



Convention on
Biological Diversity



Aichi Biodiversity Target 11 Country Dossier: NIGER

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TABLE OF CONTENTS

GLOSSARY	3
EXECUTIVE SUMMARY	5
<i>Aichi Biodiversity Target 11 Elements: Current status and opportunities for action</i>	5
INTRODUCTION	8
SECTION I: CURRENT STATUS	10
<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 & INTEGRATION</i>	20
<i>GOVERNANCE DIVERSITY</i>	21
<i>PROTECTED AREA MANAGEMENT EFFECTIVENESS</i>	23
SECTION II: EXISTING PROTECTED AREA AND OECM COMMITMENTS	24
<i>PRIORITY ACTIONS FROM 2015-2016 REGIONAL WORKSHOPS</i>	24
<i>NATIONAL BIODIVERSITY STRATEGY AND ACTION PLANS (NBSAPs)</i>	26
<i>APPROVED GEF-5, GEF-6, & GCF PROTECTED AREA PROJECTS</i>	27
<i>OTHER ACTIONS/COMMITMENTS</i>	28
ANNEX I	29
<i>FULL LIST OF ECOREGIONS</i>	29
REFERENCES	30



GLOSSARY

AZEs	Alliance for Zero Extinction sites
CEPF	Critical Ecosystem Partnership Fund
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
NBSAP	National Biodiversity Strategy and Action Plan
OECM	Other Effective Area-Based Conservation Measures
PA	Protected Area
PAME	Protected Area Management Effectiveness
PPA	Privately Protected Area
ProtConn	Protected Connected land indicator
SOC	Soil Organic Carbon
TEOW	Terrestrial Ecosystems of the World
WDPA	World Database on Protected Areas
WD-OECM	World Database on Other Effective Area-Based Conservation Measures



4 | Aichi Biodiversity Target 11 Country Dossier: NIGER

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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

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. Where available, data from national statistics for the elements of Target 11 are included alongside records from these global databases. 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 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 Niger is 216,586.3 km² (18.2%). The inclusion of 67 classified forests and several other sites not yet reported in the [WDPA](#) may further increase this coverage.
- **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 when planning new PAs or OECMs.

Ecological Representativeness

- **Status:** Niger contains 6 terrestrial ecoregions: the mean protected coverage by reported PAs and OECMs is 25.8% and 1 terrestrial ecoregion has no coverage.
- **Opportunities for action:** there is opportunity for Niger to increase protection in terrestrial ecoregions that have lower levels of coverage by PAs or OECMs. Ecoregions which currently have no coverage by PAs or OECMs are key areas for action.



6 | Aichi Biodiversity Target 11 Country Dossier: NIGER

Areas Important for Biodiversity

- **Status:** Niger has 17 Key Biodiversity Areas (KBAs): the mean protected coverage of KBAs by reported PAs and OECMs is 59.3%, while 5 KBAs have no coverage by reported PAs and OECMs.
- **Opportunities for action:** there is opportunity for Niger 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 Niger, 26.9% of aboveground biomass carbon, 32.3% of belowground biomass carbon and 22.5% of soil organic carbon is covered by PAs and OECMs.
- **Opportunities for action:** for carbon, there is opportunity for Niger 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 14.9%. In Niger, wildlife corridors have been identified, however they do not yet have legal protection status
- **Opportunities for action:** there is opportunity for a targeted increase in connecting PAs or OECMs and 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:** the most common governance type(s) for reported PAs in Niger is: 96.3% under Government (Federal or national ministry or agency).
- **Opportunities for action:** explore opportunities for governance types that have lower representation, for Niger this could relate to governance by Indigenous Peoples and/or local communities (IPLC), shared governance, etc.
- There is also opportunity for Niger to complete governance and equity assessments, to establish baselines and identify relevant actions for improvement. As well, a



7 | Aichi Biodiversity Target 11 Country Dossier: NIGER

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:** 87.1% of terrestrial PAs have completed Protected Area Management Effectiveness (PAME) assessments reported. Several PAME evaluations have been recently carried out; such evaluations have become regular in Niger, with at least one evaluation per year and per PA.
- **Opportunities for action:** the 60% target for completed management effectiveness assessments (per COP Decision X/31) **has** been met for terrestrial PAs. Further increasing this percentage could be beneficial overall for understanding how well protected areas are being managed.
- 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

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 Niger. Section I of the dossier presents data on the current status of Niger’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 presents potential opportunities for action for Niger, in relation to each Target 11 element. The analyses present options for improving Niger’s area-based conservation network to achieve enhanced protection and benefits for livelihoods and climate change. Section II presents details on Niger’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 the UN. Furthermore, where data is

9 | Aichi Biodiversity Target 11 Country Dossier: NIGER

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. 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 (www.wcmc.io/WDPA_Manual), and these should be directed to 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 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 (terrestrial and marine coverage) 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

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. Where available, results from national reporting are also included.



COVERAGE

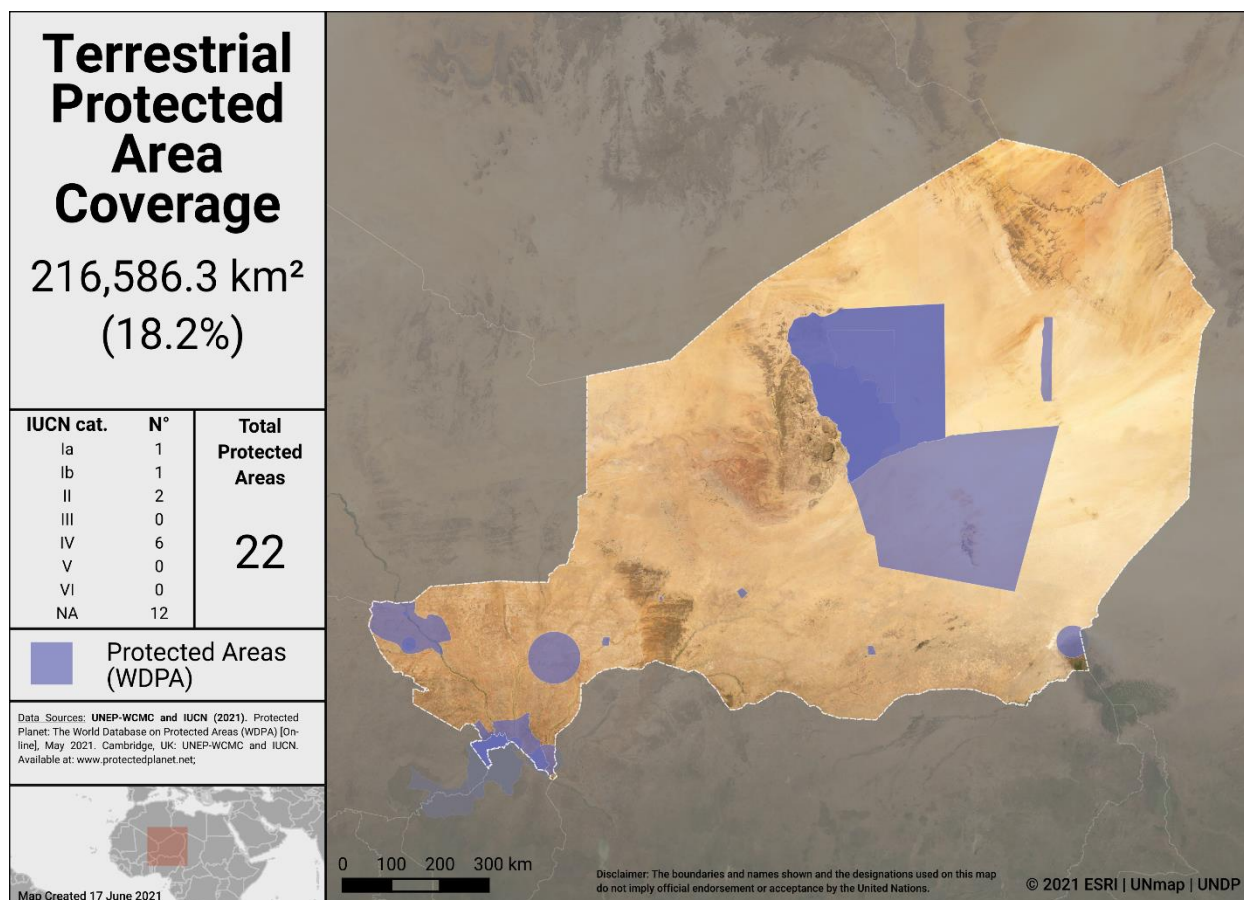
As of May 2021, Niger has **25** protected areas reported in the World Database on Protected Areas (WDPA). 3 UNESCO-MAB Biosphere Reserves are not included in the following statistics (see details on UNWFP-WCMC’s methods for calculating PA and OECM coverage [here](#)).

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

Current coverage for Niger:

- 18.2% terrestrial (22 protected areas, 216,586.3 km²)

There are several sites not currently reported in the WDPA (though work is ongoing to facilitate updates), this includes **67** Classified Forests (*Forêt Classée*) covering **2,149 km²**, two Ramsar sites (8.6 km²), and one transboundary UNESCO-MAB biosphere reserve (94,071 km²). The total coverage of a few other sites has also changed (including 1 Nature Reserve, 1 Partial Fauna Reserve, 1 Ramsar site and 1 transboundary World Heritage Site). *These changes may affect results in the following sections.*



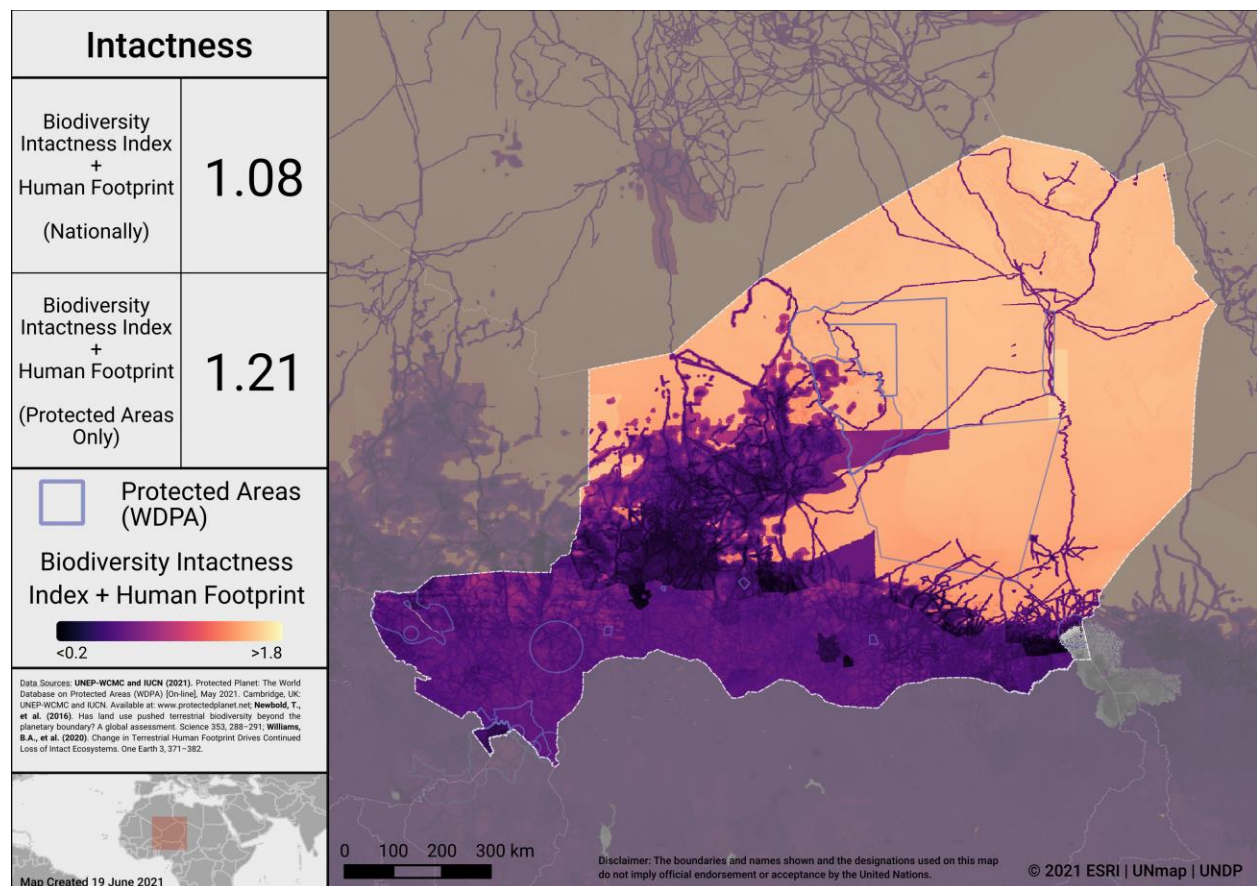
Terrestrial Protected Areas in Niger

Potential OECMs

There are currently no potential OECM examples for Niger. The country has noted that it would be useful to convene a data collection meeting, to facilitate understating of the types of areas that could be included as OECMs, as well as to promote speaking the same language and understanding the basics of area calculations, and other methods and definitions, etc.

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 Niger considers where to add new PAs and OECMs, the map below identifies areas in Niger 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 Niger

To explore more on intactness visit the UN Biodiversity Lab: map.unbiodiversitylab.org.

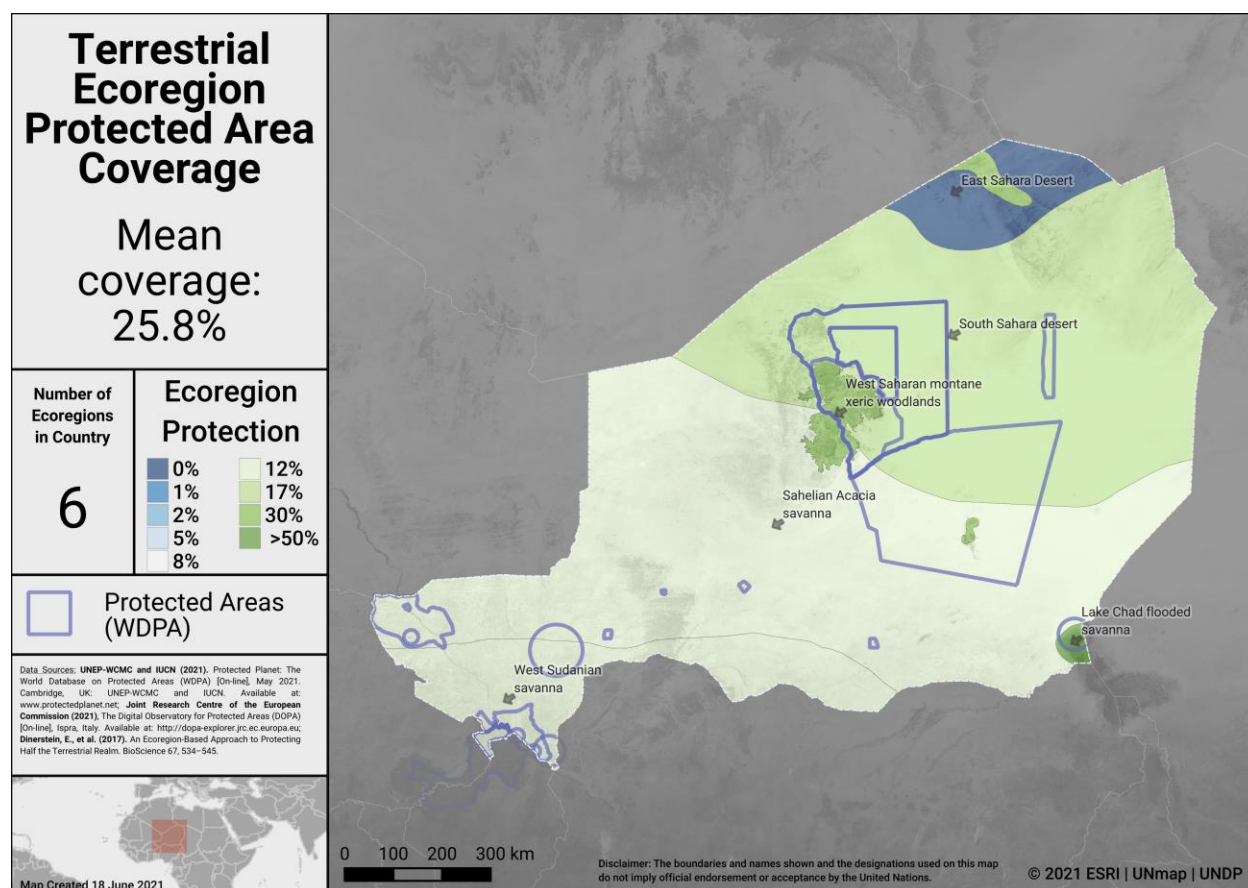
ECOLOGICAL REPRESENTATIVENESS

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).

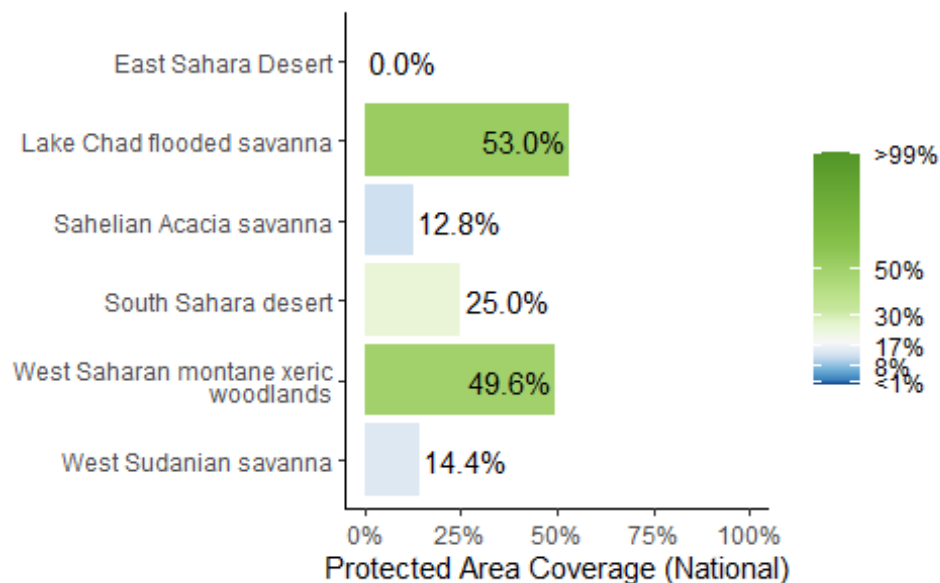
Niger has 6 **terrestrial** ecoregions. Out of these:

- 5 ecoregions have at least some coverage from PAs and OECMs.
- 3 ecoregions have 17% protected within the country.
- The average terrestrial coverage of ecoregions is 25.8%.

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



Terrestrial ecoregions in Niger



Terrestrial ecoregions of the World (TEOW) in Niger

Opportunities for action

There is opportunity for Niger to increase protection in terrestrial ecoregions that have lower levels of coverage by PAs or OECMs. Ecoregions which currently have no coverage by PAs or OECMs are key areas for action.



AREAS IMPORTANT FOR BIODIVERSITY

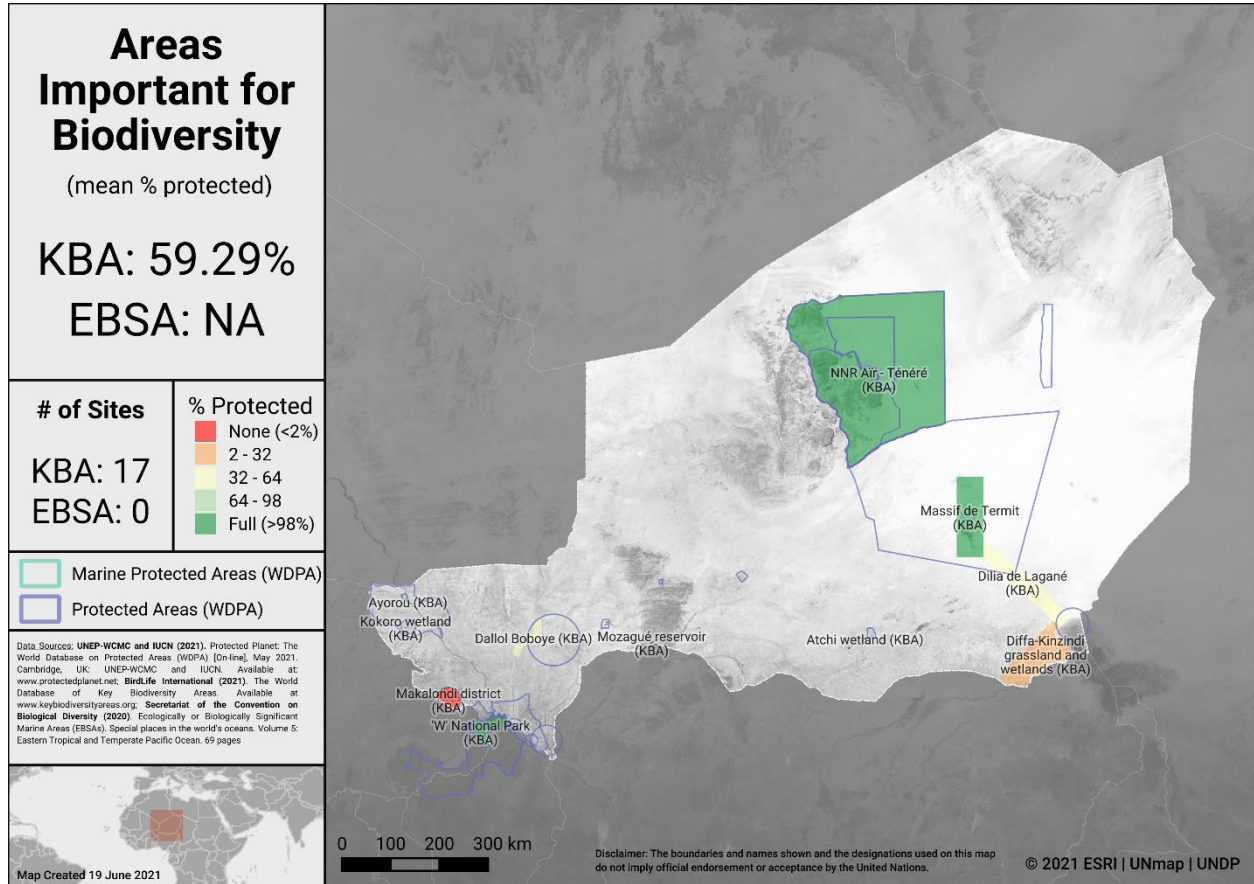
Key Biodiversity Areas (KBAs)

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.

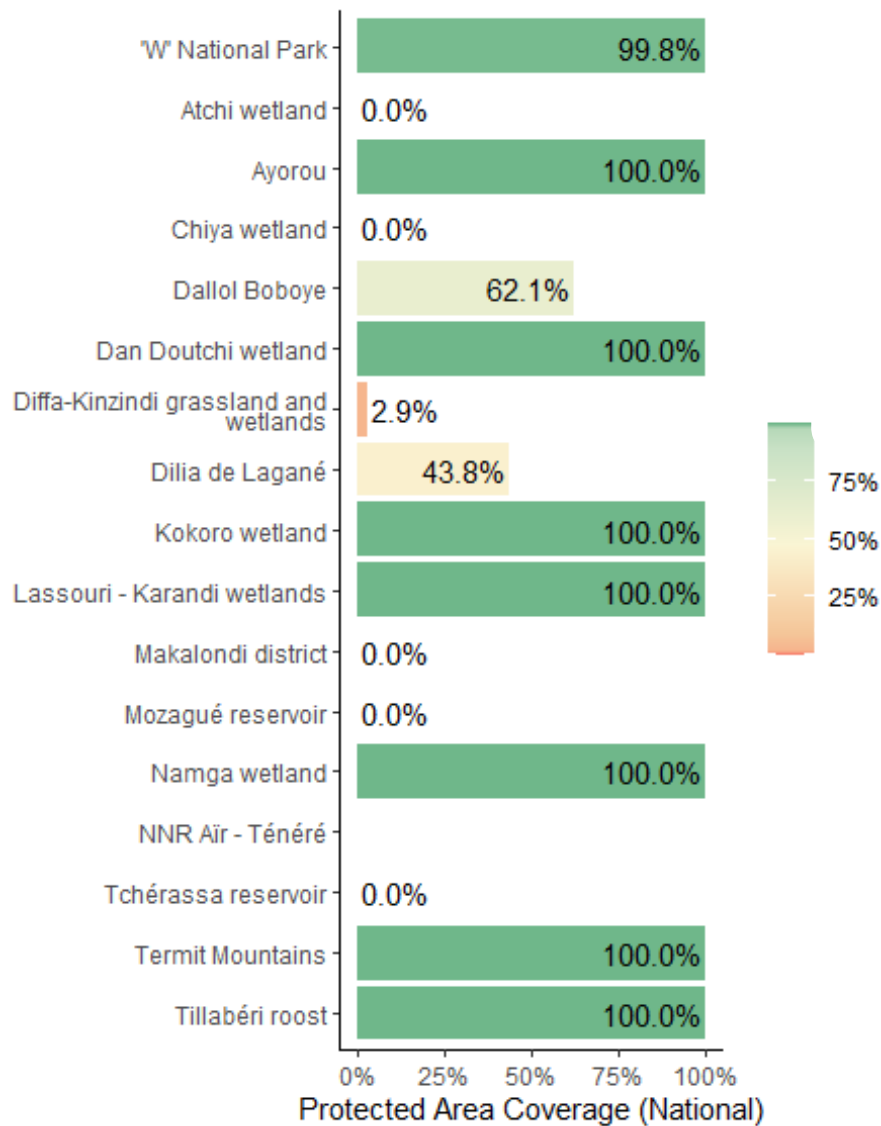
Niger has **17** Key Biodiversity Areas (KBAs).

- Mean percent coverage of all KBAs by PAs and OECMs in Niger is **59.3%**.
- **9** KBAs have full (>98%) coverage by PAs and OECMs.
- **3** KBAs have partial coverage by PAs and OECMs.
- **5** KBAs have no (<2%) coverage by PAs and OECMs.





Areas Important for Biodiversity in Niger



Key Biodiversity Area Coverage (KBA) in Niger

Opportunities for action

There is opportunity for Niger 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.



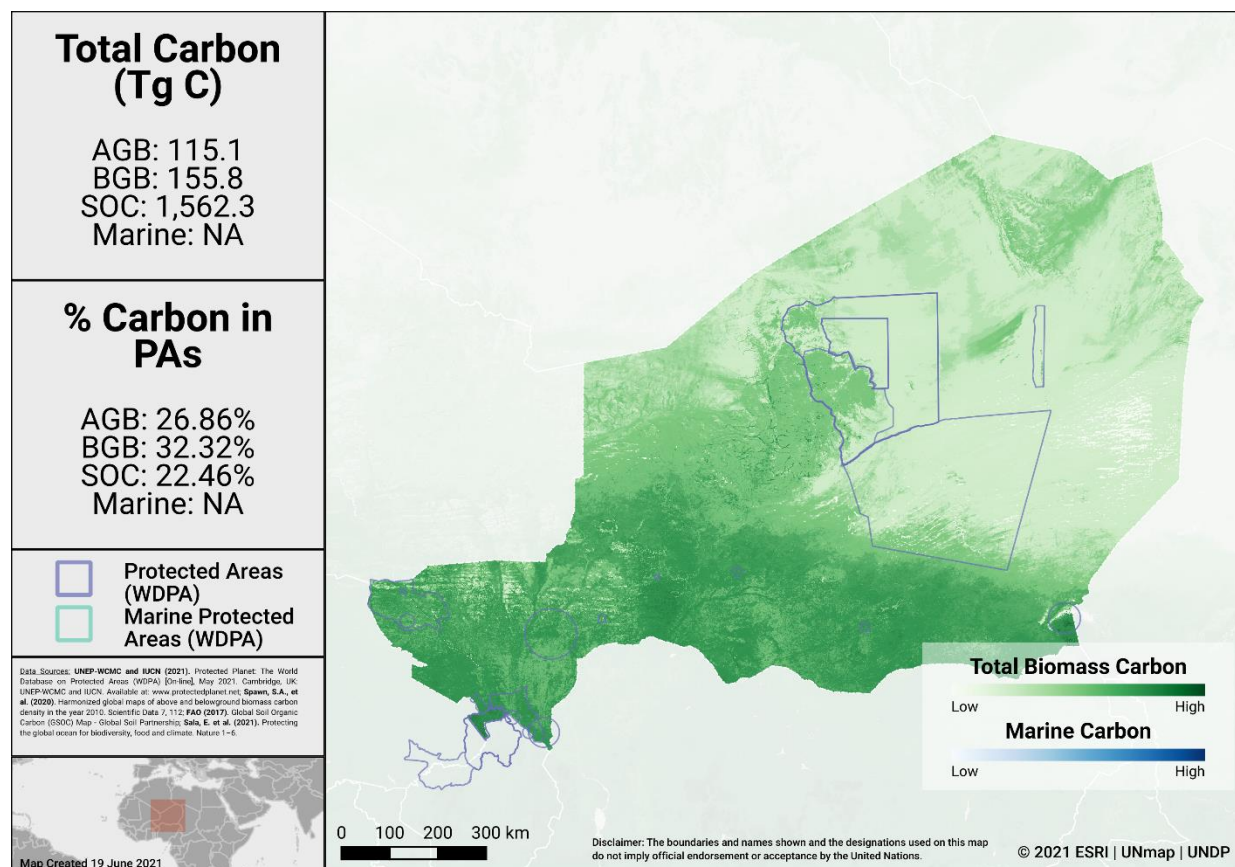
AREAS IMPORTANT FOR ECOSYSTEM SERVICES

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. PAs in Niger are each used according to its status, which provides ecosystem services. Thus, each PA, depending on its category, is used in addition to the general ecosystem services that it offers.

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 details).

The map below presents the total carbon stocks in Niger and the percent of carbon in protected areas. The total carbon stocks is 115.1 Tg C from aboveground biomass (AGB), with 26.9% in PAs; 155.8 Tg C from below ground biomass (BGB), with 32.3% in PAs and 1,562.3 Tg C from soil organic carbon (SOC), with 22.5% in PAs.



Carbon Stocks in Niger

Water

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 Niger may similarly depend on protected forest areas within and around water catchments. Intact catchments can support more consistent water supply and improved water quality.

Opportunities for action

For carbon, there is opportunity for Niger 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 no 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 Niger was 14.9%.

PARC-Connectedness Index

In 2019, as assessed using the PARC-Connectedness Index (values ranging from 0-1, indicating low to high connectivity), connectivity in Niger is 0.63. This represents an increase from 0.55 in 2010.

Corridors

Wildlife corridors in Niger are not classified as Protected Areas, although they do play important roles in connectivity within the Protected Area system. In Niger, wildlife corridors have been identified, however they do not yet have legal protection status in order to allow them to contribute fully and effectively to the conservation of natural biodiversity resources.

Opportunities for action

There is opportunity for a targeted designation of PAs or OECMs in strategic locations for connectivity and 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.

Protected Areas in Niger follow one of three (3) main governance systems:

- PAs managed by the state (as is the case for several Parks and Wildlife Reserves)
- PAs under a Public Private Partnership (PPP) regime which brings together the Government, local communities, and private partners (shared governance)
- And those managed by the private sector alone.

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

- 96.3% are governed by **governments**
 - 96.3% by federal or national ministry or agency
 - 0.0% by sub-national ministry or agency
 - 0.0% by government-delegated management
- 3.7% are under **shared** governance
 - 0.0 % by collaborative governance
 - 3.7% by joint governance
 - 0.0% by transboundary governance
- 0.0% are under **private** governance
- 0.0% are under **IPLC** governance
 - 0.0% by Indigenous Peoples
 - 0.0% by local communities
- 0.0% **do not** report a governance type

OECMs

As of May 2021, there are **0** OECMs in Niger 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 Niger (see Gloss et al., 2019, and Stolton et al., 2014 for details).

Territories and areas conserved by Indigenous Peoples and local communities (ICCAs)

There is currently no data available on ICCAs for Niger (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 926,010.0 km², of which 768,635.0 km² falls outside of formal protected areas. Indigenous lands with a human footprint less than 4 (considered as 'natural landscapes') cover an area of 601,790.0 km² (for details on analysis see Garnett et al., 2018).

For Niger, evidence for the presence of Indigenous Peoples comes from: Indigenous Work Group on Indigenous Affairs. Indigenous Peoples in Niger (Indigenous Working Group on Indigenous Affairs, 2011).

Boundaries of the lands Indigenous Peoples manage or have tenure rights over come from: Harrison, A. Fulfulde Language Family Report (SIL International, 2003); Dersso, S. Egypt: Constitutional, legislative and administrative provisions concerning Indigenous Peoples (International Labour Organization, 2009).

Opportunities for action

Explore opportunities for governance types that have lower representation, for Niger this could relate to governance by Indigenous Peoples and/or local communities (IPLC), shared governance, etc.

There is also opportunity for Niger 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 and marine PAs with completed PAME assessments is also calculated and compared with the 60% target agreed to in COP-10 Decision X/31.

Several PAME evaluations, in particular those focused on wildlife, have been carried out in recent years. These evaluations have become regular in Niger, with at least one evaluation per year and per Protected Area, using the following main tools: Management Effectiveness Tracking Tools (METT); Enhancing Our Heritage (EOH); Capacity Development Mechanism (MDC), Financial Score Card (FSC), Rapid Access Protected Area Management (RAPAM), Integrated Management Effectiveness Tracking Tools (IMET)

Protected area management effectiveness (PAME) assessments

As of May 2021, Niger has 25 PAs reported in the WDPA; of these PAs, 11 (40.7%) have management effectiveness evaluations reported in the global database on protected area management effectiveness (GD-PAME).

- 15.8% (188,561 km²) of the terrestrial area of the country is covered by PAs with completed management effectiveness evaluations.
 - 87.1% of the area of terrestrial PAs have completed evaluations.

The 60% target for completed management effectiveness assessments (per COP Decision X/31) **has** been met for terrestrial PAs.

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

Opportunities for action

The 60% target for completed management effectiveness assessments (per COP Decision X/31) **has** been met for terrestrial PAs. Further increasing this percentage would be beneficial overall for understanding how well protected areas are being managed.

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

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 marine and 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/>

Summary from the workshop:

Priority actions and identified opportunities, if completed as proposed, will provide benefits for the qualifying elements of Aichi Biodiversity Target 11.

The following actions were identified during the workshops:

Terrestrial coverage:

- 1) Continue the creation of protected areas on in areas that are suitable
- 2) Strengthening the capacity of protected areas already established by human means, material and financial.

Ecological representation: One region in Niger has no PAs, and the Saharan pastoral zone is not adequately represented. The creation of the Tadress PA will solve this problem.

Areas Important for biodiversity and ecosystem services:

- 1) Ecological monitoring in the National Nature Reserve of the Air and Tenere (RNNAT), the Termit and Tin reserve - Toumma (RNNTT), Gadabédji Wildlife Reserve (RTFG), Tamon reserve and partial wildlife reserve Dosso.
- 2) Continuation of wildlife inventories in the Regional Park of Niger.

Connectivity: Managing the connectivity between PAs by creating wildlife corridors to ensure migration of wildlife (including between RNNAT, RNNTT and RTFG and at the border side WAP complex).

Management effectiveness:

- 1) Establish management assessments through the use of tools such as METT, FSC, MDC and EOH.
- 2) Provide each PA with a development and management plan (PAG).



Governance and Equity: Equitable sharing of resources and income from PA operations with local people.

Integration:

- 1) Implementation of an Anti-Poaching program (Prolab) in the WAP Complex through joint regional patrols
- 2) Extend the Regional Complex WAPO (“W” Arly, Pendjari Oti Mandouri - Keran) including designation under different labels (RBT, World Heritage, Wetland).

OECMs:

- 1) Involvement of local communities in the protection and supervision of PAs, by recruiting them as ecoguards.
- 2) Establishment of clear and legal statutes and implementing regulations to better manage PAs
- 3) Creation of management plans (UGAP) for every PA.



NATIONAL BIODIVERSITY STRATEGY AND ACTION PLANS (NBSAPs)

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

Strategic Objective 3: Improve and develop tools for the management of protected areas. At this level, it is a priority to develop and implement the following tools:

- the Management and Conservation Development Plan (PAGC)
- the Management Effectiveness Tracking Tools (METT) used by all GEF projects to assess the management effectiveness of PAs;
- the Financial Score Card (FSC) used to assess the efficiency and financial sustainability of PAs through the analysis of their income generated, budget allocations, and their financing needs;
- the Capacity Development Matrix (CBM), used to develop an approach to assess a country's capacity to establish, manage and support effective PA systems;
- Enhancing Our Heritage (EOH) is a PA assessment system used by IUCN that provides basic information to develop adaptive management procedures.

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

NBSAP Action number	Action (original language from NBSAP)	Action (English or clarified language)
61	Développer le réseau national de parcs et réserves	Develop the national network of parks and reserves
62	Développer des mécanismes de participation des communautés locales à la gestion des aires protégées	Develop local community participation mechanisms in the management of protected areas
63	Elaborer et mettre en oeuvre des plans d'aménagements et de gestion (PAG) des aires protégées et des zones humides	Elaborate and implement development and management plans (PAG) for protected areas and wetlands
64	Classer des sites naturels d'importance et représentatifs de l'ensemble des écosystèmes	Protect natural sites of importance and representative of all ecosystems
66	Renforcer les capacités des communautés locales pour une meilleure cogestion des aires protégées et des zones humides	Strengthen the capacity of local communities for better co-management of protected areas and wetlands

APPROVED GEF-5, GEF-6, & GCF 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). Where spatial data for the proposed PAs was available, further details (based on an analysis by UNDP) regarding their impacts for ecological representation, coverage of KBAs, and coverage of areas important for carbon storage is included.

GEF ID	PA increase?	Area to be added (km ²)	Qualitative elements potentially benefiting (based on keyword search of PIFs)
9405	No	N/A	All except Ecologically representative and Areas important for biodiversity
9497	No	N/A	Ecosystem services; Effectively managed; Equitably managed; Integration

Approved Green Climate Fund (GCF) Protected Area-related biodiversity projects

The Green Climate Fund's investments listed as approved projects as of May 2021 were considered. The GCF supports paradigm shifts in both climate change mitigation and adaptation that may impact quality of PAs or contribute to better integration within the wider land- and seascapes around PAs. Only projects with result areas for either or both *Forest and Land Use and Ecosystems* and *Ecosystem Services* result areas were included.

GCF ID	Project theme	Result area	Target 11 element
FP092	Cross-cutting	Forest and land use	Effectively managed; Integration



OTHER ACTIONS/COMMITMENTS

High Ambition Coalition for Nature and People

Niger **has** joined the High Ambition Coalition for Nature and People.

The High Ambition Coalition for Nature and People (HAC) is an intergovernmental group, co-chaired by France and Costa Rica [currently including 65 countries and the European Commission]. Its objective is to support the adoption of a target aiming to protect 30% of the planet's land and 30% of its oceans by 2030 (30x30 target), within the future global framework of the Convention on Biological Diversity (CBD) for the protection of biodiversity, which is to be adopted at the next COP in China this autumn.

Niger's statement at the **2020 UN Biodiversity Summit** included a commitment to *increase the surface area of Protected Areas*. This has allowed Niger to *classify other Protected Wildlife Areas* despite the old ones. Therefore, *two (2) large nature reserves were created* totaling nearly **10 million hectares**.



ANNEX I

FULL LIST OF ECOREGIONS

Ecoregion Name	Area (km ²)	% of Global Ecoregion in Country	% of Country in Ecoregion	Area Protected (km ²)	% Protected in Country
East Sahara Desert	49,003.2	3.2	4.1	0.0	0.0
Lake Chad flooded savanna	4,047.1	12.7	0.3	2,147.0	53.0
Sahelian Acacia savanna	540,812.7	14.7	45.7	69,427.6	12.8
South Sahara desert	449,981.4	15.4	38.1	112,534.9	25.0
West Saharan montane xeric woodlands	26,630.6	10.3	2.3	13,209.3	49.6
West Sudanian savanna	111,839.0	6.8	9.5	16,152.0	14.4



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