United Nations Convention to Combat Desertification
Performance review and assessment of implementation system
Seventh reporting process

Report from Viet Nam

9 February 2023

Contents

SO1-1 Trends in land cover

Land area

SO1-1.T1: National estimates of the total land area, the area covered by water bodies and total country area

Year	Total land area (km²)	Water bodies (km²)	Total country area (km²)	Comments
2000	331 127	8 498	339 625	
2001	331 136	7 552	338 688	
2002	331 132	7 977	339 109	
2003	331 125	8 676	339 801	
2004	335 245	9 201	344 446	
2005	340 896	9 599	350 495	
2006	337 724	11 401	349 125	
2007	335 941	11 503	347 444	
2008	338 877	10 974	349 851	
2009	338 992	10 905	349 897	
2010	329 790	10 757	340 547	
2011	330 827	10 775	341 602	
2012	331 184	10 829	342 013	
2013	330 587	10 769	341 356	
2014	330 896	10 682	341 578	
2015	330 973	9 870	340 843	
2016	330 953		330 953	This data is total area of lands. The missing data ta will be imported when availble.
2017	330 951		330 951	This data is total area of lands. The missing data ta will be imported when availble.
2018	330 988		330 988	This data is total area of lands. The missing data ta will be imported when availble.

Year	Total land area (km²)	Water bodies (km²)	Total country area (km²)	Comments
2019	330 967		330 967	This data is total area of lands. The missing data ta will be imported when availble.
2020	331 339		331 339	This data is total area of lands. The missing data ta will be imported when availble.
2021	331 345		331 345	This data is total area of lands. The missing data ta will be imported when availble.
2022	331 345		331 345	This data is total area of lands. The missing data ta will be imported when availble.

Land cover legend and transition matrix

SO1-1.T2: Key Degradation Processes

Degradation Process	Starting Land Cover	Ending Land Cover

Are the seven UNCCD land cover classes sufficient to monitor the key degradation processes in your country?

- ○ Yes
- ◉ No

SO1-1.T3: Land Cover Legend

Country legend class	Country legend class code	UNCCD legend class

SO1-1.T4: Country Land Cover Legend Transition Matrix

Original/ Final

Degradation	Improvement	Stable
-	+	0

Land cover

SO1-1.T5: National estimates of land cover (km²) for the baseline and reporting period

	No data (km²)
2000	0
2001	0
2002	0
2003	0
2004	123 068 .58
2005	126 167
2006	128 378 .5
2007	128 373 .33
2008	131 187 .73

	No data (km²)
2009	132 588 .43
2010	130 309 .39
2011	131 381
2012	134 836
2013	135 584 .74
2014	133 824 .44
2015	135 209 .84
2016	136 319 .34
2017	137 179 .18
2018	137 856 .42
2019	138 642 .23
2020	139 195 .57

Land cover change

SO1-1.T6: National estimates of land cover change (km²) for the baseline period

	Total (km²)
Total	

SO1-1.T7: National estimates of land cover change (km²) for the reporting period

	Total land area (km²)
Total	

Land cover degradation

SO1-1.T8: National estimates of land cover degradation (km²) in the baseline period

	Area (km²)	Percent of total land area (%)
Land area with degraded land cover	68 200	20 .0
Land area with non-degraded land cover	232 880	68 .2
Land area with no land cover data	39 920	11 .7

SO1-1.T9: National estimates of land cover degradation (km²) in the reporting period

	Area (km²)	Percent of total land area (%)
Land area with improved land cover	1	0 .0
Land area with stable land cover	133 296	40 .2
Land area with degraded land cover	68 200	20 .6
Land area with no land cover data	39 920	12 .0

SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

General comments

SO1-2 Trends in land productivity or functioning of the land

Land productivity dynamics

SO1-2.T1: National estimates of land productivity dynamics (in km²) within each land cover class for the baseline period

Land cover class	Net land productivity dynamics (km²) for the baseline period					
	Declining (km²)	Moderate Decline (km²)	Stressed (km²)	Stable (km²)	Increasing (km²)	No Data (km²)
Tree-covered areas	1 527 .0	26 318 .0	26 952 .0	2 686 .0	53 100 .0	32 .0
Grasslands	561 .0	12 954 .0	12 686 .0	974 .0	12 256 .0	14 .0
Croplands	2 016 .0	38 193 .0	33 054 .0	6 399 .0	73 011 .0	196 .0
Wetlands	55 .0	343 .0	1 100 .0	66 .0	628 .0	105 .0
Artificial surfaces	140 .0	188 .0	668 .0	68 .0	146 .0	4 .0
Other Lands	4 .0	1 .0	26 .0	73 .0	78 .0	2 .0
Water bodies	286 .0	847 .0	2 572 .0	645 .0	1 908 .0	987 .0

SO1-2.T2: National estimates of land productivity dynamics (in km²) within each land cover class for the reporting period.

Land cover class	Net land productivity dynamics (km²) for the reporting period					
	Declining (km²)	Moderate Decline (km²)	Stressed (km²)	Stable (km²)	Increasing (km²)	No Data (km²)
Tree-covered areas	1 057 .0	13 153 .0	27 683 .0	13 178 .0	55 108 .0	33 .0
Grasslands	235 .0	3 830 .0	13 783 .0	6 042 .0	16 400 .0	13 .0
Croplands	945 .0	17 832 .0	36 812 .0	17 406 .0	78 960 .0	200 .0
Wetlands	57 .0	315 .0	1 003 .0	157 .0	687 .0	105 .0
Artificial surfaces	105 .0	118 .0	951 .0	152 .0	250 .0	6 .0
Other Lands	7 .0	1 .0	23 .0	66 .0	86 .0	3 .0
Water bodies	274 .0	635 .0	2 558 .0	641 .0	2 161 .0	990 .0

SO1-2.T3: National estimates of land productivity dynamics for areas where a land conversion to a new land cover class has taken place (in km²) for the baseline period.

Land Conversion		Net land productivity dynamics (km²) for the baseline period					
From	To	Net area change (km²)	Declining (km²)	Moderate Decline (km²)	Stressed (km²)	Stable (km²)	Increasing (km²)
Croplands	Artificial surfaces	2 100	199	408	1 077	88	322

SO1-2.T4: National estimates of land productivity dynamics for areas where a land conversion to a new land cover class has taken place (in km²) for the reporting period.

Land Conversion	Net land productivity dynamics (km²) for the reporting period

From	To	Net area change (km²)	Declining (km²)	Moderate Decline (km²)	Stressed (km²)	Stable (km²)	Increasing (km²)
Tree-covered areas	Grasslands	1 759	10	144	609	194	801

Land Productivity degradation

SO1-2.T5: National estimates of land productivity degradation in the baseline period

	Area (km²)	Percent of total land area (%)
Land area with degraded land productivity	85 166 .0	25 .7
Land area with non-degraded land productivity	234 574 .0	70 .9
Land area with no land productivity data	387 .0	0 .1

SO1-2.T6: National estimates of land productivity degradation in the reporting period

	Area (km²)	Percent of total land area (%)
Land area with improved land productivity	157 309 .0	47 .5
Land area with stable land productivity	123 270 .0	37 .2
Land area with degraded land productivity	39 234 .0	11 .8
Land area with no land productivity data	404 .0	0 .1

General comments

SO1-3 Trends in carbon stocks above and below ground

Soil organic carbon stocks

SO1-3.T1: National estimates of the soil organic carbon stock in topsoil (0-30 cm) within each land cover class (in tonnes per hectare).

Year	Soil organic carbon stock in topsoil (t/ha)						
	Tree-covered areas	Grasslands	Croplands	Wetlands	Artificial surfaces	Other Lands	Water bodies
2000	110 .0	92 .0	87 .0	115 .0	189 .0	140 .0	26 .0
2001	112 .0	89 .0	87 .0	114 .0	180 .0	140 .0	26 .0
2002	113 .0	89 .0	86 .0	114 .0	169 .0	140 .0	26 .0
2003	113 .0	89 .0	86 .0	114 .0	162 .0	140 .0	26 .0
2004	113 .0	90 .0	86 .0	113 .0	155 .0	139 .0	26 .0
2005	113 .0	91 .0	86 .0	113 .0	145 .0	139 .0	26 .0
2006	113 .0	91 .0	86 .0	113 .0	136 .0	139 .0	26 .0
2007	113 .0	92 .0	86 .0	112 .0	127 .0	139 .0	27 .0
2008	113 .0	92 .0	86 .0	111 .0	119 .0	139 .0	27 .0
2009	113 .0	92 .0	86 .0	110 .0	112 .0	139 .0	27 .0
2010	113 .0	92 .0	86 .0	109 .0	105 .0	139 .0	27 .0
2011	114 .0	92 .0	86 .0	107 .0	100 .0	139 .0	27 .0
2012	114 .0	92 .0	86 .0	106 .0	92 .0	139 .0	27 .0
2013	114 .0	92 .0	86 .0	106 .0	81 .0	139 .0	27 .0
2014	114 .0	92 .0	86 .0	105 .0	71 .0	139 .0	27 .0
2015	116 .0	92 .0	84 .0	110 .0	64 .0	140 .0	28 .0
2016	115 .0	93 .0	85 .0	109 .0	64 .0	138 .0	27 .0
2017	115 .0	93 .0	85 .0	107 .0	61 .0	138 .0	27 .0
2018	115 .0	92 .0	85 .0	106 .0	59 .0	138 .0	27 .0
2019	113 .0	93 .0	86 .0	105 .0	59 .0	138 .0	27 .0
2020							

If you opted not to use default Tier 1 data, what did you use to calculate the estimates above?

- ○ Modified Tier 1 methods and data
- ○ Tier 2 (additional use of country-specific data)
- ○ Tier 3 (more complex methods involving ground measurements and modelling)

SO1-3.T2: National estimates of the change in soil organic carbon stock in soil due to land conversion to a new land cover class in the baseline period

Land Conversion		Soil organic carbon (SOC) stock change in the baseline period					
From	To	Net area change (km²)	Initial SOC stock (t/ha)	Final SOC stock (t/ha)	Initial SOC stock total (t)	Final SOC stock total (t)	SOC stock change (t)

Land Conversion		Soil organic carbon (SOC) stock change in the baseline period					
From	To	Net area change (km²)	Initial SOC stock (t/ha)	Final SOC stock (t/ha)	Initial SOC stock total (t)	Final SOC stock total (t)	SOC stock change (t)
Croplands	Artificial surfaces	2 100 .0	77 .0	56 .5	16 169 134 .0	11 867 739 .0	-4 301 395

SO1-3.T3: National estimates of the change in soil organic carbon stock in soil due to land conversion to a new land cover class in the reporting period

Land Conversion		Soil organic carbon (SOC) stock change in the reporting period					
From	To	Net area change (km²)	Initial SOC stock (t/ha)	Final SOC stock (t/ha)	Initial SOC stock total (t)	Final SOC stock total (t)	SOC stock change (t)
Croplands	Tree-covered areas	3 082 .0	82 .0	83 .6	25 275 807 .0	25 780 768 .0	504 961

Soil organic carbon stock degradation

SO1-3.T4: National estimates of soil organic carbon stock degradation in the baseline period

	Area (km²)	Percent of total land area (%)
Land area with degraded soil organic carbon (SOC)	4 930 .1	1 .5
Land area with non-degraded SOC	314 592 .1	95 .1
Land area with no SOC data	606 .1	0 .2

SO1-3.T5: National estimates of SOC stock degradation in the reporting period

	Area (km²)	Percent of total land area (%)
Land area with improved SOC	0 .1	0 .0
Land area with stable SOC	317 283 .1	95 .8
Land area with degraded SOC	2 305 .1	0 .7
Land area with no SOC data	629 .1	0 .2

General comments

SO1-4 Proportion of degraded land over the total land area

Proportion of degraded land over the total land area (Sustainable Development Goal Indicator 15.3.1)

SO1-4.T1: National estimates of the total area of degraded land (in km²), and the proportion of degraded land relative to the total land area

	Total area of degraded land (km²)	Proportion of degraded land over the total land area (%)
Baseline Period	93 321 .1	28 .2
Reporting Period	77 578 .1	23 .4
Change in degraded extent	-15743	

Method

Did you use the SO1-1, SO1-2 and SO1-3 indicators (i.e. land cover, land productivity dynamics and soil organic carbon stock) to compute the proportion of degraded land?

Which indicators did you use?

☒ Land Cover
☐ Land Productivity Dynamics
☐ SOC Stock

Did you apply the one-out, all-out principle to compute the proportion of degraded land?

○ Yes
◉ No

Level of Confidence

Indicate your country's level of confidence in the assessment of the proportion of degraded land:

◉ High (based on comprehensive evidence)
○ Medium (based on partial evidence)
○ Low (based on limited evidence)

Describe why the assessment has been given the level of confidence selected above:

False positives/ False negatives

SO1-4.T3: Justify why any area identified as degraded or non-degraded in the SO1-1, SO1-2 or SO1-3 indicator data should or should not be included in the overall Sustainable Development Goal indicator 15.3.1 calculation.

Location Name	Type	Recode Options	Area (km²)	Process driving false +/- outcome	Basis for Judgement	Edit Polygon

Perform qualitative assessments of areas identified as degraded or improved

SO1-4.T4: Degradation hotspots

Hotspots	Location	Area (km²)	Assessment Process	Direct drivers of land degradation hotspots	Action(s) taken to redress degradation in terms of Land Degradation Neutrality response hierarchy	Remediating action(s) (both forward-looking and current)	Edit Polygon
Total no. of hotspots	0						

SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

Hotspots	Location	Area (km²)	Assessment Process	Direct drivers of land degradation hotspots	Action(s) taken to redress degradation in terms of Land Degradation Neutrality response hierarchy	Remediating action(s) (both forward-looking and current)	Edit Polygon
Total hotspot area	0						

What is/are the indirect driver(s) of land degradation at the national level?

1.
2.
3.
4.
5.

SO1-4.T5: Improvement brightspots

Brightspots	Location	Area (km²)	Assessment Process	What action(s) led to the brightspot in terms of the Land Degradation Neutrality hierarchy?	Implementing action(s) (both forward-looking and current)	Edit Polygon
Total no. of brightpots		0				
Total brightspot area		0				

What are the enabling and instrumental responses at the national level driving the occurrence of brightspots?

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.

General comments

SO1 Voluntary Targets

SO1-VT.T1: Voluntary Land Degradation Neutrality targets and other targets relevant to strategic objective 1

Target	Year	Location(s)	Total Target Area (km²)	Overarching type of Land Degradation Neutrality (LDN) intervention	Targeted action(s)	Status of target achievement	Is this an LDN target? If so, under which process was it defined/adopted?	Which other important goals are also being addressed by this target?	Edit Polygon
Total			Sum of all targeted areas 0						

SO1.IA.T1: Areas of implemented action related to the targets (projects and initiatives on the ground).

Relevant Target	Implemented Action	Location (placename)	Action start date	Extent of action	Total Area Implemented So Far (km²)	Edit Polygon
					Sum of all areas relevant to actions under the same target	

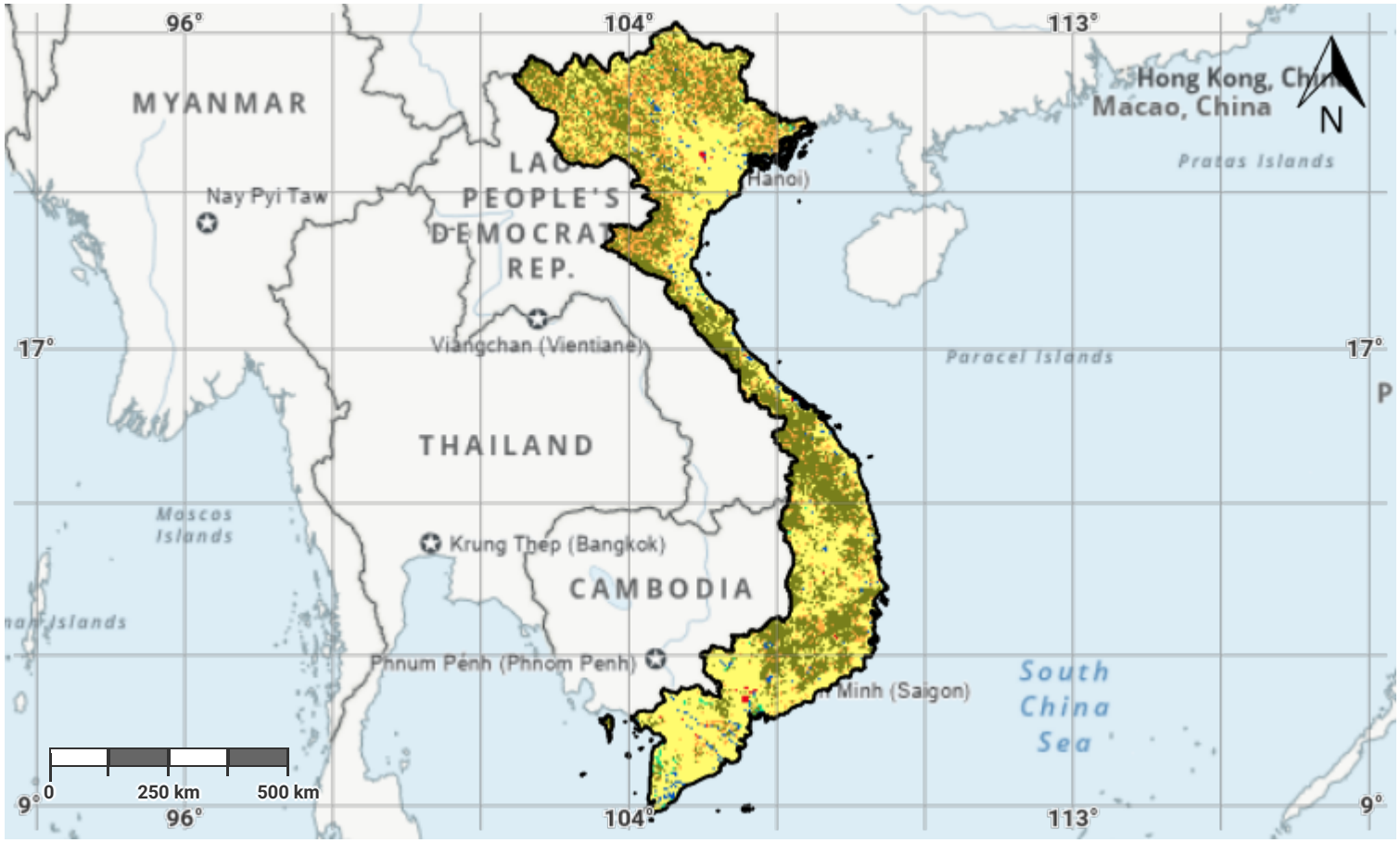
General comments

Other files for Reporting

Viet Nam - SO5-1 recipient	Download	35.6 KB

Viet Nam – SO1-1.M1

Land cover in the initial year of the baseline period



Legend

- No data
- Tree-covered
- Grassland
- Cropland
- Wetland
- Artificial
- Other land
- Water body
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

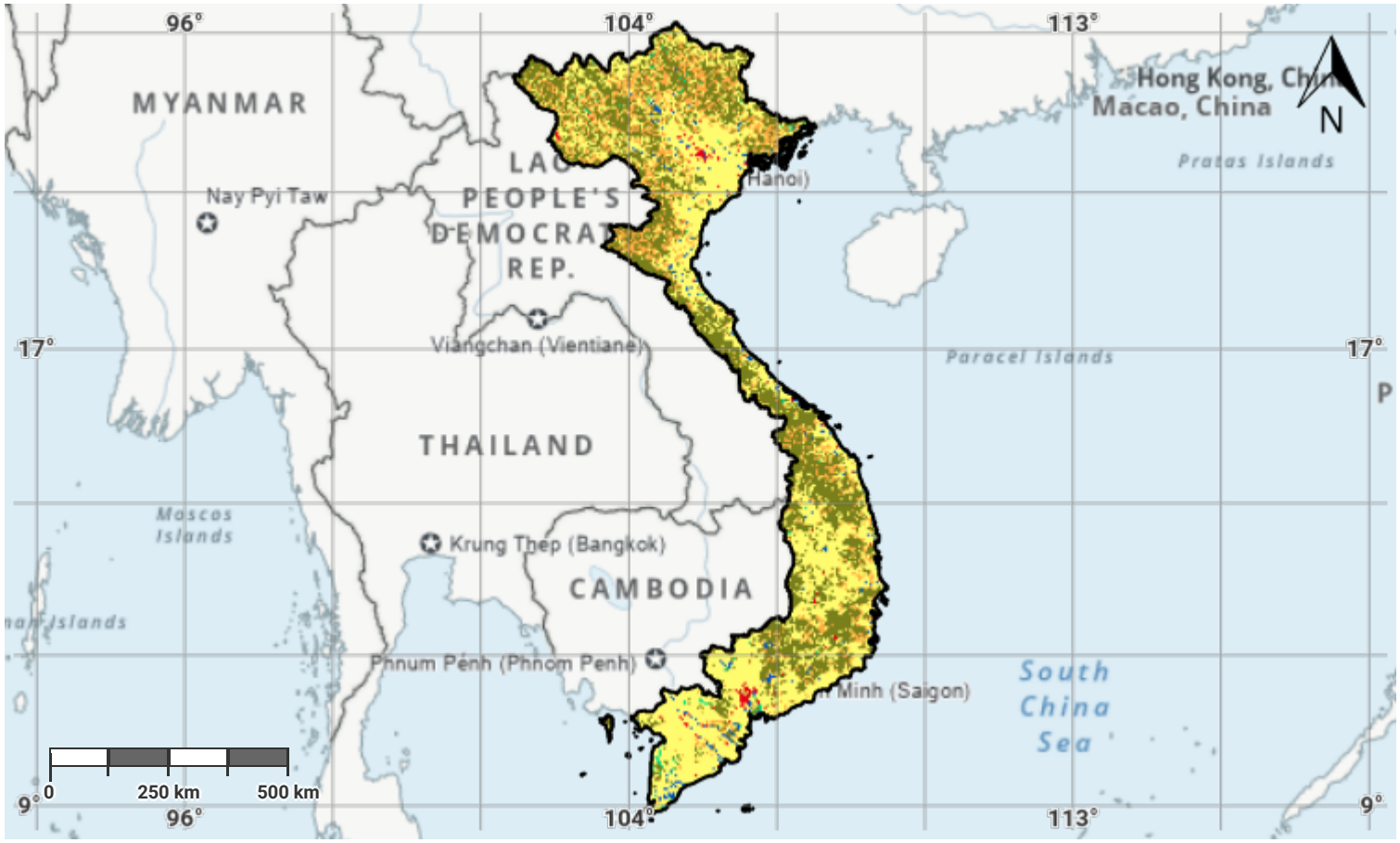
The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- European Space Agency Climate Change Initiative Land Cover (ESA CCI-LC) product, 1992-2019. URL: https://www.esa-landcover-cci.org/

Viet Nam – SO1-1.M2

Land cover in the baseline year



Projection: EPSG:3857 (Web Mercator)

Disclaimer

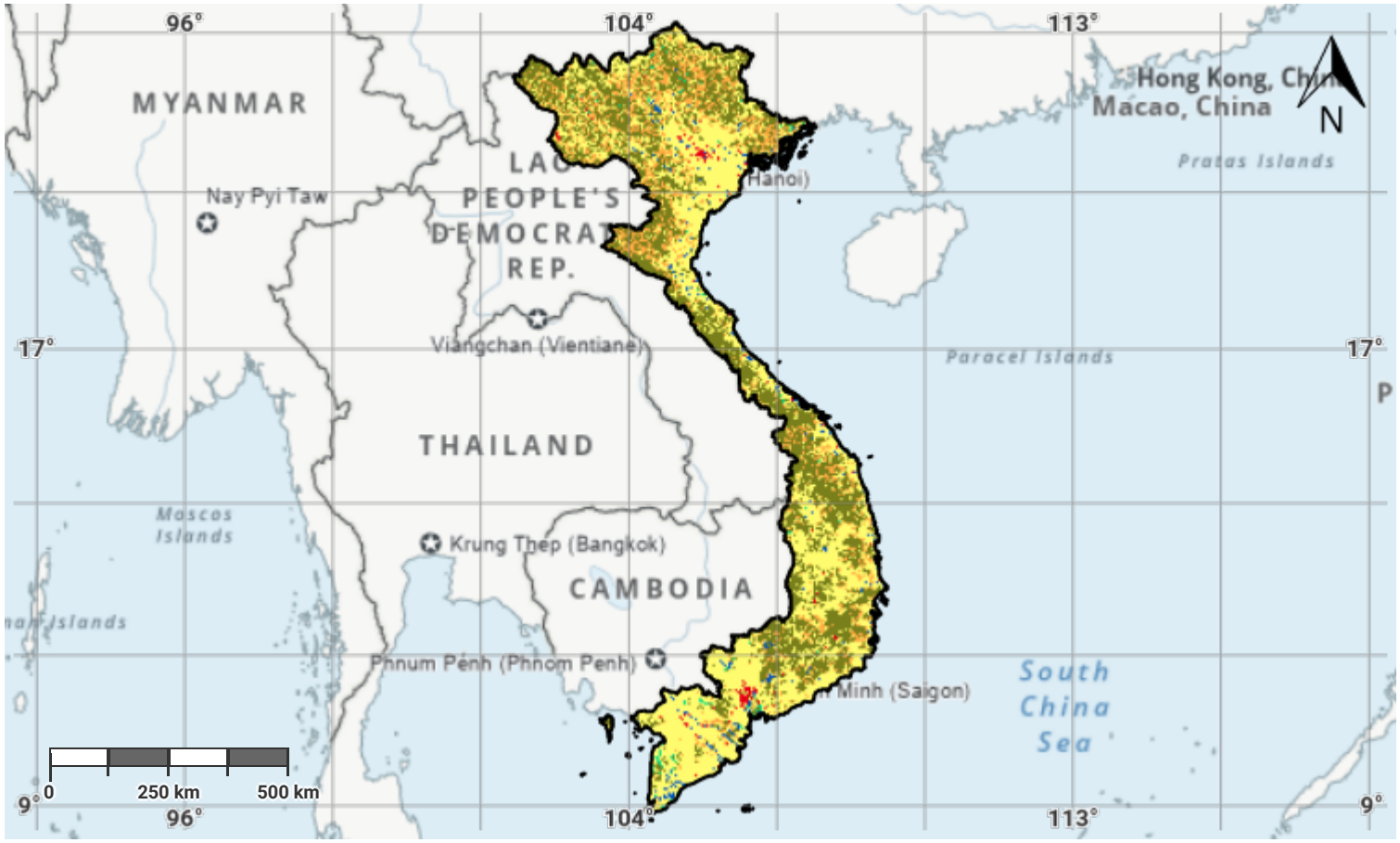
The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- European Space Agency Climate Change Initiative Land Cover (ESA CCI-LC) product, 1992-2019. URL: https://www.esa-landcover-cci.org/

Viet Nam – SO1-1.M3

Land cover in the latest reporting year



Legend

- No data
- Tree-covered
- Grassland
- Cropland
- Wetland
- Artificial
- Other land
- Water body
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- European Space Agency Climate Change Initiative Land Cover (ESA CCI-LC) product, 1992-2019. URL: https://www.esa-landcover-cci.org/

Viet Nam – SO1-1.M4

Land cover change in the baseline period

Legend

- No data
- No change
- Tree-covered loss
- Grassland loss
- Cropland loss
- Wetland loss
- Artificial loss
- Other land loss
- Water body loss
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- European Space Agency Climate Change Initiative Land Cover (ESA CCI-LC) product, 1992-2019. URL: https://www.esa-landcover-cci.org/

Viet Nam – SO1-1.M5

Land cover change in the reporting period

Legend

- No data
- No change
- Tree-covered loss
- Grassland loss
- Cropland loss
- Wetland loss
- Artificial loss
- Other land loss
- Water body loss
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- European Space Agency Climate Change Initiative Land Cover (ESA CCI-LC) product, 1992-2019. URL: https://www.esa-landcover-cci.org/

Viet Nam – SO1-1.M6

Land cover degradation in the baseline period

Legend

- No data
- Degradation
- Not degraded
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- European Space Agency Climate Change Initiative Land Cover (ESA CCI-LC) product, 1992-2019. URL: https://www.esa-landcover-cci.org/

Viet Nam – SO1-1.M7

Land cover degradation in the reporting period

Legend

- No data
- Degradation
- Stable
- Improvement
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

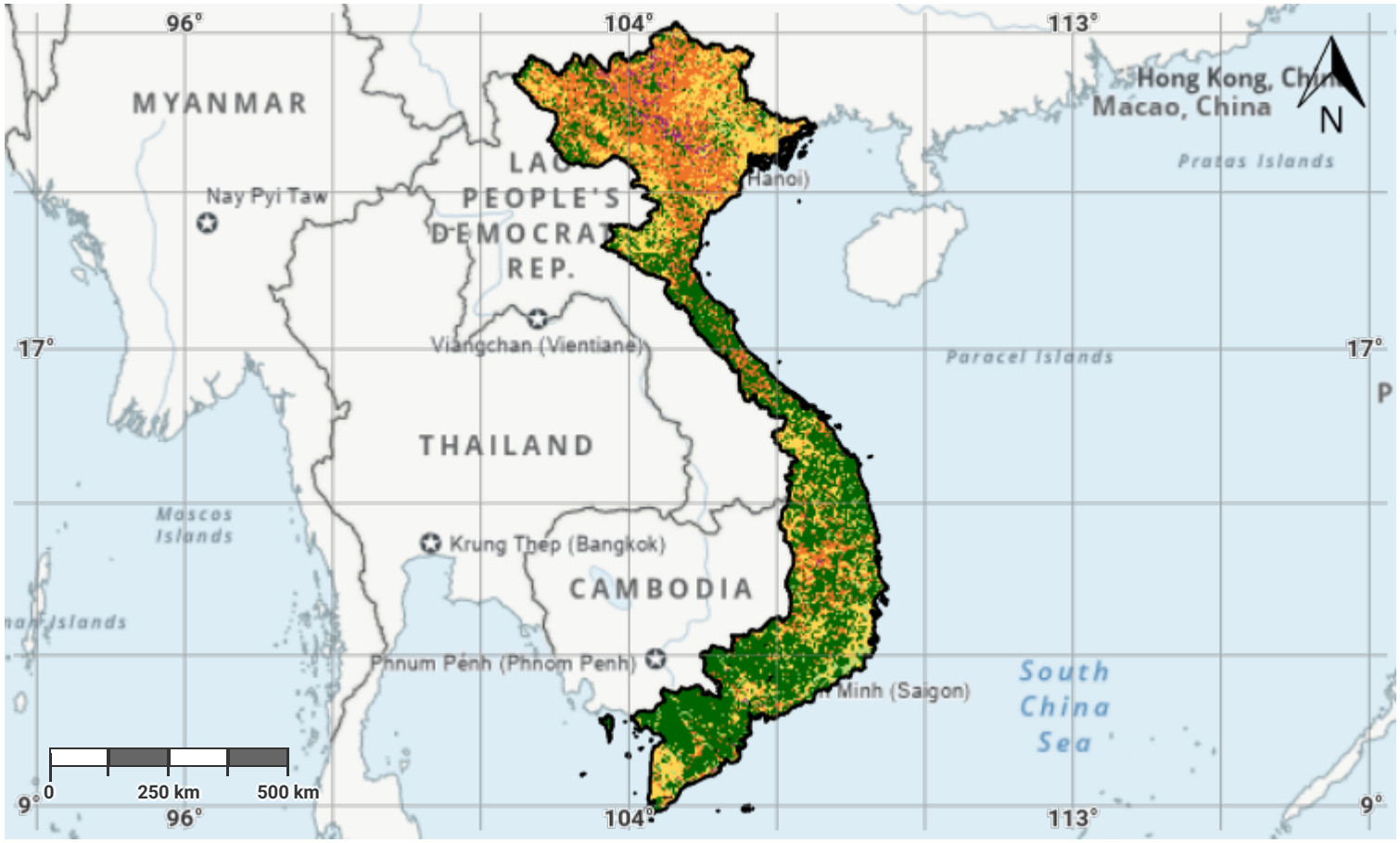
The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- European Space Agency Climate Change Initiative Land Cover (ESA CCI-LC) product, 1992-2019. URL: https://www.esa-landcover-cci.org/

Viet Nam – SO1-2.M1

Land productivity dynamics in the baseline period



Projection: EPSG:3857 (Web Mercator)

Disclaimer

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- EC-JRC, 2021, based on Xavier Rotllan-Puig, Eva Ivits, Michael Cherlet, LPDynR: A new tool to calculate the land productivity dynamics indicator, Ecological Indicators, Volume 133, 2021, 108386, ISSN 1470-160X. URL: https://doi.org/10.1016/j.ecolind.2021.108386

Viet Nam – SO1-2.M2

Land productivity dynamics in the reporting period

Legend

- No data
- Declining
- Moderate decline
- Stressed
- Stable
- Increasing
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

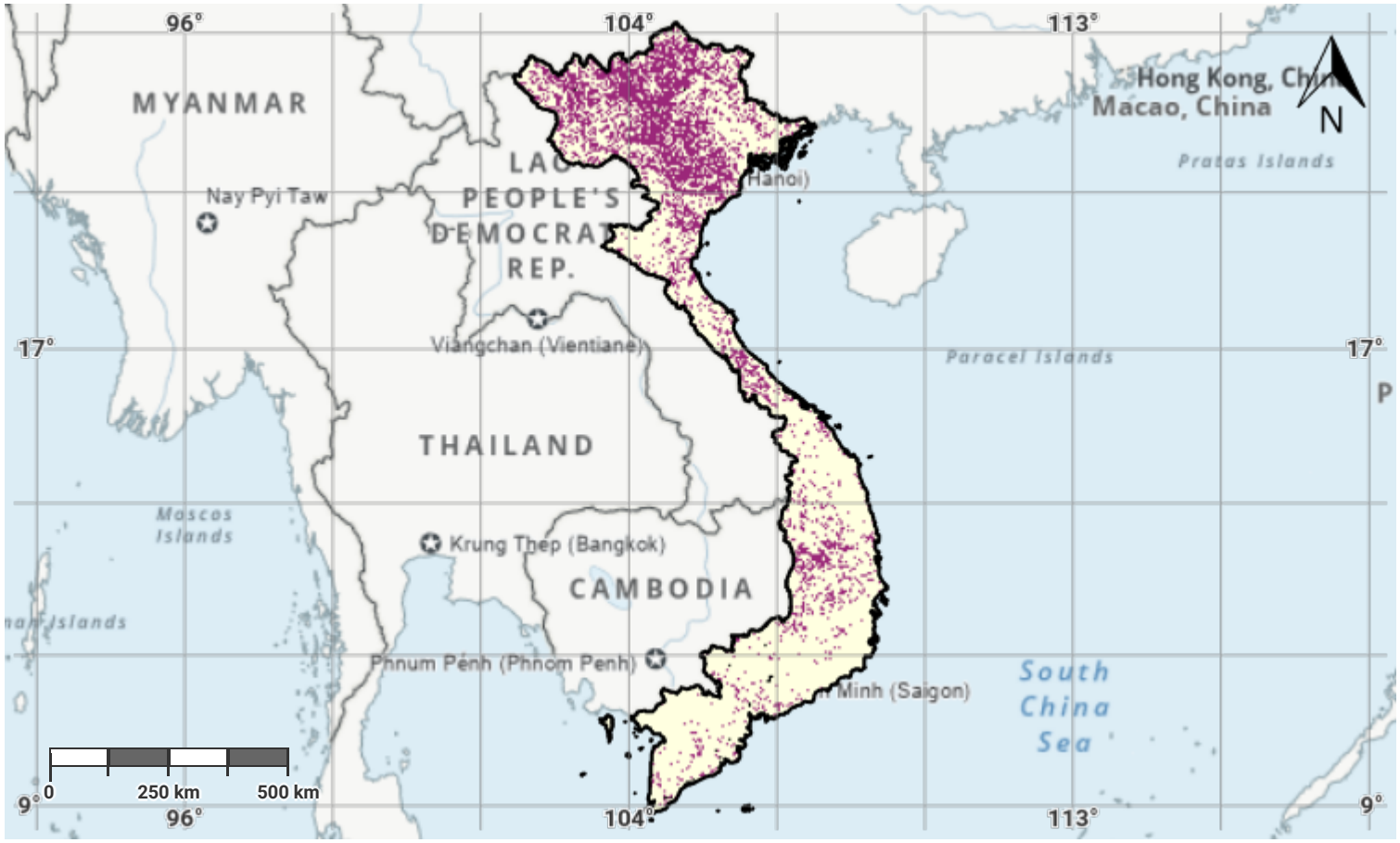
The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- EC-JRC, 2021, based on Xavier Rotllan-Puig, Eva Ivits, Michael Cherlet, LPDynR: A new tool to calculate the land productivity dynamics indicator, Ecological Indicators, Volume 133, 2021, 108386, ISSN 1470-160X. URL: https://doi.org/10.1016/j.ecolind.2021.108386

Viet Nam – SO1-2.M3

Land productivity degradation in the baseline period



Legend

- No data
- Degradation
- Not degraded
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

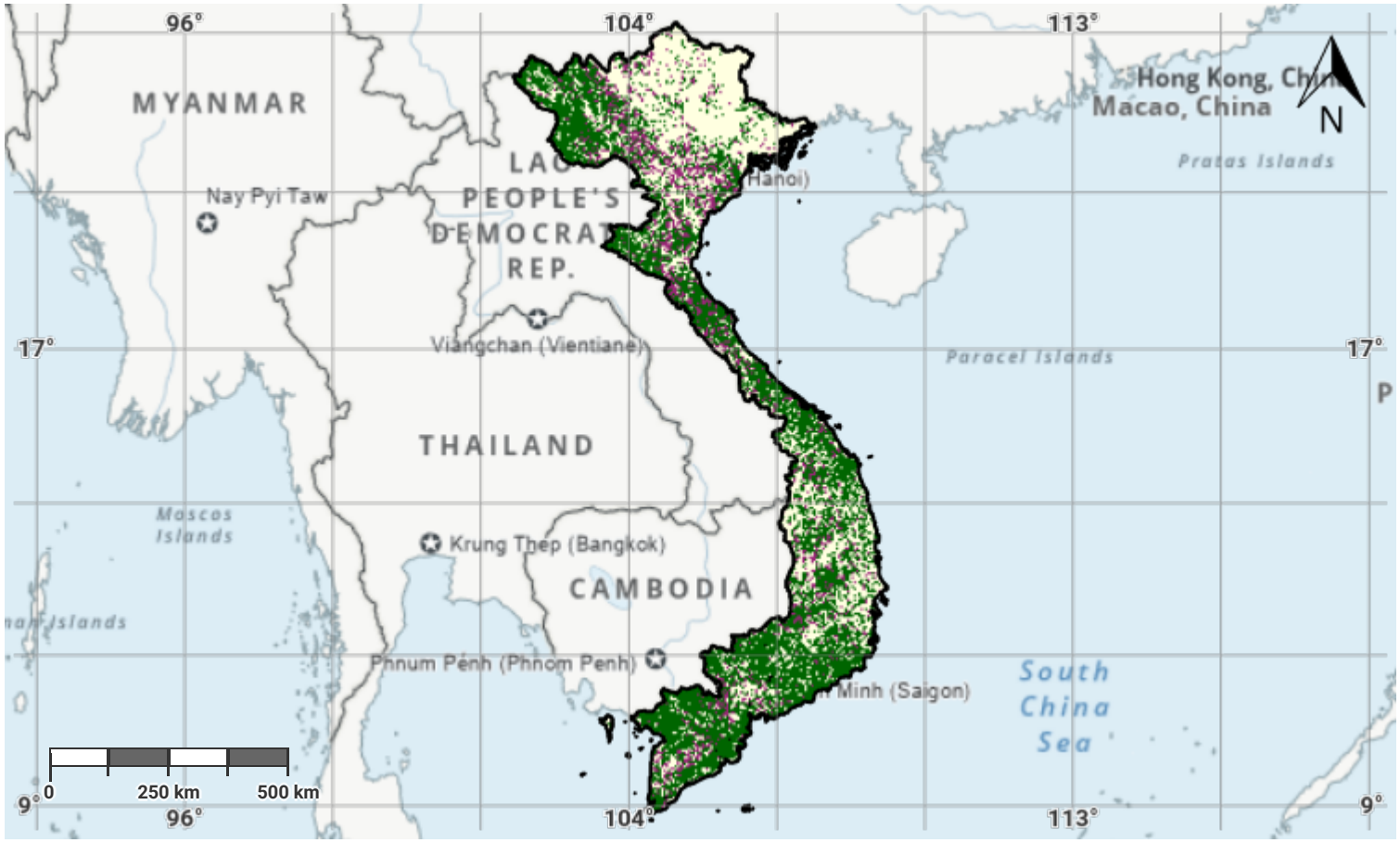
The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- EC-JRC, 2021, based on Xavier Rotllan-Puig, Eva Ivits, Michael Cherlet, LPDynR: A new tool to calculate the land productivity dynamics indicator, Ecological Indicators, Volume 133, 2021, 108386, ISSN 1470-160X. URL: https://doi.org/10.1016/j.ecolind.2021.108386

Viet Nam – SO1-2.M4

Land productivity degradation in the reporting period



Projection: EPSG:3857 (Web Mercator)

Disclaimer

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- EC-JRC, 2021, based on Xavier Rotllan-Puig, Eva Ivits, Michael Cherlet, LPDynR: A new tool to calculate the land productivity dynamics indicator, Ecological Indicators, Volume 133, 2021, 108386, ISSN 1470-160X. URL: https://doi.org/10.1016/j.ecolind.2021.108386

Viet Nam – SO1-3.M1

Soil organic carbon stock in the initial year of the baseline period

Legend

- No data
- 0 - 90.5 t/ha
- 90.5 - 181.0 t/ha
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- International Soil Reference and Information Centre (ISRIC) SoilGrids250m dataset. URL: https://www.isric.org/explore/soilgrids

Viet Nam – SO1-3.M2

Soil organic carbon stock in the baseline year

Legend

- No data
- 0 - 90.5 t/ha
- 90.5 - 181.0 t/ha
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- International Soil Reference and Information Centre (ISRIC) SoilGrids250m dataset. URL: https://www.isric.org/explore/soilgrids

Viet Nam – SO1-3.M3

Soil organic carbon stock in the latest reporting year

Legend

- No data
- 0 - 90.5 t/ha
- 90.5 - 181.0 t/ha
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- International Soil Reference and Information Centre (ISRIC) SoilGrids250m dataset. URL: https://www.isric.org/explore/soilgrids

Viet Nam – SO1-3.M4

Change in soil organic carbon stock in the baseline period

Legend

- No data
- -15.0 - 0 t/ha
- 0 - 15.0 t/ha
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- International Soil Reference and Information Centre (ISRIC) SoilGrids250m dataset. URL: https://www.isric.org/explore/soilgrids

Viet Nam – SO1-3.M5

Change in soil organic carbon stock in the reporting period

Legend

- No data
- -5.0 - 0 t/ha
- 0 - 5.0 t/ha
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- International Soil Reference and Information Centre (ISRIC) SoilGrids250m dataset. URL: https://www.isric.org/explore/soilgrids

Viet Nam – SO1-3.M6

Soil organic carbon degradation in the baseline period

Legend

- No data
- Degradation
- Not degraded
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- International Soil Reference and Information Centre (ISRIC) SoilGrids250m dataset. URL: https://www.isric.org/explore/soilgrids

Viet Nam – SO1-3.M7

Soil organic carbon degradation in the reporting period

Legend

- No data
- Degradation
- Stable
- Improvement
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

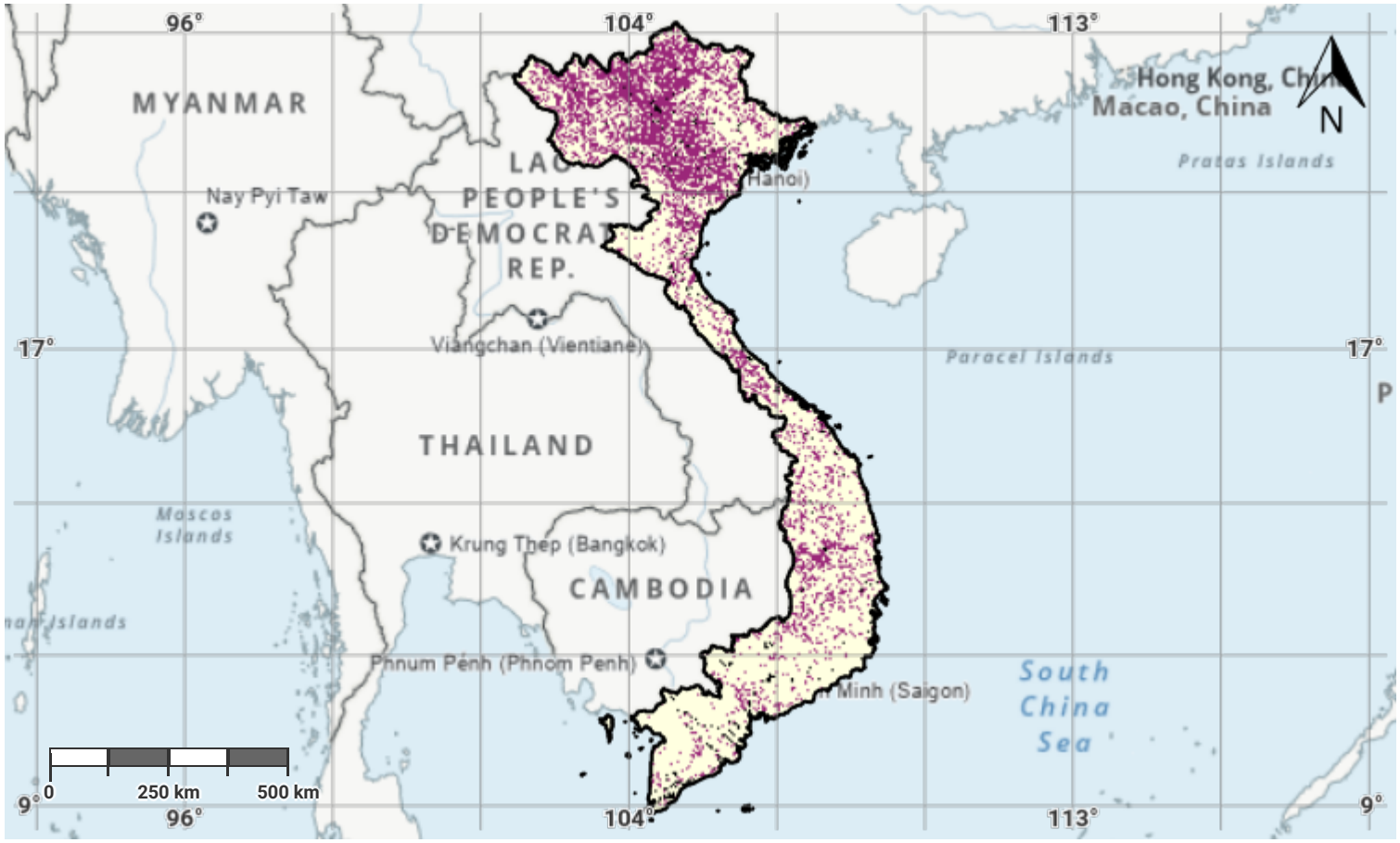
The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- International Soil Reference and Information Centre (ISRIC) SoilGrids250m dataset. URL: https://www.isric.org/explore/soilgrids

Viet Nam – SO1-4.M1

Proportion of land that is degraded over total land area (SDG Indicator 15.3.1) in the baseline period



Projection: EPSG:3857 (Web Mercator)

Disclaimer

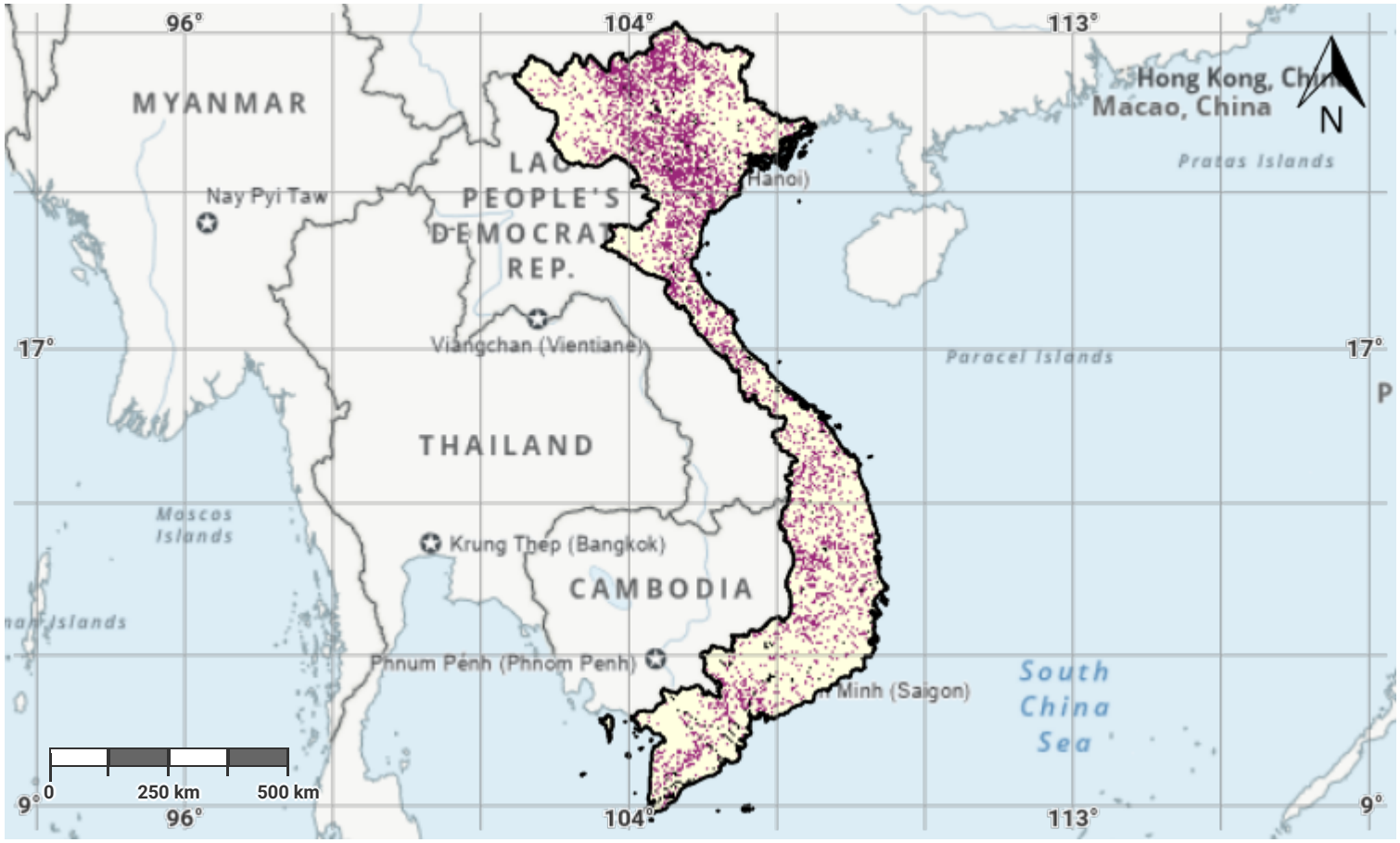
The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- Derived based on the methodology in the Good Practice Guidance Version 2 for Sustainable Development Goal (SDG) indicator 15.3.1 - Proportion of land that is degraded over total land area. URL: https://www.unccd.int/publications/good-practice-guidance-sdg-indicator-1531-proportion-land-degraded-over-total-land

Viet Nam – SO1-4.M2

Proportion of land that is degraded over total land area (SDG Indicator 15.3.1) in the reporting period



Legend

- No data
- Degradation
- Not degraded
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

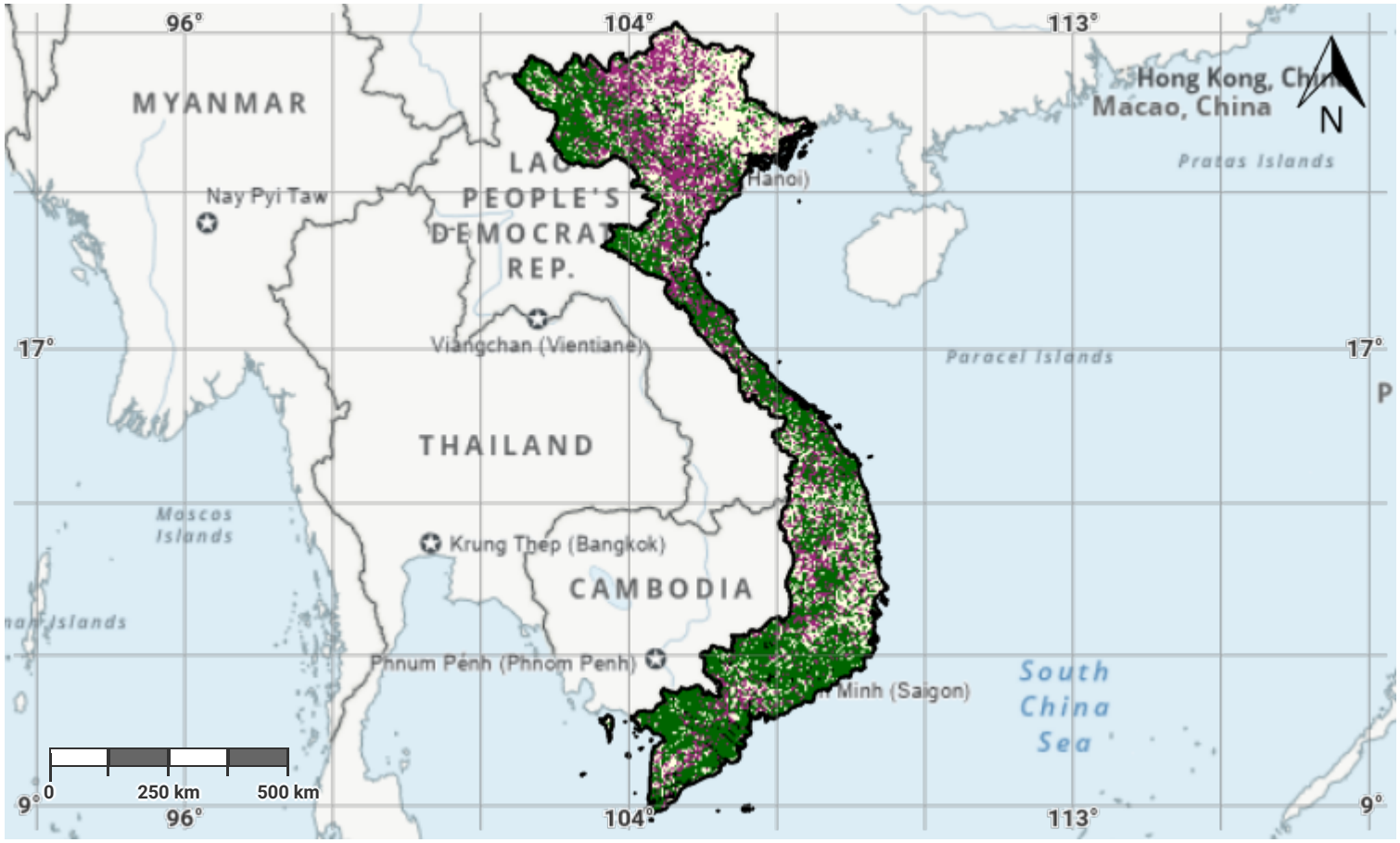
The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- Derived based on the methodology in the Good Practice Guidance Version 2 for Sustainable Development Goal (SDG) indicator 15.3.1 - Proportion of land that is degraded over total land area. URL: https://www.unccd.int/publications/good-practice-guidance-sdg-indicator-1531-proportion-land-degraded-over-total-land

Viet Nam – SO1-4.M3

Progress towards Land Degradation Neutrality (LDN) in the reporting period



Legend

- No data
- Degradation
- Stable
- Improvement
- International Boundary

Projection: EPSG:3857 (Web Mercator)

Disclaimer

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- Derived based on the methodology in the Good Practice Guidance Version 2 for Sustainable Development Goal (SDG) indicator 15.3.1 - Proportion of land that is degraded over total land area. URL: https://www.unccd.int/publications/good-practice-guidance-sdg-indicator-1531-proportion-land-degraded-over-total-land