935,24	10 739,97	278,09	100,42	0,00	55,32	15 836,48

Area of land with stressed productivity by type of land cover transition (sq. km)

		Land cover type in target year							
		Tree-covered areas	Grasslands	Croplands	Wetlands	Artificial areas	Other lands	Water bodies	Total:

Land cover type in base!	Tree-covered areas	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
	Grasslands	0,00	0,13	0,00	0,00	0,00	0,00	0,05	0,18
	Croplands	0,00	0,00	0,31	0,00	0,00	0,00	0,29	0,60
	Wetlands	0,00	0,00	0,00	0,02	0,00	0,00	0,08	0,09
	Artificial areas	0,00	0,00	0,00	0,00	0,39	0,00	0,01	0,40
	Other lands	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
	Water bodies	0,00	0,00	0,67	0,01	0,08	0,00	1,69	2,45
	Total:	0,00	0,13	0,98	0,03	0,47	0,00	2,12	3,72

Area of land with moderate decline for productivity by type of land cover transition (sq. km)

		Land cover type in target year							
		Tree-covered areas	Grasslands	Croplands	Wetlands	Artificial areas	Other lands	Water bodies	Total:
Land cover type in base!	Tree-covered areas	246,08	62,81	102,59	11,40	0,60	0,00	0,63	424,10
	Grasslands	51,15	333,16	482,47	5,68	4,91	0,00	2,47	879,83
	Croplands	59,33	113,16	1 271,87	18,54	9,67	0,00	5,68	1 478,25
	Wetlands	10,88	7,26	18,13	18,57	2,02	0,00	1,64	58,51
	Artificial areas	0,18	0,86	4,52	0,00	6,67	0,00	0,26	12,49
	Other lands	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
	Water bodies	0,08	0,15	0,93	0,08	0,27	0,00	3,67	5,17
	Total:	367,70	517,40	1 880,52	54,26	24,13	0,00	14,34	2 858,35

Area of land with declining productivity by type of land cover transition (sq. km)

		Land cover type in target year							
		Tree-covered areas	Grasslands	Croplands	Wetlands	Artificial areas	Other lands	Water bodies	Total:
Land cover type in base!	Tree-covered areas	137,90	34,93	66,79	4,96	1,77	0,00	1,50	247,84
	Grasslands	41,91	300,74	401,94	8,72	17,94	0,00	3,46	774,72
	Croplands	38,20	104,17	1 145,42	22,14	60,92	0,00	6,63	1 377,47
	Wetlands	4,03	11,08	33,92	56,53	7,36	0,00	5,93	118,85

Land cov	Artificial areas	0,20	1,84	6,67	0,07	37,99	0,00	1,45	48,22
	Other lands	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
	Water bodies	0,01	0,03	0,73	0,27	0,34	0,00	4,34	5,73
	<i>Total:</i>	222,24	452,78	1 655,49	92,69	126,31	0,00	23,32	2 572,83

Area of land with no data for productivity by type of land cover transition (sq. km)

		Land cover type in target year							
		Tree-covered areas	Grasslands	Croplands	Wetlands	Artificial areas	Other lands	Water bodies	<i>Total:</i>
Land cover type in baseline	Tree-covered areas	0,09	0,01	0,00	0,03	0,00	0,00	0,51	0,64
	Grasslands	0,00	0,46	0,18	0,38	0,17	0,00	2,97	4,16
	Croplands	0,03	0,14	6,92	0,03	0,27	0,00	5,12	12,52
	Wetlands	0,26	0,07	0,58	2,35	0,20	0,00	2,03	5,49
	Artificial areas	0,00	0,02	0,49	0,00	1,13	0,00	0,31	1,94
	Other lands	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
	Water bodies	0,15	2,01	20,96	3,05	3,27	0,00	1 753,53	1 782,96
	<i>Total:</i>	0,54	2,70	29,13	5,84	5,04	0,00	1 764,47	1 807,71

The boundaries, names, and designations used in this report do not imply official endorsement or acceptance by Conservation

For more information on Trends.Earth, see <http://trends.earth>, or contact the team at trends.earth@conservation.org.

Trends.Earth soil organic carbon summary table



Summary of change in soil organic carbon

	Area (sq km)	Percent of total land area
Total land area:	24 871,2	98,83%
Land area with improved soil organic carbon:	780,1	3,10%
Land area with stable soil organic carbon:	22 672,4	90,09%
Land area with degraded soil organic carbon:	266,4	1,06%
Land area with no data for soil organic carbon:	1 152,2	4,58%

Percent change in soil organic carbon storage from baseline to target: -4,14%

Soil organic carbon change from baseline to target

	Baseline soil organic carbon (tonnes / ha)	Target soil organic carbon (tonnes / ha)	Baseline area (sq. km)	Target area (sq. km)	Baseline soil organic carbon (tonnes)	Target soil organic carbon (tonnes)	Change in soil organic carbon (tonnes)	Change in soil organic carbon (percent)
Tree-covered areas	60,47	58,63	3 094,25	2 677,58	18 712 159,60	15 698 549,68	-3 013 609,92	-16,11%
Grasslands	48,97	46,70	9 048,44	4 421,51	44 307 501,22	20 650 434,26	-23 657 066,96	-53,39%
Croplands	42,43	43,21	11 390,64	16 220,06	48 325 301,86	70 082 322,89	21 757 021,03	45,02%
Wetlands	29,94	27,27	464,19	480,17	1 389 772,04	1 309 313,37	-80 458,66	-5,79%
Artificial areas	11,16	14,50	94,14	292,34	105 049,84	423 864,55	318 814,70	303,49%
Other lands	0,00	0,00	0,00	0,00	0,00	0,00	0,00	#DIV/0!
<i>Total:</i>			24 091,66	24 091,66	112 839 784,56	108 164 484,75	-4 675 299,82	

Soil organic carbon change from baseline to target by type of land cover transition (as percentage of initial stock)*

		Land cover type in target year					
		Tree-covered areas	Grasslands	Croplands	Wetlands	Artificial areas	Other lands
Land cover type in baseline year	Tree-covered areas	-2,76%	-1,36%	-5,74%	-7,85%		
	Grasslands	-3,43%	-2,27%	-6,82%	-8,20%		
	Croplands	5,66%	6,39%	0,86%	-0,48%		
	Wetlands	-4,50%	-2,03%	-10,48%	-21,97%		
	Artificial areas	29,79%	33,73%	28,93%	40,00%		
	Other lands						

* Trends.Earth calculates soil organic carbon change based on annual land cover transitions. This table shows change in soil organic carbon

The boundaries, names, and designations used in this report do not imply official endorsement or acceptance by Conservation

For more information on Trends.Earth, see <http://trends.earth>, or contact the team at trends.earth@conservation.org.



Trends.Earth land cover summary table

Summary of change in land cover

	Area (sq km)	Percent of total land area
Total land area:	24 920,6	99,03%
Land area with improved land cover:	6 353,2	25,25%
Land area with stable land cover:	14 892,8	59,18%
Land area with degraded land cover:	2 857,5	11,35%
Land area with no data for land cover:	817,1	3,25%

Land cover change by cover class

	Baseline area (sq. km)	Target area (sq. km)	Change in area (sq. km)	Change in area (percent)
Tree-covered areas	3 102,04	2 680,07	-421,97	-13,60%
Grasslands	9 067,00	4 425,21	-4 641,79	-51,19%
Croplands	11 437,57	16 254,60	4 817,04	42,12%
Wetlands	476,32	484,99	8,67	1,82%
Artificial areas	96,93	296,62	199,70	206,03%
Other lands	0,00	0,00	0,00	#DIV/0!
Water bodies	1 837,75	1 876,11	38,36	2,09%
<i>Total:</i>	<i>26 017,60</i>	<i>26 017,60</i>	<i>0,00</i>	

Land area by type of land cover transition (sq. km)

		Land cover type in target year							
		Tree-covered areas	Grasslands	Croplands	Wetlands	Artificial areas	Other lands	Water bodies	<i>Total:</i>
1	baseline	3 102,04	9 067,00	11 437,57	476,32	96,93	0,00	1 837,75	
	target	2 680,07	4 425,21	16 254,60	484,99	296,62	0,00	1 876,11	31 017,60

The boundaries, names, and designations used in this report do not imply official endorsement or acceptance by

For more information on Trends.Earth, see <http://trends.earth>, or contact the team at trends.earth@conservation.org.