



BIOPAMA RRIS

Regional Reference Information System
For Protected Areas

Homepage

English Search Login/Register

BIOPAMA Reference Information System (RIS)

Please select an ACP region:
ACP Regions

Main site Follow us Join us

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8,514 Protected Areas
6,451,529 km²

7,393 Terrestrial
5,511,697 km²

493 Terrestrial/Marine
265,313 km²

628 Marine
1,182,518 km²

ECOLOGICAL CHARACTERISTICS OF PROTECTED AREAS
What are the ecological characteristics of a protected area - what species are present, what habitat types can be found, and what ecosystem services does it provide? How vulnerable are the species, how unique are the habitats and how might they be affected by change?
Language English
[Read more](#)

PROTECTED AREAS AND LIVELIHOODS
People interact with protected areas in many ways. People establish, govern and manage protected areas, and receive multiple benefits from protected areas. Protected areas help conserve biodiversity, provide important ecosystem services, and support human livelihoods and well-being. But people also exert multiple pressures on protected areas that can affect the conservation of biodiversity and the provision of ecosystem services.
Language English
[Read more](#)

PROTECTED AREA MANAGEMENT AND GOVERNANCE
Good governance and management are key determinants of protected area success. The BIOPAMA RIS seeks to provide information on the legal frameworks, governance and management arrangements for protected areas in the ACP countries, and the effectiveness and efficiency of these practices with regard to conservation outcomes.
Language English
[Read more](#)

PARTNERS Implemented by

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This publication has been produced with support of the 10th EDF through the BIOPAMA programme. The contents of this publication are the sole responsibility of IUCN, ECU-PRC, EAC and UEM and can in no way be taken to reflect the views of the European Union nor of the ACP Secretariat.

Last updated 10/02/2016

Community

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Community

Join the BIOPAMA community on Yammer

BIOPAMA

JD What are you working on?

All Network

Roxana Bucioaca – 24 hours ago
The BIOPAMA Caribbean team has recently completed a series of five national trainings for protected area data management in the Bahamas, Jamaica, Antigua and Barbuda, Belize and Greanda, held between September 2015 and January 2016. Learn about some of the outcomes:
cc: Jason Williams

www.biopama.org
BIOPAMA - Caribbean countries improve protected area data management capacity
The Caribbean Protected Areas Gateway (Caribbean Gateway) has been accelerating its engagement with regional governmental and non-governmental or...

LIKE REPLY VIEW CONVERSATION
Bastian Bertzky and Jason Williams like this

Jason Williams – 8 minutes ago
Thanks for sharing Roxana!

yammer[®] James Davy (log out)

If you do not yet have a Yammer login to join the BIOPAMA community, please [sign up now](#). Your account will need to be approved by a moderator.

Projects – Who is funding what, where?

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Projects

Select a country to view more project details by selecting a point on the map.

Project volume by country (in million US \$)



This is the project overview for the ACP regions. Select a country to view more project details by selecting a point on the map.

Last updated 09/02/2016

The figure is a world map where the size of green circles represents the project volume in million US dollars for each country. The largest circles are concentrated in Africa, particularly in the West and Central regions. Smaller circles are scattered across South America, Asia, and Oceania. A legend on the left shows five green circles of increasing size, corresponding to the data points on the map. The map includes a navigation interface with a compass and zoom controls.

Training Opportunities

BIOPAMA [Connect](#) [Learn](#) [Explore](#) [Analyse](#) [Contribute](#) English Search Login/Register

Home » Learn

Training Opportunities

Course Title

Training Degree / Type

Training Organization

City

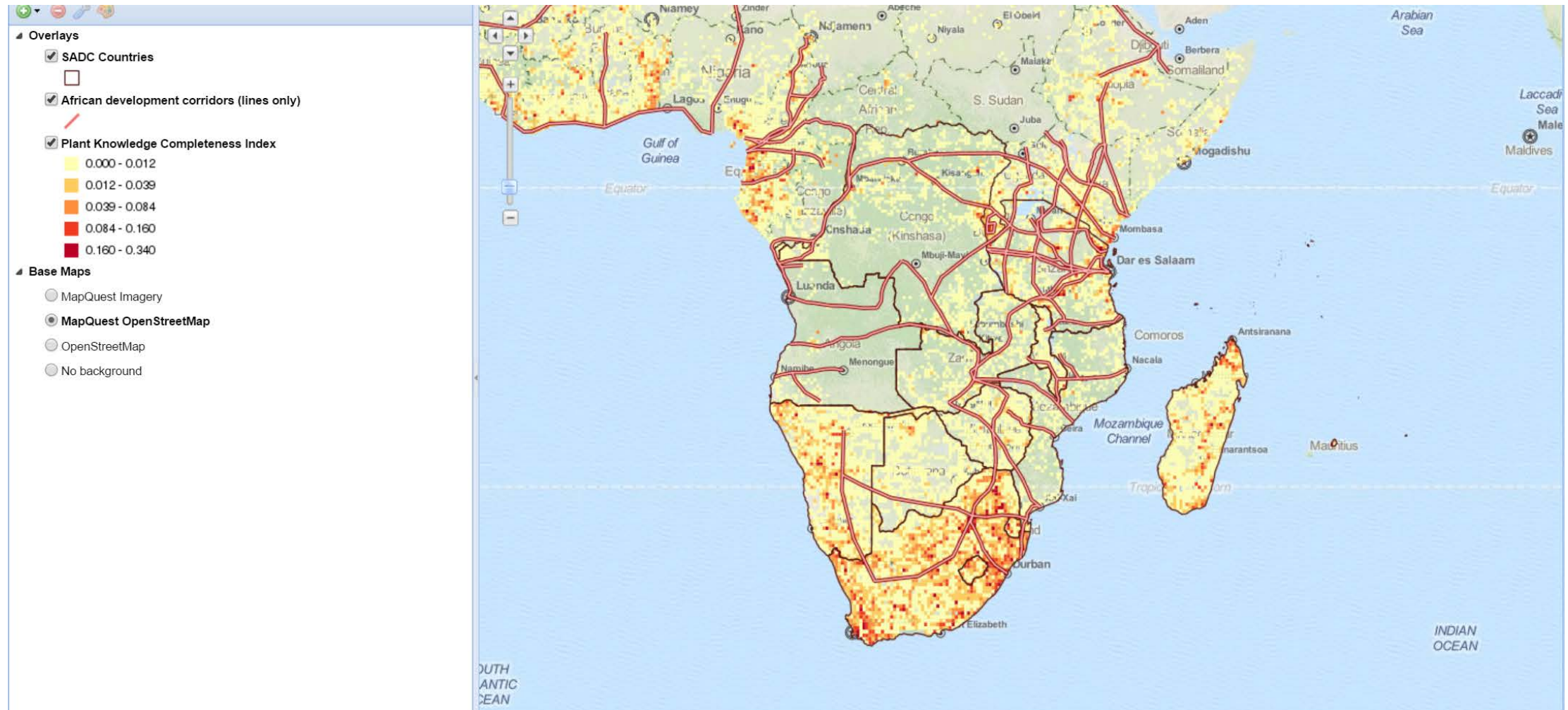
Country

[Apply](#)

Results

Course Title	Degree / type	Duration	Frequency	Organization	City	Country
Advanced Birding Course	Certificate	7 days	On demand	EcoTraining	Neispruit	South Africa
Advanced Fisheries Management	Short course	2 days	On demand	SAAMBR	Durban	South Africa
Advanced Geographical Information Systems	Short course	6 days	Once a year	Southern African Wildlife College	Greater Kruger National Park, near Hoedspruit.	South Africa
Advanced Geographic Information Systems	Certificate	13 days	Twice a year	University of Pretoria	Pretoria	South Africa
Advanced Grass Identification	Not specified	3 day	Variable	Africa Land-Use Training	Modimolle	South Africa
Advanced Observer		9 days	On demand	CapFish SA	Cape Town	South Africa
Advanced Spatial Data Analysis (with GIS)	Certificate	5 days	Not specified	University of Pretoria	Pretoria	South Africa
Advanced Wetland Course	Short course	5 days	Not specified	University of Pretoria	Pretoria	South Africa
African Folklore	Not specified	Students determine own pace	Distance learning - available all the time	Wildlife Campus	Johannesburg	South Africa
Agricultural Extension and	Advanced Certificate	44 days	Not specified	University of Pretoria	Pretoria	South Africa

Interactive Map – Make your own maps



Catalogue – Search for Reference Data

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Home » Explore

Search Catalogue

Displaying 1 - 5 of 36

Title contains
Africa

Description

Category

Keywords
Choose some options
Leave blank for all. Otherwise, the first selected term will be the default instead of "Any".

Type
- Any -

Apply

Oil and Gas Pipeline in East Africa
Data provided by Transboundary Africa Consulting. The pipeline connects the countries in East Africa to Mombasa to export oil and gas.

Management Plan (2008), Karoo National Park, South Africa
Approved management plan (for annexes and updates check: http://www.sanparks.org/conservation/park_man/)

Protected Areas of Central and Western Africa
Protected areas of Central & Western Africa (source IUCN and UNEP-WCMC (2015), The World Database on Protected Areas (WDPA) [On-line], [June 2015], Cambridge, UK: UNEP-WCMC. Available at: [www....](#))

East Africa Protected Areas
An extraction of the Protected Areas, from the WDPA, for the EAC region.

Protected Areas of Africa, Caribbean, Pacific (ACP)
Protected areas of the entire ACP region (79 countries plus S. Sudan, plus disputed territories) (source IUCN and UNEP-WCMC (2015), The World Database on Protected Areas (WDPA) [On-line], [June 2015...])

Country Search

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Home » Explore

Search Countries

Country Search

Country name, ISO2, or ISO3

Marine Shortfall

% -2 10

Shortfall to Marine Aichi target

Terrestrial Shortfall

% -30 20

Shortfall to Terrestrial Aichi target

Protected EEZ 0-200nm

% 0 12

Terrestrial protection

% 0 50

Apply

Reset

Displaying 1 - 10 of 80

Angola ISO2: AO ISO3: AGO	Protected Land Percentage: 6.98% Protected Marine Percentage: 0.00%	Terrestrial Shortfall: 10.02% Marine Shortfall: 10.00%
Antigua and Barbuda ISO2: AG ISO3: ATG	Protected Land Percentage: 5.44% Protected Marine Percentage: 0.13%	Terrestrial Shortfall: 11.56% Marine Shortfall: 9.87%
Bahamas ISO2: BS ISO3: BHS	Protected Land Percentage: 13.31% Protected Marine Percentage: 0.23%	Terrestrial Shortfall: 3.69% Marine Shortfall: 9.77%
Barbados ISO2: BB ISO3: BRB	Protected Land Percentage: 0.13% Protected Marine Percentage: 0.00%	Terrestrial Shortfall: 16.87% Marine Shortfall: 10.00%
Belize ISO2: BZ ISO3: BLZ	Protected Land Percentage: 36.65% Protected Marine Percentage: 7.40%	Terrestrial Shortfall: -19.65% Marine Shortfall: 2.60%
Benin ISO2: BJ ISO3: BEN	Protected Land Percentage: 28.07% Protected Marine Percentage: 0.00%	Terrestrial Shortfall: -11.07% Marine Shortfall: 10.00%
Botswana ISO2: BW ISO3: BWA	Protected Land Percentage: 29.16% Protected Marine Percentage: 0.00%	Terrestrial Shortfall: -12.16% Marine Shortfall: 10.00%
Burkina Faso ISO2: BF ISO3: BFA	Protected Land Percentage: 15.47% Protected Marine Percentage: 0.00%	Terrestrial Shortfall: 1.53% Marine Shortfall: 0.00%
Burundi ISO2: BI ISO3: BDI	Protected Land Percentage: 6.89% Protected Marine Percentage: 0.00%	Terrestrial Shortfall: 10.11% Marine Shortfall: 0.00%
Cameroon ISO2: CM ISO3: CMR	Protected Land Percentage: 10.86% Protected Marine Percentage: 3.86%	Terrestrial Shortfall: 6.14% Marine Shortfall: 6.14%

Country level summaries

BIOPAMA Connect Learn Explore Analyse Contribute English Search Login/Register

Home Eastern and Southern Africa Southern Africa Botswana

Botswana

General Protected Areas Key Biodiversity Areas Ecoregions Habitats Species Legislation References

Key protected area stats

- Total number of protected areas: 21
- Terrestrial protected area coverage: 29.16%
- Shortfall to the CBD's 17% terrestrial target: **12.16%**
- Landlocked country: yes
- Total number of marine protected areas: 0

Key biodiversity links

- Convention on Biological Diversity (CBD) Country Profile (includes latest NBSAP and CBD National Report)
- CBD Programme of Work on Protected Areas (PoWPA) Action Plan
- Digital Observatory for Protected Areas (DOPA) Country Data
- World Database on Protected Areas (WDPA) Country Data
- Global Biodiversity Information Facility (GBIF) Country Summary
- BirdLife International Country Profile

Key country indicators

- Terrestrial area (km²): 566,730 (2007)
- Total population (people): 2,176,510 (2013)
- Population density (people per km² land area): 3.41 (2007)
- Population growth (annual): 1.8% (2007)
- GDP growth (annual): 8.3% (2007)
- GDP per capita, PPP (current international \$): \$12,310.68 (2007)

Other country links

- EC EuropeAid Country Info
- EU External Action Country Info
- The World Bank Country Data
- UN Data Country Profile
- UNDP Country Profile
- UNEP Country Profile
- FAO Country Profile
- CIA World Factbook Country Info
- Wikipedia Country Info

WDPA Country Report August 2014 (from UNEP-WCMC)

Last updated 10/02/2016

Designated Protected Areas

IUCN Management Category	Count	Link
Ib	7	Details
II	6	Details
IV	7	Details
Not Applicable	1	Details
Not Reported	1	Details

Protected area name	Status	IUCN management category	Reported area (km ²)	Reported marine area (km ²)
Bathoen Dam	Designated	IV	4.70	0.00
Central Kalahari	Designated	Ib	52,800.00	0.00
Chobe	Designated	II	1,432.00	0.00
Chobe	Designated	Ib	11,000.00	0.00
Gemsbok	Designated	Ib	26,310.00	0.00
Kasane	Designated	II	149.31	0.00
Kasane Extension	Designated	II		

Alliance for Zero Extinction sites (AZEs)

This country did not have any AZEs in the dataset at the time of the analysis.

Important Bird and Biodiversity Areas (IBAs)

Site name	Area (km ²)	Area protected (km ²)	% of area protected	Protection status*	Note*
Bokaa Dam	6	0	0.0	No	
Central Kalahari (Kgalagadi) and Khutse Game Reserves	55,556	55,556	100.0	Complete	
Chobe National Park	10,547	10,547	100.0	Complete	
Kgalagadi Transfrontier Park	26,021	25,865	99.4	Complete	
Lake Ngami	110	110	100.0	Complete	
Makgadikgadi Pans	24,458	10,069	41.2	Partial	
Mannyelanong Hill	4	0	0.0	No	Potential WDPA gap
Okavango Delta	14,049	14,049	100.0	Complete	
Phakalane sewage lagoons, near Gaborone	1	0	0.0	No	
South-east Botswana	8,951	21	0.2	No	
Tswapong Hills	770	0	0.0	No	

WDPA Country Report August 2014 (from UNEP-WCMC)

Country – ecosystems, species, legislation

General Protected Areas Key Biodiversity Areas **Ecoregions** Habitats Species Legislation References

Terrestrial ecoregions

Ecoregion name	% of country covered	% of ecoregion protected in country	% of ecoregion protected worldwide	% of ecoregion within country	% country contribution to protection worldwide
Kalahari Acacia-Baikiaea woodlands	37.25	23.96	32.16	64.35	47.94
Kalahari xeric savanna	38.35	23.56	12.6	37.79	70.68
Southern Africa bushveld	7.98	0.01	12.27	20.73	0.02
Zambezian and Mopane woodlands	4.99	77.7	39.5	6.11	12.02
Zambezian Baikiaea woodlands	3.37	59.35			
Zambezian flooded grasslands	4.25	99.95			
Zambezian halophytics	3.82	27.9			

[CSV](#)

Marine ecoregions

No marine ecoregions found in this country.

[CSV](#)

General Protected Areas Key Biodiversity Areas Ecoregions Habitats **Species** Legislation References

Indicative number of amphibian, bird and mammal species

Class	Total number of species (sum of CR, EN, VU, NT, LC and DD)	Total number of threatened species (sum of CR, EN and VU)	Critically Endangered (CR)	Endangered (EN)	Vulnerable (VU)	Near Threatened (NT)	Least Concern (LC)	Data Deficient (DD)
Amphibia	50	0	0	0	0	0	50	0
Aves	545	15	0	4	11	14	515	1
Mammalia	178	8	1	1	6	6	162	2

Indicative number of marine species in selected taxonomic groups

Class	Total number of species (sum of CR, EN and VU)	Critically Endangered (CR)	Endangered (EN)	Vulnerable (VU)	Near Threatened (NT)	Least Concern (LC)	Data Deficient (DD)
	0	0	0	0	1	1	0

WDPA Country Report August 2014 (from UNEP-WCMC)

General Protected Areas Key Biodiversity Areas Ecoregions Habitats Species **Legislation** References

[Legislation](#) [Treaties](#)

the gateway to environmental law

Home About Advanced Search Latest News Contact

Results 1 - 16 of 16 (Legislation) (refine query) Sort by: Date | Country Export selected items Short

- Botswana **Educational Game Reserve Regulations (Chapter 38:01).**
Date of original text: 13 August 2004
Date of consolidation / reprints: 31 December 2006
ID: LEX-FAOC066239
Link to full text: [bot66239.pdf](#)
- Botswana **Wildlife Conservation and National Parks (Hunting and Licensing) Regulations (Chapter 38:01).**
Date of original text: 10 August 2001
Date of consolidation / reprints: 31 December 2006
ID: LEX-FAOC066255
Link to full text: [bot66255.pdf](#)
- Botswana **National Parks and Game Reserves Regulations (Chapter 38:01).**
Date of original text: 01 April 2000
Date of consolidation / reprints: 31 December 2006
ID: LEX-FAOC066252
Link to full text: [bot66252.pdf](#)

WDPA Country Report August 2014 (from UNEP-WCMC)

Protected Area Search

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Home » Explore

Displaying 1 - 25 of 8604 Protected Areas

Protected Area Name: IUCN Management Category: Country Name: ACP Region:

Advanced Options

Protected Area Designation: Status: Terrestrial/Marine?:

Agricultural Pressure Index: Population Pressure Index:

Items per page: Change the fields viewed in the results table:

Name	WDPA ID	GIS Area km2	Country Name
91 Ammunisie Depo Private Nature Reserve	555563545	38.83	South Africa
Aandgloor Private Nature Reserve	555563546	15.32	South Africa
Abaco	129917	-1.00	Bahamas
Abako	40532	0.04	Uganda
Abak River	36673	11.25	Nigeria
Abalolo, Gwaedalo, Ailau (AGA)	555547652	-1.00	Solomon Islands

Protected Area Summary

BIOPAMA Connect Learn Explore Analyse Contribute English Search Login/Register

Home > Protected Areas > Chobe

Chobe

WDPA ID	Status	Designation	Management Authority	IUCN Management Category
600	Designated	National Park	Department of Wildlife and National Parks	IIb

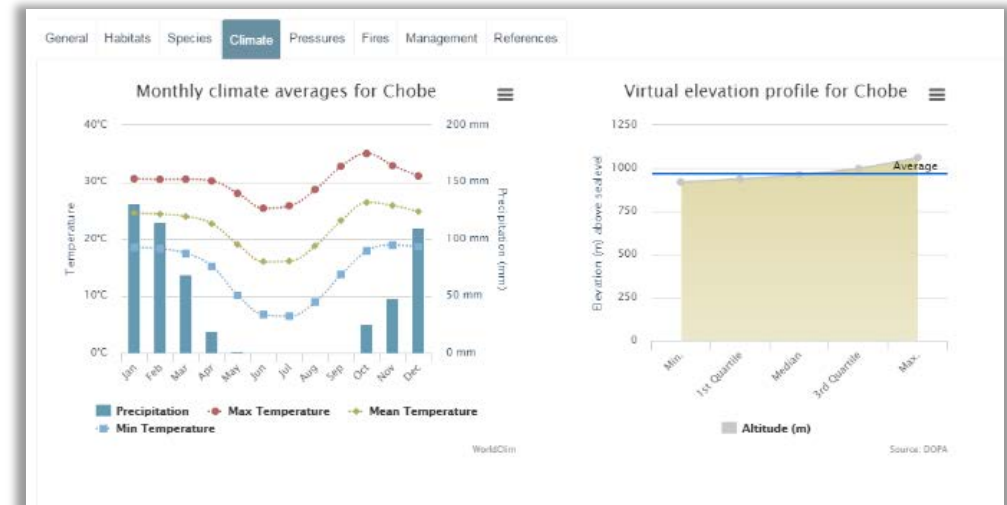
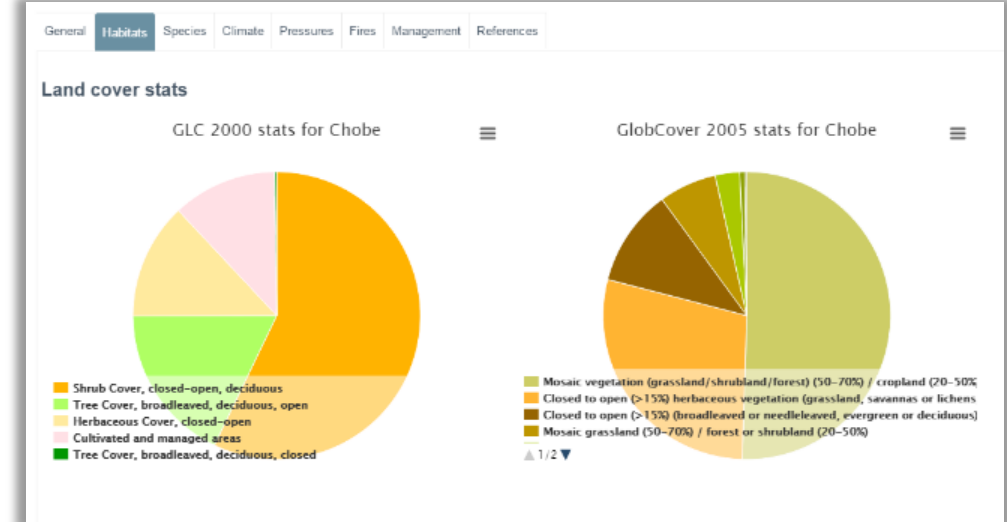
Country: Botswana

This protected area has land cover change information. [Click here to view the data.](#)
 This PA is not marine
[Link to DOPA](#)
[Link to Protected Planet](#)

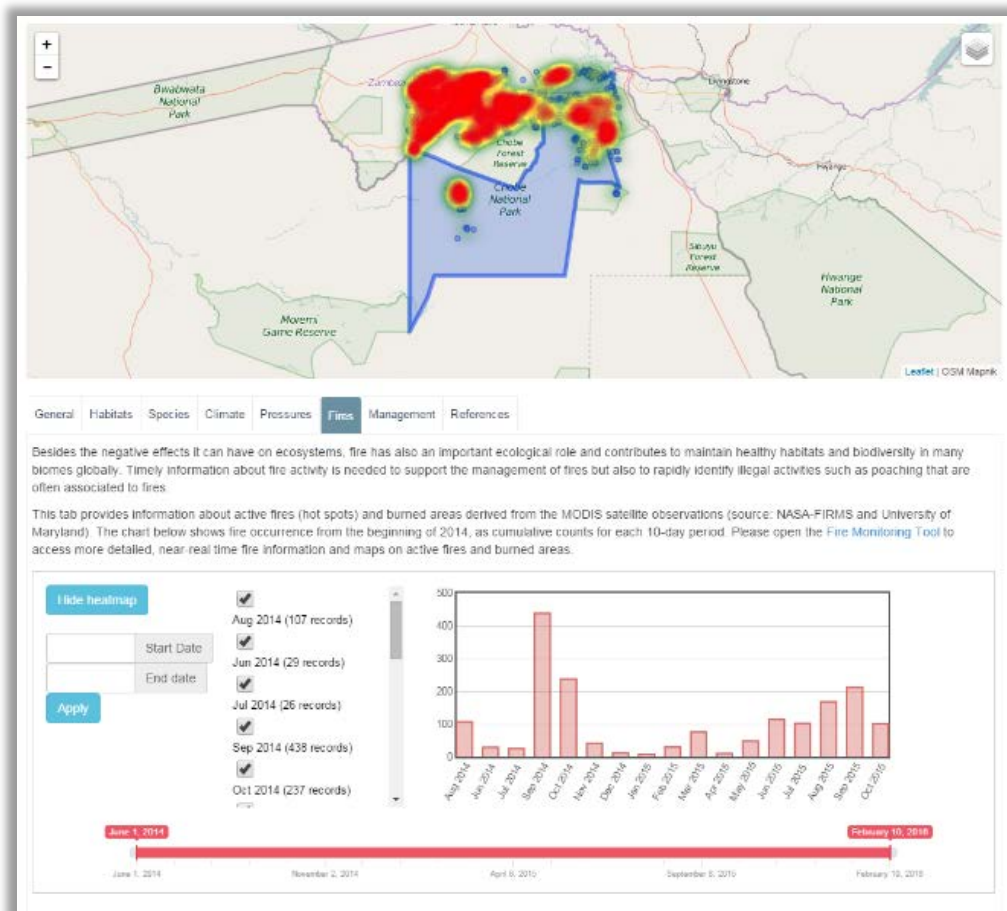
DOPA indicators for Chobe

Source: DOPA

Last updated 10/02/2016



Protected Area – Indicators and real-time data



General Habitats **Species** Climate Pressures Fires Management References

Indicative number of amphibian, bird and mammal species

Class	Total number of species (sum of CR, EN, VU, NT, LC and DD)	Total number of threatened species (sum of CR, EN and VU)	Critically Endangered (CR)	Endangered (EN)	Vulnerable (VU)	Near Threatened (NT)	Least Concern (LC)	Data Deficient (DD)
Amphibia	39	0	0	0	0	0	39	0
Aves	457	10	0	3	7	11	436	0
Mammalia	128	8	1	1	6	5	114	1

Indicative number of marine species in selected taxonomic groups

Class	Total number of species (sum of CR, EN, VU, NT, LC and DD)	Total number of threatened species (sum of CR, EN and VU)	Critically Endangered (CR)	Endangered (EN)	Vulnerable (VU)	Near Threatened (NT)	Least Concern (LC)	Data Deficient (DD)
No marine species data found for this protected area.								

[Mammal species list](#)
[Amphibian species list](#)
[Bird species list](#)

Common name	Status	Taxon	Kingdom	Phylum	Order	Family
	LC	<i>Pternistis adspersus</i>	Animalia	Chordata	Galliformes	Phasianidae
	LC	<i>Ispidina picta</i>	Animalia	Chordata	Coraciiformes	Alcedinidae
	LC	<i>Clanna pomarina</i>	Animalia	Chordata	Accipitriformes	Accipitridae

Protected Area Solutions

The screenshot shows the BIOPAMA website interface. At the top, there is a navigation bar with the BIOPAMA logo, a language dropdown set to 'English', a search bar, and a 'Login/Register' link. Below the navigation bar, a breadcrumb trail reads 'Home » RRIS'. The main heading is 'Explore Protected Area Solutions'. On the right side, there is a 'PANORAMA' section with the tagline 'Inspiring Protected Area Solutions' and a 'Register/Login' dropdown menu. A central search bar is labeled 'Search Solutions' with a 'Go' button. Below the search bar, two featured articles are displayed:

- Establishing Indigenous Community Conserved Areas in the Philippines**
The UNDP supported GEF financed New Conservation Areas in the Philippines project (NewCAPP) has worked with the Government and local and indigenous communities to create new conservation areas as a strategy for expanding coverage of key biodiversity areas in the PA network. The project supported indigenous communities to map, inventory, formally establish and manage Indigenous Community Conserved Areas (ICCAs) in their traditional territories.
Submitted By: Floradema Eleazar
Region: South East Asia
- Mangrove Restoration for Sustainable Fishery in Palk Bay, India**
Palk Bay mangroves support fishers by providing fishes, crabs and shrimps and protection. Our Mangroves degraded by overpopulation, shrimp farms, low freshwater, cattle grazing and fuel wood. To solve this issue, our project has

At the bottom of the page, it says 'Last updated 10/02/2016'.

Land Cover Change – 3 reference decades

Chobe

Choose a color band to change the satellite map imagery.

- Natural Color
- False Color
- Other

Autoscale

Apply


No validated satellite imagery is available for this protected area yet but we do have non-validated data.

Add non-validated data


No validated satellite imagery is available for this protected area yet but we do have non-validated data.

Add non-validated data


1990



2000



2010



RRIS Network – other regional instances

The screenshot shows the BIOPAMA East African Community (EAC) Regional Reference Information System. It features a map of the EAC region with a legend for partner states: Burundi, Kenya, Rwanda, Tanzania, and Uganda. The interface includes a search bar, a language dropdown set to English, and a 'Login/Register' button. Below the map, there are sections for 'ECOLOGICAL CHARACTERISTICS OF PROTECTED AREAS' and 'PROTECTED AREAS AND LIVELIHOODS'.

The screenshot displays the BIOPAMA Intergovernmental Authority on Development (IGAD) Regional Reference Information System. It shows a map of the IGAD region with a legend for partner states: Djibouti, Ethiopia, Kenya, Somalia, South Sudan, Sudan, and Uganda. The interface includes a search bar, a language dropdown set to English, and a 'Login/Register' button. Below the map, there are sections for 'ECOLOGICAL CHARACTERISTICS OF PROTECTED AREAS' and 'PROTECTED AREAS AND LIVELIHOODS'.

The screenshot shows the Caribbean Protected Areas Gateway (CPAG) interface. It features a map of the Caribbean region with a legend for partner states. The interface includes a search bar, a language dropdown set to English, and a 'Login/Register' button. Below the map, there are sections for 'ECOLOGICAL CHARACTERISTICS OF PROTECTED AREAS', 'PROTECTED AREAS AND LIVELIHOODS', and 'PROTECTED AREA MANAGEMENT AND GOVERNANCE'. A statistics bar shows: 939 Protected Areas, 211,002 km², 607 Terrestrial, 205 Terrestrial/Marine, and 131 Marine. The interface also includes a 'Read more' section with three images and logos for partners like giz and BIOPAMA.

The screenshot displays the Pacific Islands Protected Area Portal (PIPAP) interface. It features a map of the Pacific Islands region with a legend for partner states. The interface includes a search bar, a language dropdown set to English, and a 'Join the PIPAP' button. Below the map, there are sections for 'Welcome to the Pacific Islands Protected Area Portal (PIPAP)', 'BIOPAMA Developing Capacity for a Protected Planet', and a 'Read more' section with three images. The interface also includes logos for partners like UN, IUCN, and BIOPAMA.

Thank you

<http://rris.biopama.org>

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