



Convention on  
Biological Diversity



# Aichi Biodiversity Target 11 Country Dossier: ZIMBABWE

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# TABLE OF CONTENTS

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<b>GLOSSARY</b> .....	<b>3</b>
<b>EXECUTIVE SUMMARY</b> .....	<b>5</b>
<i>Aichi Biodiversity Target 11 Elements: Current status and opportunities for action</i> .....	5
<b>INTRODUCTION</b> .....	<b>8</b>
<b>SECTION I: CURRENT STATUS</b> .....	<b>10</b>
<i>COVERAGE</i> .....	11
<i>ECOLOGICAL REPRESENTATIVENESS</i> .....	13
<i>AREAS IMPORTANT FOR BIODIVERSITY</i> .....	15
<i>AREAS IMPORTANT FOR ECOSYSTEM SERVICES</i> .....	18
<i>CONNECTIVITY &amp; INTEGRATION</i> .....	21
<i>GOVERNANCE DIVERSITY</i> .....	22
<i>PROTECTED AREA MANAGEMENT EFFECTIVENESS</i> .....	24
<b>SECTION II: EXISTING PROTECTED AREA AND OECM COMMITMENTS</b> .....	<b>26</b>
<i>PRIORITY ACTIONS FROM 2015-2016 REGIONAL WORKSHOPS</i> .....	26
<i>NATIONAL BIODIVERSITY STRATEGY AND ACTION PLANS (NBSAPs)</i> .....	27
<i>APPROVED GEF-5 &amp; GEF-6 PROTECTED AREA PROJECTS</i> .....	28
<i>OTHER ACTIONS/COMMITMENTS</i> .....	29
<b>ANNEX I</b> .....	<b>30</b>
<i>FULL LIST OF ECOREGIONS</i> .....	30
<b>REFERENCES</b> .....	<b>31</b>



## GLOSSARY

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AZEs	Alliance for Zero Extinction sites
CEPF	Critical Ecosystem Partnership Fund
EBSA	Ecologically or Biologically Significant Marine Area
EEZ	Exclusive Economic Zone
GCF	Green Climate Fund
GD-PAME	Global Database on Protected Area Management Effectiveness
GEF	Global Environment Facility
IBA	Important Bird and Biodiversity Area
ICCAs	Indigenous and Community Conserved Area Area (may also be referred to as territories and areas conserved by Indigenous peoples and local communities or “territories of life”)
IPLC	Indigenous Peoples and Local Communities
KBA	Key Biodiversity Area
MEOW	Marine Ecosystems of the World
MPA	Marine Protected Area
NBSAP	National Biodiversity Strategy and Action Plan
OECD	Other Effective Area-Based Conservation Measures
PA	Protected Area
PAME	Protected Area Management Effectiveness
PPA	Privately Protected Area
PPOW	Pelagic Provinces of the World
ProtConn	Protected Connected land indicator
SOC	Soil Organic Carbon
TEOW	Terrestrial Ecosystems of the World
WDPA	World Database on Protected Areas
WD-OECD	World Database on Other Effective Area-Based Conservation Measures



## 4 | Aichi Biodiversity Target 11 Country Dossier: ZIMBABWE

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This country dossier is compiled by the UNDP and SCBD from publicly available information. It is prepared, within the overall work of the Global Partnership on Aichi Biodiversity Target 11, for the purpose of attracting the attention of the Party concerned and other national stakeholders to facilitate the verification, correcting, and updating of country data. The statistics might differ from those reported officially by the country due to differences in methodologies and datasets used to assess protected area coverage and differences in the base maps used to measure terrestrial and marine area of a country or territory. Furthermore, the suggestions from the UNDP and SCBD are based on analyses of global datasets, which may not necessarily be representative of national policy or criteria used at the national level. The analyses are also subject to the limits inherent in global indicators (precision, reliability, underlying assumptions, etc.). Therefore, they provide useful information but cannot replace analyses at a national level nor constitute a future benchmark for national policy or decision-making.

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## EXECUTIVE SUMMARY

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This document provides information on the coverage of protected areas (PAs) and other effective area-based conservation measures (OECMs), as currently reported in global databases (the World Database on Protected Areas ([WDPA](#)) and World Database on Other Effective Area-Based Conservation Measures ([WD-OECM](#))). It also includes details on the status of the other qualifying elements of Aichi Biodiversity Target 11 based on this data. These statistics might differ from those reported officially by countries due to difference in methodologies and datasets used to assess protected area coverage, differences in the base maps used to measure terrestrial and marine area of a country or territory, or if global datasets differ from the criteria and indicators used at the national level. This dossier also provides a summary of commitments made under Aichi Biodiversity Target 11, and a summary of potential opportunities regarding elements of the target for future planning.

The dossier has been developed in consultation with the UN Environment Programme World Conservation Monitoring Centre (UNEP-WCMC), which manages the WDPA, WD-OECM and Global Database on Protected Area Management Effectiveness ([GD-PAME](#)). Parties to the CBD are requested to contact [protectedareas@unep-wcmc.org](mailto:protectedareas@unep-wcmc.org) with any updates to the information in these databases.

### Aichi Biodiversity Target 11 Elements: Current status and opportunities for action

#### Coverage

- **Status:** as of May 2021, terrestrial coverage in Zimbabwe is 106,837.8 km<sup>2</sup> (27.2%).
- **Opportunities for action:** opportunities for the near-term include updating the WDPA with any unreported PAs, and the recognizing and reporting OECMs to the WD-OECM. In the future, focus on relatively intact areas, while addressing the elements in the following sections, could be considered if planning new PAs or OECMs.

#### Ecological Representativeness

- **Status:** Zimbabwe contains 8 terrestrial ecoregions: the mean protected coverage by reported PAs and OECMs is 46.7% (terrestrial); all terrestrial ecoregions have at least partial coverage from reported PAs and OECMs.
- **Opportunities for action:** there is opportunity for Zimbabwe to increase protection in terrestrial ecoregions that have lower levels of coverage by PAs or OECMs, and to focus on effective management for those that already have higher coverage.

#### Areas Important for Biodiversity

- **Status:** Zimbabwe has 19 Key Biodiversity Areas (KBAs): the mean protected coverage of KBAs by reported PAs and OECMs is 81.5%, while 2 KBAs have no coverage by reported PAs and OECMs.



## 6 | Aichi Biodiversity Target 11 Country Dossier: ZIMBABWE

- **Opportunities for action:** there is opportunity for Zimbabwe to increase protection of KBAs that have lower levels of coverage by PAs and OECMs; priority could be given to those with no current coverage.

### Areas Important for Ecosystem Services

- **Status:** coverage of areas important for ecosystem services: In Zimbabwe, 29.7% of aboveground biomass carbon, 33.5% of belowground biomass carbon and 24.3% of soil organic carbon is covered by PAs and OECMs.
- **Opportunities for action:** for carbon, there is opportunity for Zimbabwe to increase PA and OECM coverage in terrestrial areas with high carbon stocks. Protecting areas with high carbon stocks secures the benefits of carbon sequestration in the area.
- For water, there is opportunity to increase the area of the water catchment under protection by PAs and OECMs, or in cases where there is high levels of protection, focus on effective management for these areas. Protecting the current area of forested land and potentially reforesting would have benefits for improving water security.

### Connectivity and Integration

- **Status:** coverage of protected-connected lands is 19.7%.
- **Opportunities for action:** there is opportunity to focus on PA and OECM management for enhancing and maintaining connectivity. Improving connectivity increases the effectiveness of PAs and OECMs and reduces the impacts of fragmentation.
- As well, a range of suggested steps for enhancing and supporting integration are included in the voluntary guidance on the integration of PAs and OECMs into the wider land- and seascapes and mainstreaming across sectors to contribute, inter alia, to the SDGs (Annex I of COP Decision 14/8).

### Governance Diversity

- **Status:** governance type is not reported for any of the sites in Zimbabwe reported in the WDPA.
- **Opportunities for action:** increase efforts to identify the governance types for the 100.0% of sites that do not have their governance type reported. If applicable, explore opportunities for governance types that have lower representation
- There is also opportunity for Zimbabwe to complete governance and equity assessments, to establish baselines and identify relevant actions for improvement. As well, a range of suggested actions are included in the voluntary guidance on effective governance models for management of protected areas, including equity (Annex II of COP Decision 14/8).



### Protected Area Management Effectiveness

- **Status:** 22.8% of terrestrial PAs have completed Protected Area Management Effectiveness (PAME) assessments reported.
- **Opportunities for action:** the 60% target for completed management effectiveness assessments (per COP Decision X/31) **has not** been met for terrestrial PAs therefore, there is opportunity to increase protected area management effectiveness (PAME) evaluations for terrestrial PAs to achieve the target.
- There is also opportunity to implement the results of completed PAME evaluations, to improve the quality of management for existing PAs and OECMs (e.g. through adaptive management and information sharing, increasing the number of sites reporting 'sound management') and to increase reporting of biodiversity outcomes in PAs and OECMs.



## INTRODUCTION

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The Strategic Plan for Biodiversity 2011-2020 was adopted at the tenth meeting of the Conference of the Parties (COP) to the Convention on Biological Diversity (CBD) held in Nagoya, Aichi Prefecture, Japan from 18-29 October 2010. The vision of the Strategic Plan is one of “Living in harmony with nature” where *“By 2050, biodiversity is valued, conserved, restored and wisely used, maintaining ecosystem services, sustaining a healthy planet and delivering benefits essential for all people”* (CBD, 2010). In addition to this vision, the Strategic Plan is composed of 20 targets, under five strategic goals. Aichi Biodiversity Target 11 states that *“By 2020, at least 17 per cent of terrestrial and inland water, and 10 per cent of coastal and marine areas, especially areas of particular importance for biodiversity and ecosystem services, are conserved through effectively and equitably managed, ecologically representative and well-connected systems of protected areas and other effective area-based conservation measures, and integrated into the wider landscapes and seascapes.”*

With the conclusion of the Aichi Biodiversity Targets in 2020, Target 11 on area-based conservation has seen success in the expansion of the global network of protected areas (PA) and other effective area-based conservation measures (OECMs). The negotiation of the post-2020 Global Biodiversity Framework (GBF) and its future targets provide an essential opportunity to further improve the coverage of PAs and OECMs, to improve other aspects of area-based conservation, to accelerate progress on biodiversity conservation more broadly, while also addressing climate change, and the Sustainable Development Goals. This next set of global biodiversity targets are to be adopted at the fifteenth meeting of the Conference of the Parties to the Convention on Biological Diversity. These new targets must aim to build upon lessons learned from the last decade of progress to deliver transformative change for the benefit of nature and people, to realize the 2050 Vision for biodiversity.

The United Nations Development Programme (UNDP) and the Secretariat of the Convention on Biological Diversity have developed the Aichi Biodiversity Target 11 Country Dossiers, which provide countries with an overview of the status of Target 11 elements, opportunities for action, and a summary of commitments made by Parties over the last decade. Each dossier can support countries in assessing their progress on key elements of Aichi Biodiversity Target 11 and identifying opportunities to prioritize new protected areas and OECMs.

This dossier provides an overview of area-based conservation in Zimbabwe. Section I of the dossier presents data on the current status of Zimbabwe’s PAs and OECMs. The data presented in Section I relates to each element of Target 11. Section I also presents the PA and OECM coverage for two critical ecosystem services: water security and carbon stocks. In addition, the dossier offers and presents opportunities for action for Zimbabwe, in relation to each Target 11 element. The analyses present options for improving Zimbabwe’s area-based conservation network to achieve enhanced protection and benefits for livelihoods and climate change. Section II presents details on Zimbabwe’s existing PA and OECM commitments as a summary of existing efforts towards achieving Target 11. This gives focus not only to national policy and actions but also voluntary commitments to





## 9 | Aichi Biodiversity Target 11 Country Dossier: ZIMBABWE

the UN. Furthermore, where data is available, this dossier provides information on potential OECMs, Indigenous and Community Conserved Areas (ICCAs; also often referred to as territories and areas conserved by Indigenous peoples and local communities or “territories of life”) and Privately Protected Areas (PPAs) and the potential contribution they will have in achieving the post-2020 targets.

The information on PAs and OECMs presented here is derived from the World Database on Protected Areas (WDPA) and World Database on Other Effective Area-Based Conservation Measures (WD-OECM). These databases are joint products of UNEP and IUCN, managed by UNEP-WCMC, and can be viewed and downloaded at [www.protectedplanet.net](http://www.protectedplanet.net). Parties are encouraged to provide data on their PAs and OECMs to UNEP-WCMC for incorporation into the databases (see e.g. Decisions 10/31 and 14/8). The significant efforts of Parties in updating their data in the build up to the publication of the Protected Planet Report 2020 (UNEP-WCMC and IUCN, 2021) were greatly appreciated. UNEP-WCMC welcomes further updates, following the data standards described [here](#), and these should be directed to [protectedareas@unep-wcmc.org](mailto:protectedareas@unep-wcmc.org). The statistics presented in this dossier are derived from the May 2021 WDPA and WD-OECM releases, unless explicitly stated otherwise. Readers should consult [www.protectedplanet.net](http://www.protectedplanet.net) for the latest coverage statistics (updated monthly).

Some data from the WDPA and WD-OECM are not made publicly available at the request of the data-provider. This affects some statistics, maps, and figures presented in this dossier. Statistics provided by UNEP-WCMC are based upon the full dataset, including restricted data. All other statistics, maps, and figures are based upon the subset of the data that is publicly available.

Where data is less readily available, such as for potential OECMs, ICCAs and PPAs, data has also been compiled from published reports and scientific literature to provide greater awareness of these less commonly recorded aspects. These data are provided to highlight the need for comprehensive reporting on these areas to the WDPA and/or WD-OECM. Parties are invited to work with indigenous peoples, local communities and private actors to submit data under the governance of these actors, with their consent, to the WDPA and/or WD-OECM.

Overall, PAs and OECMs are essential instruments for biodiversity conservation and to sustain essential ecosystem services that support human well-being and sustainable development, including food, medicine, and water security, as well as climate change mitigation and adaptation and disaster risk reduction. The data in this dossier, therefore, aims to celebrate the current contributions of PAs and OECMs, whilst the gaps presented hope to encourage greater progress, not just for the benefit of biodiversity and the post-2020 GBF, but also to recognize the essential role of PAs and OECMs to the Sustainable Development Goals and for addressing the climate crisis.



## SECTION I: CURRENT STATUS

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Aichi Biodiversity Target 11 refers to both protected areas (PAs) and other effective area-based conservation measures (OECMs). This section provides the current status for all elements of Aichi Biodiversity Target 11 where indicators with global data are available. Statistics for all elements are presented using data on both PAs and OECMs (where this data is available and reported in global databases like the WDPA and WD-OECM). It is recognized that statistics reported in the WPDA and WD-OECM might differ from those reported officially by countries due to differences in methodologies and datasets used to assess protected area coverage and differences in the base maps used to measure terrestrial and marine area of a country or territory. Details on UNEP-WCMC's methods for calculating PA and OECM coverage area available [here](#). The global indicators adopted here for presenting the status of other elements of Target 11 may also differ from those in use nationally.



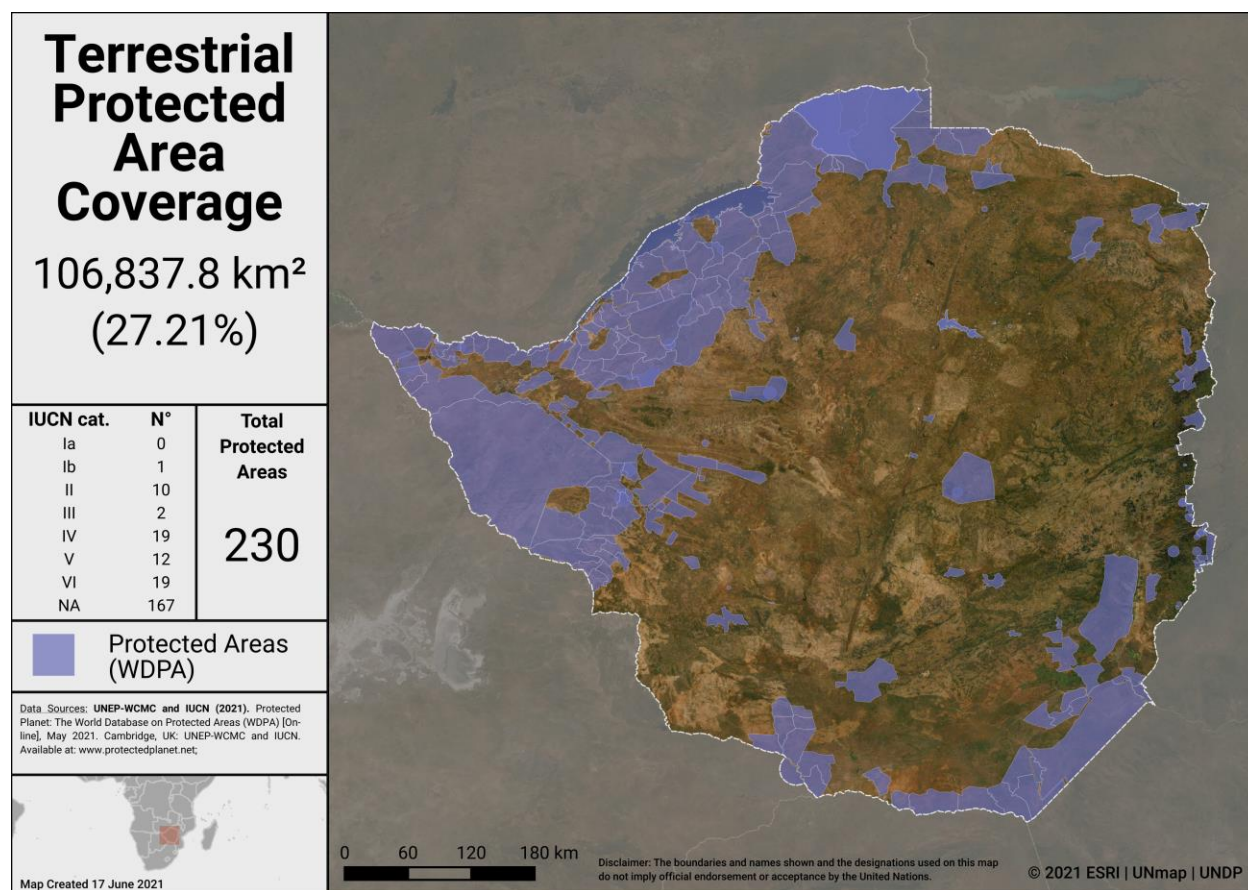
## COVERAGE

As of May 2021, Zimbabwe has **231** protected areas reported in the World Database on Protected Areas (WDPA). 1 UNESCO-MAB Biosphere Reserve is not included in the following statistics (see details on UNWP-WCMCs methods for calculating PA and OECM coverage [here](#)).

As of May 2021, Zimbabwe has **0** OECMs reported in the world database on OECMs (WD-OECM).

Current coverage for Zimbabwe:

- 27.2% terrestrial (230 protected areas, 106,837.8 km<sup>2</sup>)



Terrestrial Protected Areas in Zimbabwe

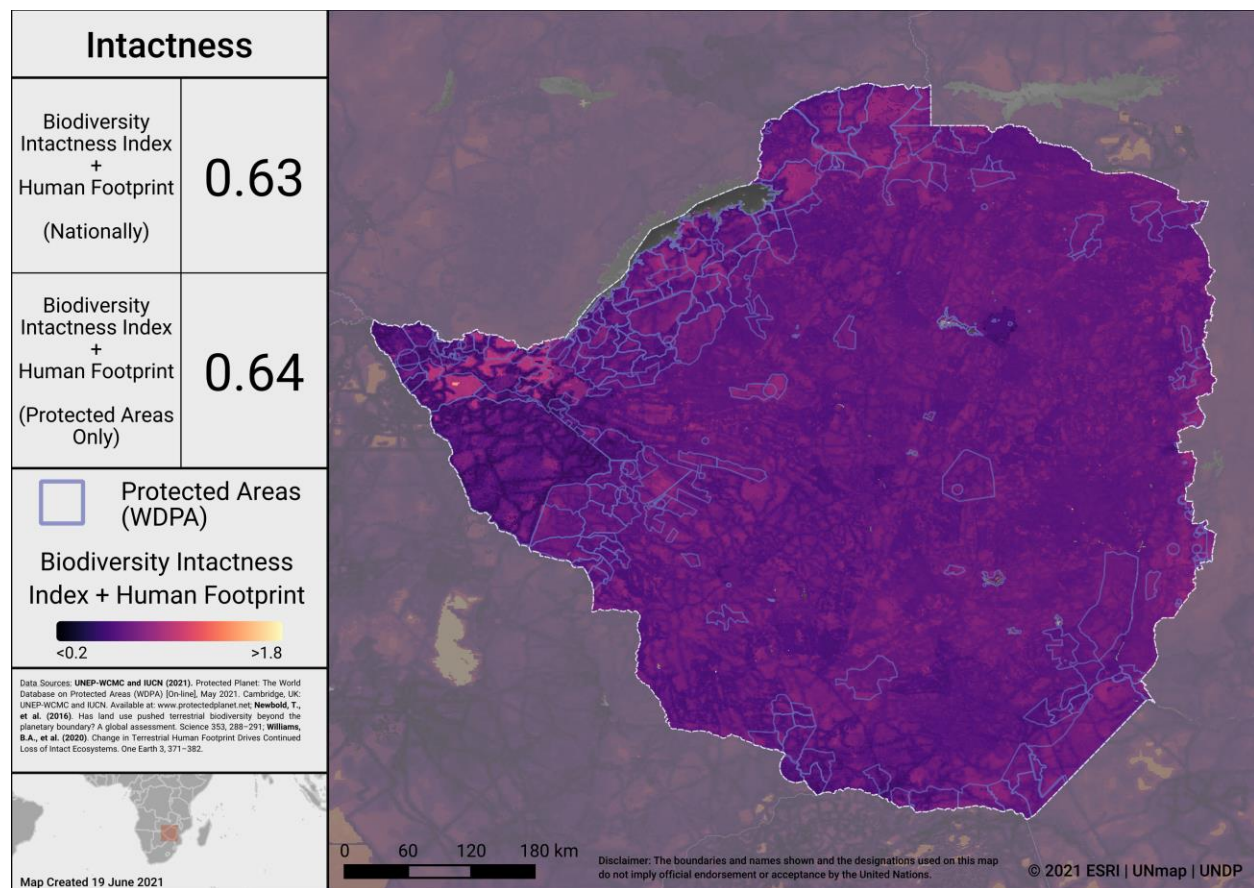
### Potential OECMs

There are currently no potential OECM examples available for Zimbabwe.

## 12 | Aichi Biodiversity Target 11 Country Dossier: ZIMBABWE

### Opportunities for action

Opportunities for the near-term include updating the WDPA with any unreported PAs, and the recognizing and reporting OECMs to the WD-OECM. In the future, as Zimbabwe considers where to add new PAs and OECMs, the map below identifies areas in Zimbabwe where intact areas are not currently protected. Focus on relatively intact areas, while addressing the elements in the following sections, could be considered when planning new PAs or OECMs.



Intactness in Zimbabwe

To explore more on intactness visit the UN Biodiversity Lab: [map.unbiodiversitylab.org](http://map.unbiodiversitylab.org).

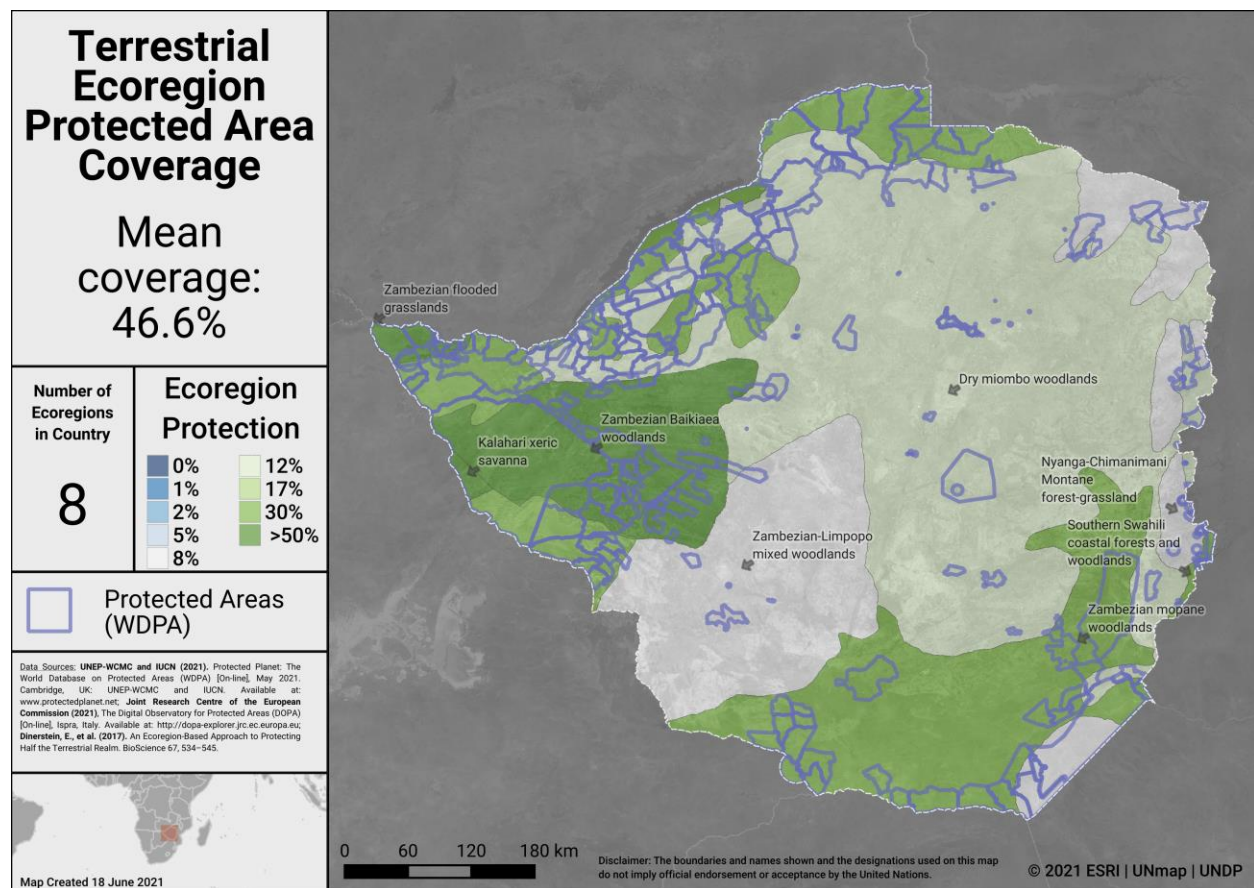
## ECOLOGICAL REPRESENTATIVENESS

Ecological representativeness is assessed based on the PAs and OECMs coverage of broad-scale biogeographic units. Globally, ecoregions have been described for terrestrial areas (Dinerstein et al, 2017), marine coastal and shelf ecosystems (to a depth of 200m; Spalding et al 2007) and surface pelagic waters (Spalding et al 2012).

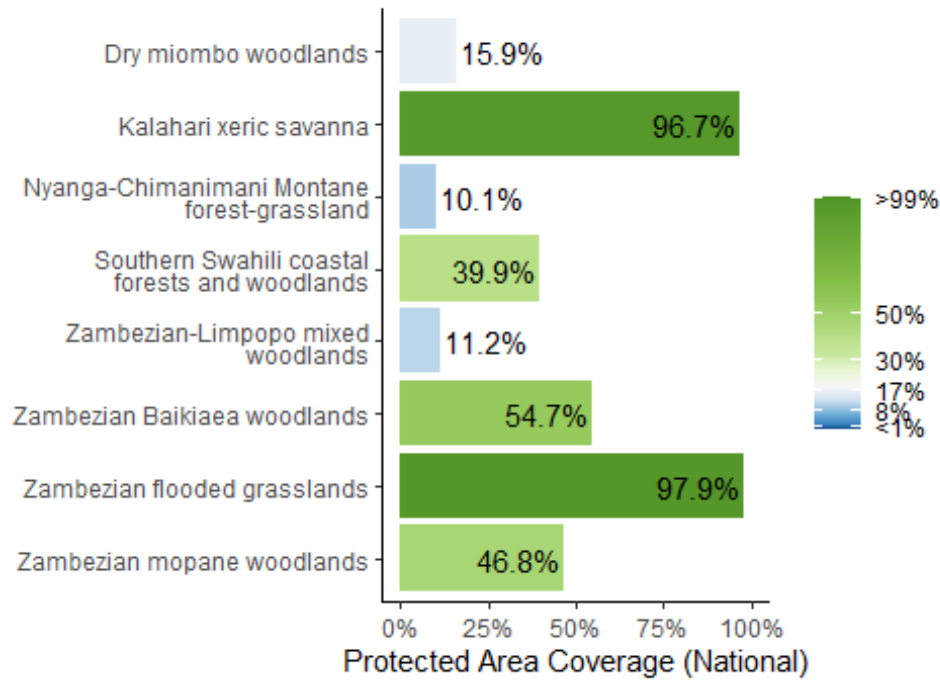
Zimbabwe has 8 **terrestrial** ecoregions. Out of these:

- All 8 ecoregions have at least some coverage from PAs and OECMs.
- 5 ecoregions have at least 17% protected within the country.
- The average terrestrial coverage of ecoregions is 46.7%.

A full list of ecoregions in Zimbabwe is available in Annex I.



Terrestrial ecoregions in Zimbabwe



Terrestrial ecoregions of the World (TEOW) in Zimbabwe

### Opportunities for action

There is opportunity for Zimbabwe to increase protection in terrestrial ecoregions that have lower levels of coverage by PAs or OECMs; and focus on effective management for ecoregions that already have higher coverage.



## AREAS IMPORTANT FOR BIODIVERSITY

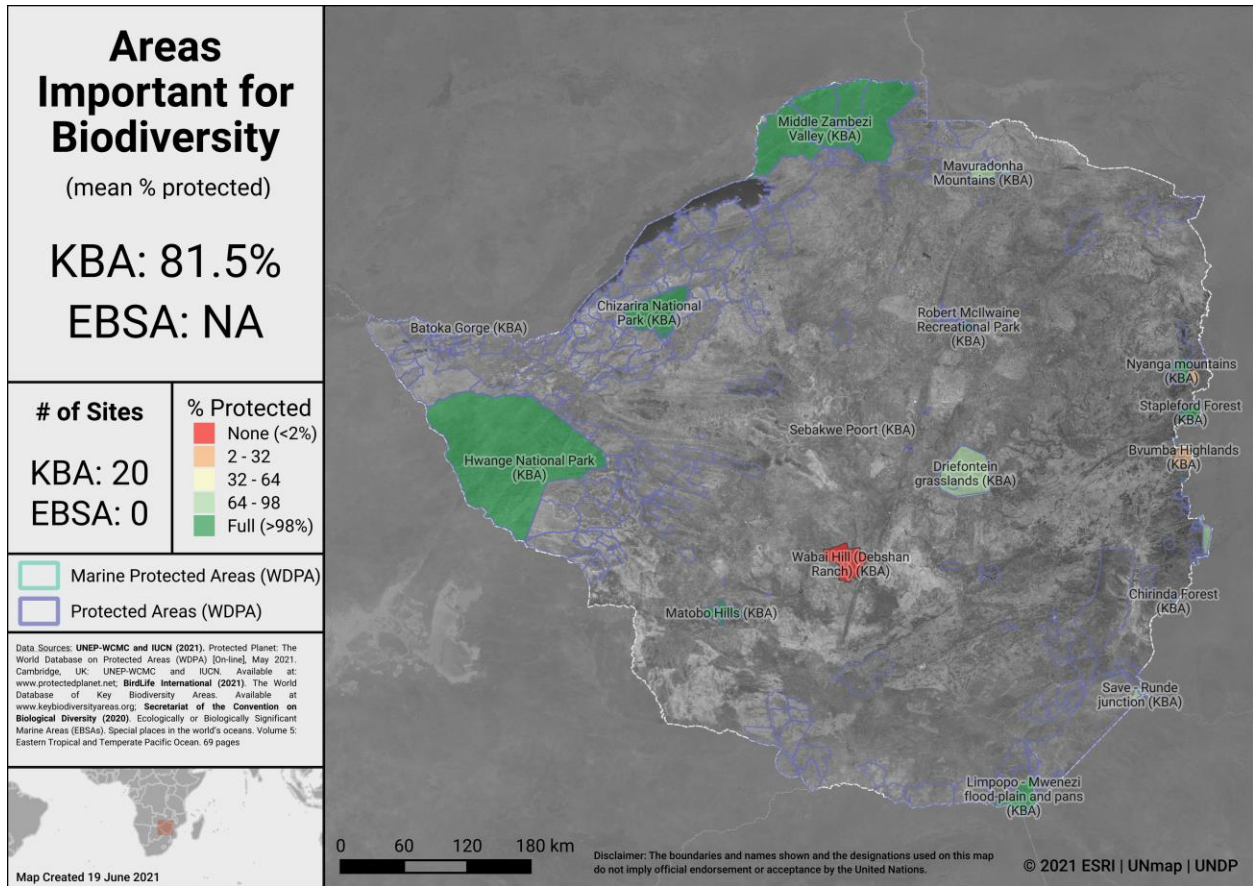
### Key Biodiversity Areas (KBAs)

Protected area and OECM coverage of Key Biodiversity Areas (KBAs) provide one proxy for assessing the conservation of areas important for biodiversity at national, regional and global scales. KBAs are sites that make significant contributions to the global persistence of biodiversity (IUCN, 2016). The KBA concept builds on four decades of efforts to identify important sites for biodiversity, including Important Bird and Biodiversity Areas, Alliance for Zero Extinction sites, and KBAs identified through Hotspot ecosystem profiles supported by the Critical Ecosystem Partnership Fund. Incorporating these sites, the dataset of internationally significant KBAs includes Global KBAs (sites shown to meet one or more of 11 criteria in the Global Standard for the Identification of KBAs, clustered into five categories: threatened biodiversity; geographically restricted biodiversity; ecological integrity; biological processes; and irreplaceability), Regional KBAs (sites identified using pre-existing criteria and thresholds, that do not meet the Global KBA criteria based on existing information), and KBAs whose Global/Regional status is Not yet determined, but which will be assessed against the global KBA criteria within 8-12 years. Regional KBAs are often of critical international policy relevance (e.g., in EU legislation and under the Ramsar Convention on Wetlands), and many are likely to qualify as Global KBAs in future once assessed for their biodiversity importance for other taxonomic groups and ecosystems. To date, nearly 16,000 KBAs have identified globally, and information on each of these is presented in the World Database of Key Biodiversity Areas: [www.keybiodiversityareas.org](http://www.keybiodiversityareas.org).

Zimbabwe has **20** Key Biodiversity Areas (KBAs) [only **19** included in analysis].

- Mean percent coverage of all KBAs by PAs and OECMs in Zimbabwe is **81.5%**.
- **11** KBAs have full (>98%) coverage by PAs and OECMs.
- **6** KBAs have partial coverage by PAs and OECMs.
- **2** KBAs have no (<2%) coverage by PAs and OECMs.
- *1 KBA lacks spatial data to allow PA and OECM coverage to be determined*

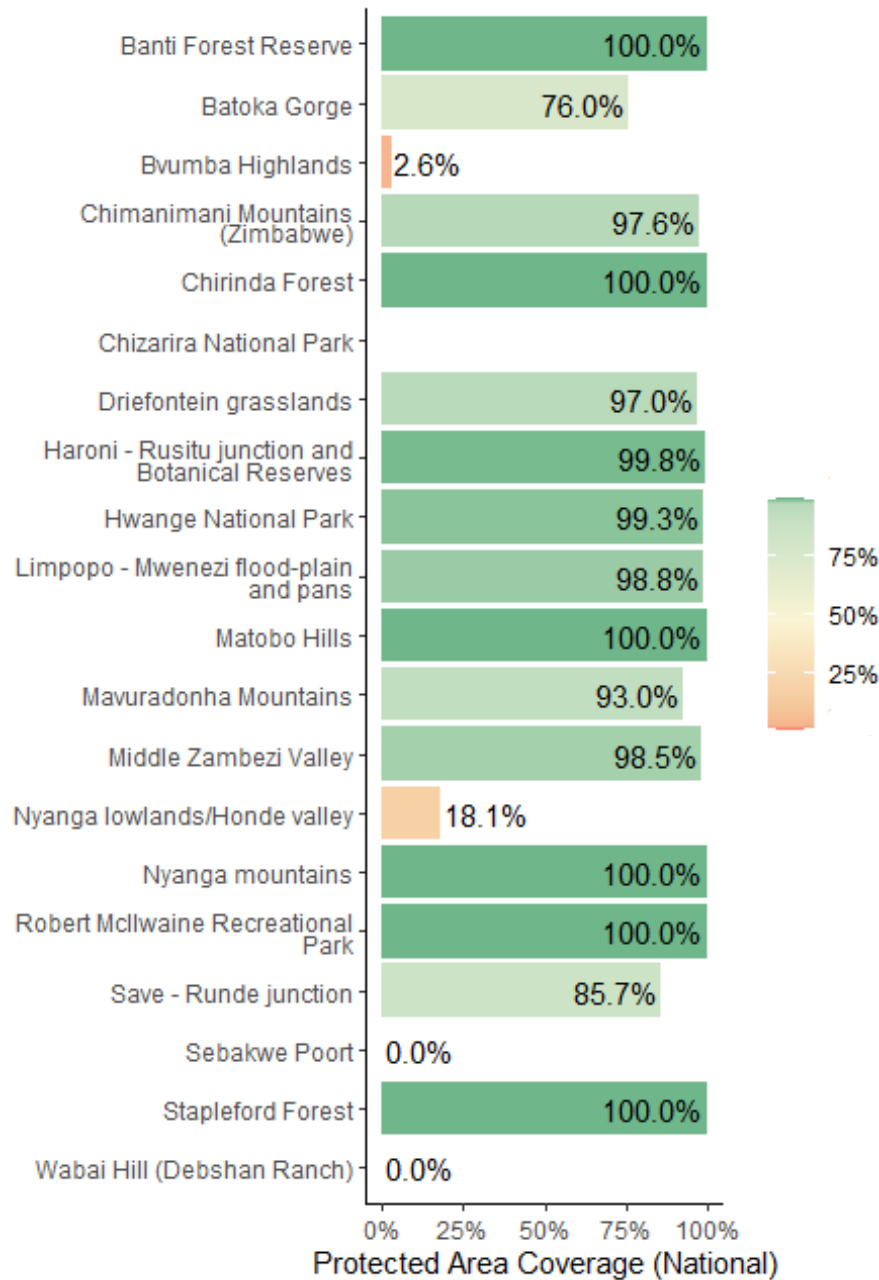




Areas Important for Biodiversity in Zimbabwe







Key Biodiversity Area Coverage (KBA) in Zimbabwe

### Opportunities for action

There is opportunity for Zimbabwe to increase protection of KBAs that have lower levels of coverage by PAs and OECMs; priority could be given to those with no current coverage.



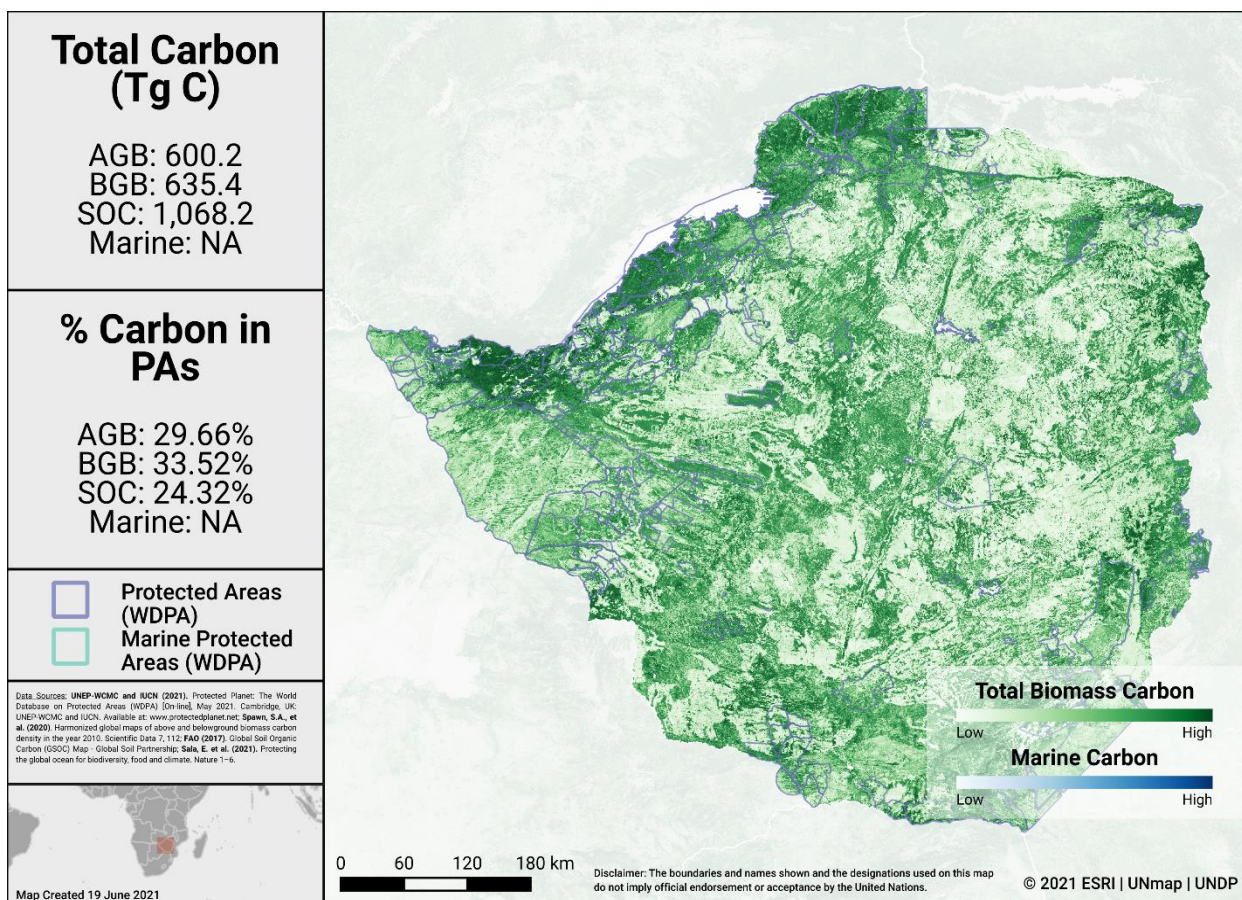
## AREAS IMPORTANT FOR ECOSYSTEM SERVICES

There is no single indicator identified for assessing the conservation of areas important for ecosystem services. For simplicity, two services with available global datasets are assessed here (carbon and water). In future, other critical ecosystem services could be explored.

### Carbon

Data for biomass carbon comes from temporally consistent and harmonized global maps of aboveground biomass and belowground biomass carbon density (at a 300-m spatial resolution); the maps integrate land-cover specific, remotely sensed data, and land-cover specific empirical models (see Spawn et al., 2020 for details on methodology). The Global Soil Organic Carbon Map present an estimation of SOC stock from 0 to 30 cm (see FAO, 2017 for further details on methodology).

The map below presents the total carbon stocks in Zimbabwe and the percent of carbon in protected areas. The total carbon stocks is 600.2 Tg C from aboveground biomass (AGB), with 29.7% in PAs; 635.4 Tg C from below ground biomass (BGB), with 33.5% in PAs; 1,068.2 Tg C from soil organic carbon (SOC), with 24.3% in PAs.



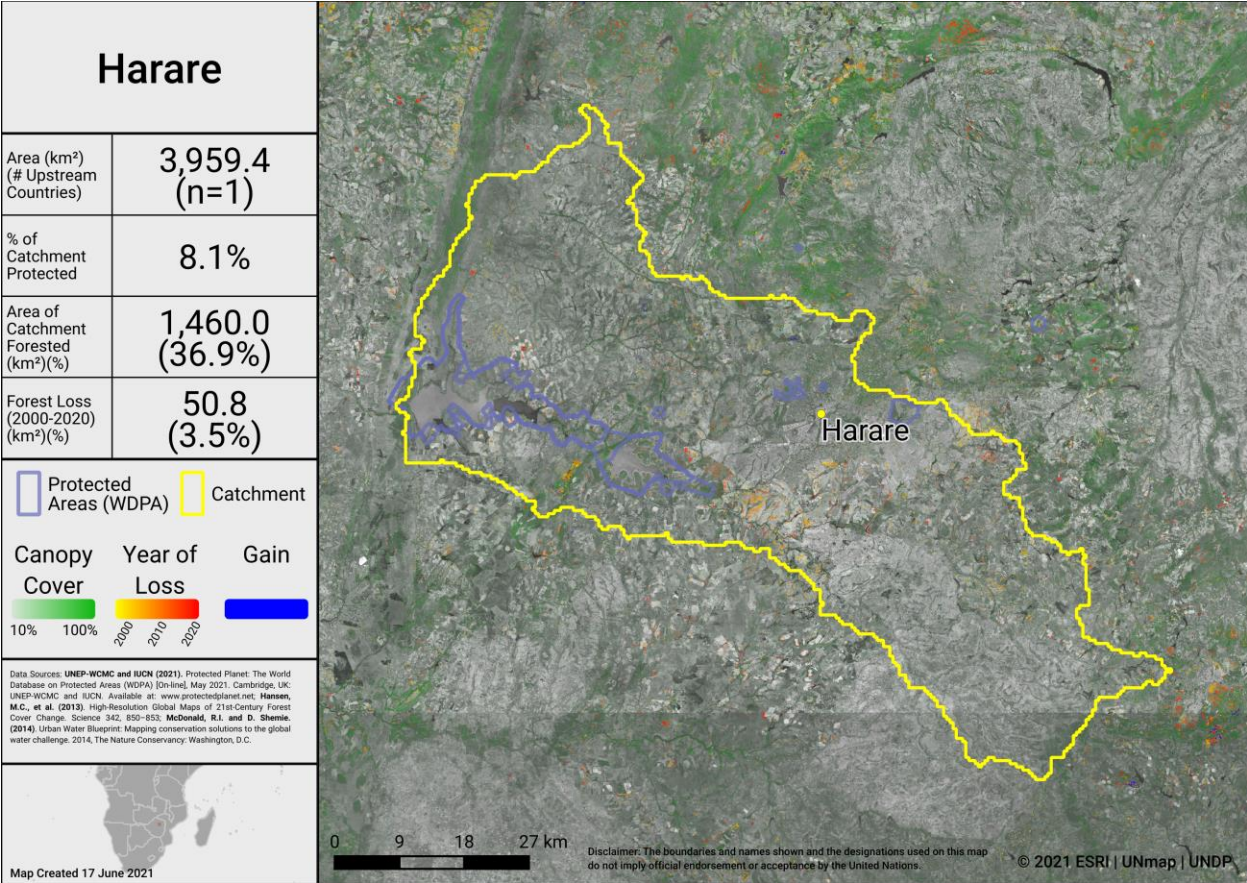
Carbon Stocks in Zimbabwe

**Water**

Information on the water sources for 534 cities is available via the City Water Map (CWM) and provides details on the catchment area of the watershed that supplies these cities (see McDonald et al., 2014 for details on methodology).

Forests and intact ecosystems support stormwater management and clean water availability, especially for large urban populations. Research that has examined the role of forests for city drinking water supplies shows that of the world’s 105 largest cities, more than 30% (33 cities) rely heavily on the local protected forests, which provide ecosystem services that underpin local drinking water availability and quality (Dudley & Stolton, 2003).

Drinking water supplies for cities in Zimbabwe may similarly depend on protected forest areas within and around water catchments. The map below shows the percentage forest cover and the forest loss from 2000-2020 in the most heavily populated water catchment of Zimbabwe. Intact catchments can support more consistent water supply and improved water quality.



Water supply area for the city of Harare

### Opportunities for action

For carbon, there is opportunity for Zimbabwe to increase PA and OECM coverage in terrestrial areas with high carbon stocks, as identified in the map above. Protecting areas with high carbon stocks secures the benefits of carbon sequestration in the area.

For water, there is opportunity to increase the area of the water catchment under protection by PAs and OECMs, or in cases where there is high levels of protection, focus on effective management for these areas. Protecting the current area of forested land and potentially reforesting would have benefits for improving water security.



## CONNECTIVITY & INTEGRATION

Two global indicators, the Protected Connected land indicator (ProtConn; EC-JRC, 2021; Saura et al., 2018) and the PARC-Connectedness indicator (CSIRO, 2019), have been proposed for assessing the terrestrial connectivity of PA and OECM networks (to date there is not a global indicator for assessing marine connectivity).

### Protected Connected Land Indicator (Prot-Conn)

As of January 2021, as reported in the Joint Research Centre of the European Commission's Digital Observatory for Protected Areas (DOPA) (JRC, 2021), the coverage of protected-connected lands (a measure of the connectivity of terrestrial protected area networks, assessed using the ProtConn indicator) in Zimbabwe was 19.7%.

### PARC-Connectedness Index

In 2019, as assessed using the PARC-Connectedness Index (values ranging from 0-1, indicating low to high connectivity), connectivity in Zimbabwe is 0.53. This represents no significant change since 2010.

### Corridor case studies

Below is a list of case studies on corridors and connectivity in Zimbabwe:

Case study title	Type of study region	Greatest threat to connectivity	Approaches to conserving ecological corridors
Connectivity conservation in the Kavango Zambezi Transfrontier Conservation Area: The Zambezi-Chobe Floodplain Wildlife Dispersal Area	terrestrial, rural	deforestation, uncontrolled settlements, overgrazing, over-exploitation of fish, uncontrolled fires	<ul style="list-style-type: none"> <li>• establishment of a five-country transfrontier conservation area</li> <li>• development of integrated development plans</li> <li>• creating awareness and engaging local stakeholders</li> <li>• establishment of community conservancies</li> <li>• promotion of conservation agriculture</li> <li>• establishment of wildlife sanctuaries</li> </ul>

Further details are available in Hilty et al 2020.

### Opportunities for action

There is opportunity to focus on PA and OECM management for enhancing and maintaining connectivity. Improving connectivity increases the effectiveness of PAs and OECMs and reduces the impacts of fragmentation. As well, a range of suggested steps for enhancing and supporting integration are included in the voluntary guidance on the integration of PAs and OECMs into the wider land- and seascapes and mainstreaming across sectors to contribute, inter alia, to the SDGs (Annex I of COP Decision 14/8).



## GOVERNANCE DIVERSITY

There is a lack of comprehensive global data on governance quality and equity in PAs and OECMs. Here, we provide data on the diversity of governance types for reported PAs and OECMs.

As of May 2021, PAs in Zimbabwe reported in the WDPA have the following governance types:

- 0.0% are governed by **governments**
- 0.0% are under **shared** governance
- 0.0% are under **private** governance
- 0.0% are under **IPLC** governance
- 100.0% **do not** report a governance type

### OECMs

As of May 2021, there are **0** OECMs in Zimbabwe reported in the WD-OECM, therefore there is no data available on OECM governance types.

### Privately Protected Areas (PPAs)

There is currently no data available on PPAs for Zimbabwe (see Gloss et al., 2019, and Stolton et al., 2014 for details).

### Information on territories and areas conserved by Indigenous Peoples and local communities (ICCAs) reported from CBD technical series case studies:

There is currently no data available on ICCAs for Zimbabwe (see Kothari et al., 2012 and the [ICCA Registry](#) for further details).

### Other Indigenous lands

Lands managed and/or controlled by Indigenous Peoples cover an area of 460.0 km<sup>2</sup>, of which 0 km<sup>2</sup> falls outside of formal protected areas. Indigenous lands with a human footprint less than 4 (considered as 'natural landscapes') cover an area of 0.0 km<sup>2</sup> (for details on analysis see Garnett et al., 2018).

For Zimbabwe evidence for the presence of Indigenous Peoples comes from: Indigenous Work Group on Indigenous Affairs. Indigenous World 2017 (Indigenous Working Group on Indigenous Affairs, 2017).

Boundaries of the lands Indigenous Peoples manage or have tenure rights over come from: *San*: Robins, S., Madzudzo, E. & Brenzinger, M. Regional assessment of the status of the San in Southern Africa: an assessment of the status of the San in South Africa, Angola, Zambia and Zimbabwe (Legal Assistance Centre, 2001)

*Tembomvura*: Marindo-Ranganai, R. & Zaba, B. Animal conservation and human survival: a case study of the Tembomvura people of Chapato Ward in the Zambezi Valley, Zimbabwe (University of Zimbabwe, 1995).

### Opportunities for action

Increase efforts to identify the governance types for the 100.0% of sites that do not have their governance type reported. If applicable, explore opportunities for governance types that have lower representation.

There is also opportunity for Zimbabwe to complete governance and equity assessments, to establish baselines, and identify relevant actions for improvement. Examples of existing tools and methodologies include: Governance Assessment for Protected and Conserved Areas (Franks & Brooker, 2018), Social Assessment of Protected Areas (Franks et al 2018), and Site-level assessment of governance and equity (IIED, 2020). As well, a range of suggested actions are included in the voluntary guidance on effective governance models for management of protected areas, including equity (Annex II of COP Decision 14/8).



## PROTECTED AREA MANAGEMENT EFFECTIVENESS

This section provides information on the coverage of PAs and OECMs with completed protected area management effectiveness (PAME) assessments as reported in the global database (GD-PAME). The proportion of terrestrial PAs with completed PAME assessments is also calculated and compared with the 60% target agreed to in COP-10 Decision X/31. Information is also included regarding changes in forest cover nationally within PAs and OECMs.

### Protected area management effectiveness (PAME) assessments

As of May 2021, Zimbabwe has 231 PAs reported in the WDPA; of these PAs, 8 (3.4%) have management effectiveness evaluations reported in the global database on protected area management effectiveness (GD-PAME).

- 6.2% (24,346 km<sup>2</sup>) of the terrestrial area of the country is covered by PAs with completed management effectiveness evaluations.
  - 22.8% of the area of terrestrial PAs have completed evaluations.

The 60% target for completed management effectiveness assessments (per COP Decision X/31) **has not** been met for terrestrial PAs.

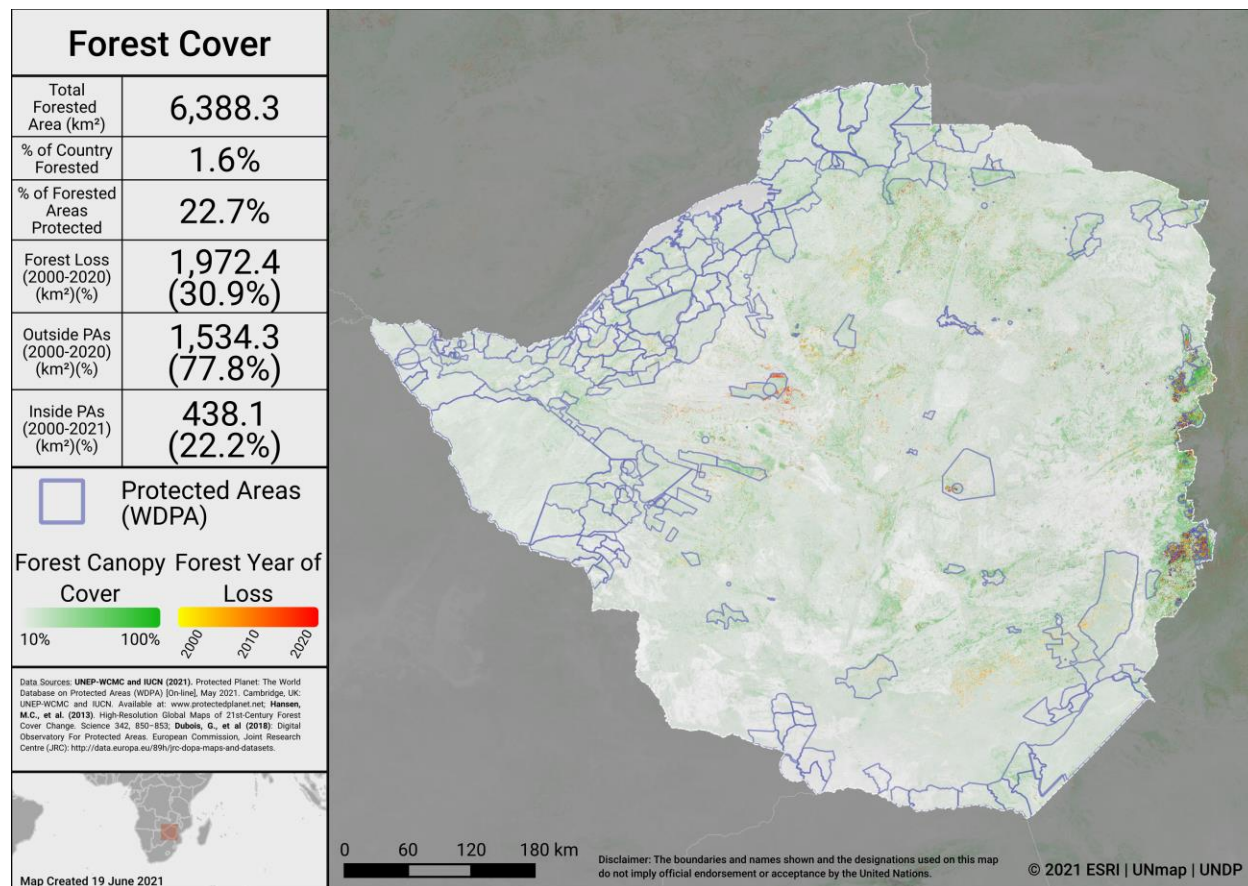
As of May 2021, there are 0 OECMs in Zimbabwe reported in the WD-OECM and no information available on the management effectiveness of potential OECMs.

### Changes in forest cover in protected areas and OECMs

Forested areas in Zimbabwe cover approximately 1.6% of the country, an area of 6,388.3 km<sup>2</sup>. Approximately 22.7% (1,448.9 km<sup>2</sup>) of this is within the protected area estate of Zimbabwe. Over the period 2000-2020 loss of forest cover amounted to over 1,972.4 km<sup>2</sup>, or 0.5% of the country (30.9% of forested area), of which 438.1 km<sup>2</sup> (22.2% of forest loss) occurred within protected areas. The map below shows how forest cover has changed in Zimbabwe from 2000-2020 both inside and outside of PAs. This can indicate how effective PAs are in reducing forest cover loss.







### Forest Cover and Forest Loss in Zimbabwe

#### Opportunities for action

The 60% target for completed management effectiveness assessments (per COP Decision X/31) **has not** been met for terrestrial PAs, therefore, there is opportunity to increase protected area management effectiveness (PAME) evaluations for terrestrial PAs to achieve the target.

There is also opportunity to implement the results of completed PAME evaluations, to improve the quality of management for existing PAs and OECMs (e.g. through adaptive management and information sharing, increasing the number of sites reporting ‘sound management’) and to increase reporting of biodiversity outcomes in PAs and OECMs.

## SECTION II: EXISTING PROTECTED AREA AND OECM COMMITMENTS

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### PRIORITY ACTIONS FROM 2015-2016 REGIONAL WORKSHOPS

National priority actions for Aichi Biodiversity Target 11 were provided by Parties following a series of regional workshops in 2015 and 2016. The Capacity-building workshop for Africa on achieving Aichi Biodiversity Targets 11 and 12 took place 21 - 24 March 2016 in Entebbe, Uganda. Progress towards the quantitative targets for terrestrial coverage has been assessed based on data reported in the WDPA and WD-OECM as of 2021. For more information, see the workshop report at: <https://www.cbd.int/meetings/>

The following actions were identified during the workshops:

**Terrestrial coverage:** Baseline surveys to determine status and trends in ecosystems health.

**Ecological representation:** Identify and designate, possible areas of expansion for PAs (Also improvement of existing ones).

**Areas Important for biodiversity and ecosystem services:** Develop management plans for IBAs.

**Connectivity:** Promotion of public, private and community partnerships (PPCPs) through establishment of biological corridors.

**Management effectiveness:** Institutional assessment to identify capacity needs.

**Governance and Equity:** Revive CAMPFIRE and ratification of Nagoya Protocol.

**Integration:** No actions were identified for this element of Target 11.

**OECMs:** Capacity building in mainstreaming and harmonization of implementation of MEAs.



## NATIONAL BIODIVERSITY STRATEGY AND ACTION PLANS (NBSAPs)

Zimbabwe has submitted an NBSAP during the Strategic Plan for Biodiversity 2011-2020 (most recent NBSAP is available at: <https://www.cbd.int/nbsap/search/>).

This NBSAP **did** include a quantitative target for **terrestrial** PAs or OECMs.

*Target 9: By 2020, at least 28% of Zimbabwe's terrestrial and inland water under protection, is maintained and conserved, and protected area connectivity enhanced through integrated resource management.*

- As of May 2021 (based on the WDPA/WD-OECM) has the target been met: **NO**
- Accounting for other projects, actions and commitments, if this target is met, coverage in the country will increase by 3,082.0 km<sup>2</sup>.

Actions from the NBSAP will also address other elements of Aichi Biodiversity Target 11:

NBSAP Action number	Action (original language from NBSAP)
9.1.1	Take stock of the protected area network to verify the 28% total land area extent baseline and establish new baseline, if necessary
9.1.2	Conduct annual assessments of the effectiveness of management of protected areas in priority biodiversity areas
9.1.3	Develop mechanisms for recognition of the contribution by successful community-conserved areas to the national protected area system
16.1.3	Promote the establishment of new or strengthening the establishment of existing Indigenous-knowledge based community conservation areas



## APPROVED GEF-5 & GEF-6 PROTECTED AREA PROJECTS

### Approved GEF-5 and GEF-6 PA-related biodiversity projects

This includes biodiversity projects from the fifth and sixth replenishment of the Global Environment Facility (GEF-5 and GEF-6) with a clear impact of the quantity or quality of PAs; also including some projects occurring within the wider landscapes/seascapes around PAs. Only those with a status of 'project approved' or 'concept approved' as of June 2019 were considered. The qualifying elements likely benefiting from each GEF project is assessed based on a keyword search of Project Identification Forms (PIF).

GEF ID	PA increase?	Area to be added (km <sup>2</sup> )	Qualitative elements potentially benefitting (based on keyword search of PIFs)
9660	No	N/A	Effectively managed
4645	No	N/A	All Qualitative Elements



## OTHER ACTIONS/COMMITMENTS

### Commitments for PAs and OECMs from Other National Policies

Policy document	Ecosystem	Policy text
Nationally Determined Contribution	Forest ecosystems	Avoided forest conversion: 3.90 Mt CO <sub>2</sub> e/yr
Nationally Determined Contribution	Wetland ecosystems	Avoided peat impacts: 0.40 Mt CO <sub>2</sub> e/yr
National Energy Policy	Forest ecosystems	Encourage the generation of electricity from biomass cogeneration and mini-hydro project
National Energy Policy	Forest ecosystems	Ensure adequate and reliable supplies of coal in a cost-effective and sustainable manner
National Energy Policy	Forest ecosystems	Encourage the use of waste biomass for energy purposes
Comprehensive Agricultural Policy Framework	Grasslands & Agricultural systems	Promote sustainable agricultural production including conservation agriculture techniques
Comprehensive Agricultural Policy Framework	Grasslands & Agricultural systems	Promote crop rotations to include nitrogen fixing crops
Comprehensive Agricultural Policy Framework	Grasslands & Agricultural systems	Promote adoption of good animal husbandry practices
Comprehensive Agricultural Policy Framework	Grasslands & Agricultural systems	Promote soil and moisture conservation
Comprehensive Agricultural Policy Framework	Grasslands & Agricultural systems	Promote sustainable agricultural systems
National Biodiversity Strategy Action Plan	Forest ecosystems	Promote and lobby for development of renewable energy and energy-saving alternatives
National Biodiversity Strategy Action Plan	Forest ecosystems	Establish soil conservation works on farms
National Biodiversity Strategy Action Plan	Forest ecosystems	Promote and support adoption of conservation agriculture, agro-forestry and organic farming and Promote sustainable land use

## ANNEX I

### FULL LIST OF ECOREGIONS

Ecoregion Name	Area (km <sup>2</sup> )	% of Global Ecoregion in Country	% of Country in Ecoregion	Area Protected (km <sup>2</sup> )	% Protected in Country
Dry miombo woodlands	177,450.6	15.0	45.4	28,217.2	15.9
Kalahari xeric savanna	862.7	0.1	0.2	834.6	96.7
Nyanga-Chimanimani Montane forest-grassland	7,267.5	94.3	1.9	733.4	10.1
Southern Swahili coastal forests and woodlands	820.6	0.6	0.2	327.3	39.9
Zambezian Baikiaea woodlands	39,106.0	10.9	10.0	21,376.3	54.7
Zambezian flooded grasslands	1.9	0.0	0.0	1.9	97.9
Zambezian-Limpopo mixed woodlands	64,307.8	35.2	16.4	7,192.6	11.2
Zambezian mopane woodlands	101,230.3	26.1	25.9	47,335.7	46.8



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