



# Ramsar Information Sheet

Published on 13 August 2015

Update version, previously published on : 1 January 1998

## Ghana

### Keta Lagoon Complex Ramsar Site



Designation date	14 August 1992
Site number	567
Coordinates	05°55'N 00°49'59"E
Area	101 022,69 ha

## Color codes

Fields back-shaded in light blue relate to data and information required only for RIS updates.

Note that some fields concerning aspects of Part 3, the Ecological Character Description of the RIS (tinted in purple), are not expected to be completed as part of a standard RIS, but are included for completeness so as to provide the requested consistency between the RIS and the format of a ' full ' Ecological Character Description, as adopted in Resolution X.15 (2008). If a Contracting Party does have information available that is relevant to these fields (for example from a national format Ecological Character Description) it may, if it wishes to, include information in these additional fields.

## 1 - Summary

**Summary** The Keta Lagoon Complex Ramsar Site consists of a large expanse of open lagoon with brackish water, flood plain, marshland and extensive mangrove stands. The site falls within the coastal savannah ecological zone of Ghana. Grasses dominate this vegetation type with patches of trees and shrubs. Fifteen families of fin fishes comprising 18 genera and 20 species have been recorded in the lagoon. The wetland is also home to several species of rodents, Nile monitor, African/royal python, 3 species of marine turtles, manatees and macro-invertebrates such as crabs, molluscs. The site also supports large numbers of water birds. The site has numerous settlements with fishing (both marine and lagoon), salt mining, vegetable farming, craft making and mangrove exploitation for fuelwood are the main sources of income for the local people.

## 2 - Data & location

### 2.1 - Formal data

#### 2.1.1 - Name and address of the compiler of this RIS

Name Abdul-Kareem Fuseini, (Manager)

Institution/agency Wildlife Division/Forestry Commission

Postal address Keta Lagoon Complex Ramsar Site  
Wildlife Division/Forestry Commission  
P.O. Box KW 115, Keta  
Ghana

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Phone +233 243 168 865

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#### 2.1.2 - Period of collection of data and information used to compile the RIS

From year 1980

To year 1997

#### 2.1.3 - Name of the Ramsar Site

Official name (in English, French or Spanish) Keta Lagoon Complex Ramsar Site

### 2.2 - Site location

## 2.2.1 - Defining the Site boundaries

b) Digital map/image

<1 file(s) uploaded>

Boundaries description (optional)

The Keta Lagoon Complex lies in the far south-east of the country, near the international frontier with Togo. The southern and eastern boundary follows the shoreline of the sea (Gulf of Guinea). The rest of the boundary line follows a catchment boundary and the Volta River.

## 2.2.2 - General location

a) In which large administrative region does the site lie?

Volta Region

b) What is the nearest town or population centre?

Ketu, Keta, South Tongu, Akatsi

## 2.2.3 - For wetlands on national boundaries only

a) Does the wetland extend onto the territory of one or more other countries? Yes  No

b) Is the site adjacent to another designated Ramsar Site on the territory of another Contracting Party? Yes  No

## 2.2.4 - Area of the Site

Official area, in hectares (ha): 101022.69

Area, in hectares (ha) as calculated from GIS boundaries

0

## 2.2.5 - Biogeography

Biogeographic regions

Regionalisation scheme(s)	Biogeographic region
Other scheme (provide name below)	Afro-tropical



















## 3 - Why is the Site important?













### 3.1 - Ramsar Criteria and their justification

- Criterion 6 : >1% waterbird population

## 3.2 - Plant species whose presence relates to the international importance of the site



















Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
Allophylus africanus 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Aloe tenuifolia 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Andropogon gayanus 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Avicennia africana 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Brachiaria mutica 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Ceiba pentandra 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Cocos nucifera 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Ludwigia hyssopifolia 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Mangifera foetida 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Nymphaea lotus 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Paspalum dissectum 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Paspalum scrobiculatum 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Rhizophora mangle 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Sesbania sesban 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Sesuvium portulacastrum 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		
Sporobolus virginicus 		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		

### 3.3 - Animal species whose presence relates to the international importance of the site

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA / AVES	 <i>Ardea cinerea</i>	Grey Heron	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1170	1991	0.11	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Calidris alba</i>	Sanderling	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	580	1991	0.58	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Calidris ferruginea</i>	Curllew Sandpiper	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14810	1991	3.29	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Calidris minuta</i>	Little Stint	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5790	1991	2.75	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Charadrius hiaticula</i>	Common Ringed Plover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2860	1991	1.43	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Charadrius marginatus</i>	White-fronted Plover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	50	1991	0.5	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Charadrius pecuarius</i>	Kittlitz's Plover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	390	1991	1.11	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Chlidonias niger</i>	Black Tern	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1870	1991	0.9	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Egretta garzetta</i>	Little Egret	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3980	1991	1.13		<input type="checkbox"/>	<input type="checkbox"/>		



RIS for Site no. 567, Keta Lagoon Complex Ramsar Site , Ghana

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA / AVES	 <i>Glareola pratincola</i>	Collared Pratincole	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1010	1991	5.31	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Himantopus himantopus</i>	Black-winged Stilt	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12080	1991	1.2	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Pelecanus rufescens</i>	Pink-backed Pelican	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	690	1991	0.92	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Pluvialis squatarola</i>	Grey Plover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1390	1991	0.92	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Recurvirostra avosetta</i>	Pied Avocet	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1560	1991	2.22	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Sternula albifrons</i>	Little Tern	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	810	1991	32.4	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Thalasseus maximus</i>	Royal Tern	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	290	1991	0.58	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Tringa erythropus</i>	Spotted Redshank	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8330	1991	6.9	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA / AVES	 <i>Tringa nebularia</i>	Common Greenshank	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6910	1991	2.22	LC 	<input type="checkbox"/>	<input type="checkbox"/>		
	<i>Tringa stagnatilis</i>																	

The site supports regularly 1% of the biogeographic population of the tern species namely the Whiskered tern (*Chlidonias hybridus*) and the Caspian tern (*Hydroprogne caspia*). Other congregation of waterbirds species such as White-faced tree duck (*Dendrocygna viduata*), Great white egret (*Ardea alba*), Wood sandpiper (*Tringa glareola*), Ringed Plover (*Charadrius hiaticula*), Curlew Sandpiper (*Calidris ferruginea*), Little Stint (*Calidris minuta*) are also supported by the resources of the site.

### 3.4 - Ecological communities whose presence relates to the international importance of the site

<no data available>

Name of ecological community	Community qualifies under Criterion 2?	Description	Justification
Species	<input type="checkbox"/>	Marine turtles, Manatees, Nile monitors, Migratory and resident birds species are found in their numbers in the area	
Habitats	<input type="checkbox"/>	Reed, mangrove swamps, coastline	

## 4 - What is the Site like? (Ecological character description)

### 4.1 - Ecological character

The lagoon is an extensive, brackish water-body situated to the east of the Volta river estuary comprising the open water of the lagoon and the surrounding flood-plains and mangrove swamps. Key species include waterbirds. The lagoon is bordered by numerous settlements and the surrounding flood-plain consists of marsh, scrub, farmland and substantial mangrove stands, which are heavily exploited for fuelwood. Occupational activities include lagoon fishing, salt extraction and crop farming.

### 4.2 - What wetland type(s) are in the site?

#### Marine or coastal wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
F: Estuarine waters				
G: Intertidal mud, sand or salt flats		0		
H: Intertidal marshes		0		
I: Intertidal forested wetlands				
J: Coastal brackish / saline lagoons		1		
K: Coastal freshwater lagoons		0		

#### Inland wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
N: Seasonal/ intermittent/ irregular rivers/ streams/ creeks		0		
Q: Permanent saline/ brackish/ alkaline lakes		0		
R: Seasonal/ intermittent saline/ brackish/ alkaline lakes and flats		0		
Sp: Permanent saline/ brackish/ alkaline marshes/ pools		0		

Human-made wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
2: Ponds		0		
3: Irrigated land		0		
4: Seasonally flooded agricultural land		0		
5: Salt exploitation sites				
9: Canals and drainage channels or ditches		0		

## 4.3 - Biological components

### 4.3.1 - Plant species

Other noteworthy plant species

Scientific name	Common name	Position in range / endemism / other
<i>Adansonia digitata</i>		
<i>Azadirachta indica</i>		
<i>Phoenix reclinata</i>		
<i>Typha domingensis</i>		

### 4.3.2 - Animal species

Other noteworthy animal species

Phylum	Scientific name	Common name	Pop. size	Period of pop. est.	% occurrence	Position in range /endemism/other
CHORDATA/REPTILIA	<i>Chelonia mydas</i>	Green Turtle				
CHORDATA/REPTILIA	<i>Dermochelys coriacea</i>	Leatherback Sea Turtle				
CHORDATA/REPTILIA	<i>Lepidochelys kempii</i>					
CHORDATA/MAMMALIA	<i>Tragelaphus spekii</i>	sitatunga				
CHORDATA/MAMMALIA	<i>Trichechus senegalensis</i>	West African manatee				

## 4.4 - Physical components

### 4.4.1 - Climate

Climatic region	Subregion
A: Tropical humid climate	Aw: Tropical savanna (Winter dry season)

#### 4.4.2 - Geomorphic setting

a) Minimum elevation above sea level (in metres)

a) Maximum elevation above sea level (in metres)

Lower part of river basin

Coastal

#### 4.4.3 - Soil

Mineral

Organic

Are soil types subject to change as a result of changing hydrological conditions (e.g., increased salinity or acidification)? Yes  No

#### 4.4.4 - Water regime

##### Water permanence

Presence?	Changes at RIS update
Usually permanent water present	No change
Usually seasonal, ephemeral or intermittent water present	

##### Source of water that maintains character of the site

Presence?	Predominant water source	Changes at RIS update
Water inputs from rainfall	<input type="checkbox"/>	No change
Water inputs from surface water	<input type="checkbox"/>	No change
Marine water	<input type="checkbox"/>	No change

##### Water destination

Presence?	Changes at RIS update
Marine	No change

Stability of water regime

Presence?	Changes at RIS update
Water levels fluctuating (including tidal)	No change

#### 4.4.5 - Sediment regime

Sediment regime unknown

#### 4.4.6 - Water pH

Alkaline (pH>7.4)

#### 4.4.7 - Water salinity

Fresh (<0.5 g/l)

Mixohaline (brackish)/Mixosaline (0 .5-30 g/l)

Euhaline/Eusaline (30-40 g/l)

Unknown

#### 4.4.8 - Dissolved or suspended nutrients in water

Unknown

#### 4.4.9 - Features of the surrounding area which may affect the Site

Please describe whether, and if so how, the landscape and ecological characteristics in the area surrounding the Ramsar Site differ from the site itself: i) broadly similar  ii) significantly different

Surrounding area has greater urbanisation or development

Surrounding area has higher human population density

Surrounding area has more intensive agricultural use

Surrounding area has significantly different land cover or habitat types

## 4.5 - Ecosystem services

### 4.5.1 - Ecosystem services/benefits

#### Provisioning Services

Ecosystem service	Examples	Importance/Extent/Significance
Food for humans	Sustenance for humans (e.g., fish, molluscs, grains)	High
Fresh water	Drinking water for humans and/or livestock	High
Fresh water	Water for irrigated agriculture	High
Wetland non-food products	Fuel wood/fibre	

#### Regulating Services

Ecosystem service	Examples	Importance/Extent/Significance
Erosion protection	Soil, sediment and nutrient retention	Medium
Pollution control and detoxification	Water purification/waste treatment or dilution	
Climate regulation	Local climate regulation/buffering of change	Medium

#### Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Recreational hunting and fishing	
Spiritual and inspirational	Spiritual and religious values	
Scientific and educational	Educational activities and opportunities	
Scientific and educational	Important knowledge systems, importance for research (scientific reference area or site)	

#### Supporting Services

Ecosystem service	Examples	Importance/Extent/Significance
Biodiversity	Supports a variety of all life forms including plants, animals and microorganisms, the genes they contain, and the ecosystems of which they form a part	Medium

Within the site: 506,980



Have studies or assessments been made of the economic valuation of ecosystem services provided by this Ramsar Site? Yes  No  Unknown

#### 4.5.2 - Social and cultural values

iii) the ecological character of the wetland depends on its interaction with local communities or indigenous peoples

#### 4.6 - Ecological processes

<no data available>

## 5 - How is the Site managed? (Conservation and management)

### 5.1 - Land tenure and responsibilities (Managers)

#### 5.1.1 - Land tenure/ownership

##### Public ownership

Category	Within the Ramsar Site	In the surrounding area
Local authority, municipality, (sub)district, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

##### Private ownership

Category	Within the Ramsar Site	In the surrounding area
Other types of private/individual owner(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

##### Other

Category	Within the Ramsar Site	In the surrounding area
Unspecified mixed ownership	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Commoners/customary rights	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

#### 5.1.2 - Management authority

Please list the local office / offices of any agency or organization responsible for managing the site:

Wildlife Division/(Forestry Commission)  
Keta Lagoon Complex Ramsar Site  
P.O. Box KW 115, Keta, Ghana  
Contact person: Abdul-Kareem Fuseini (Manager)  
Email: yambafuka@yahoo.com

Provide the name and title of the person or people with responsibility for the wetland:

Nana Koffi Adu-Nsiah (Chief Executive Director)

Postal address: P.O. Box KW 115, Keta, Ghana

E-mail address: adunsiah@yahoo.com

### 5.2 - Ecological character threats and responses (Management)

## 5.2.1 - Factors (actual or likely) adversely affecting the Site ' s ecological character

## Human settlements (non agricultural)

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Housing and urban areas	Medium impact	Medium impact	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Commercial and industrial areas	Medium impact		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unspecified development			<input type="checkbox"/>	<input checked="" type="checkbox"/>

## Agriculture and aquaculture

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Marine and freshwater aquaculture	Medium impact		<input checked="" type="checkbox"/>	<input type="checkbox"/>

## Biological resource use

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Hunting and collecting terrestrial animals		Medium impact	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gathering terrestrial plants		Medium impact	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Fishing and harvesting aquatic resources			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## Human intrusions and disturbance

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Recreational and tourism activities		Low impact	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## Natural system modifications

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Vegetation clearance/ land conversion	Medium impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unspecified/others			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## Invasive and other problematic species and genes

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Problematic native species		Medium impact	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## Pollution

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Garbage and solid waste	Medium impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## 5.2.2 - Legal conservation status

### Non-statutory designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Important Bird Area	Keta Lagoon Complex		whole

## 5.2.3 - IUCN protected areas categories (2008)

IV Habitat/Species Management Area: protected area managed mainly for conservation through management intervention

V Protected Landscape/Seascape: protected area managed mainly for landscape/seascape conservation and recreation

## 5.2.4 - Key conservation measures

### Legal protection

Measures	Status
Legal protection	Implemented

### Human Activities

Measures	Status
Communication, education, and participation and awareness activities	Partially implemented
Research	Implemented

## 5.2.5 - Management planning

Is there a site-specific management plan for the site? Yes

Has a management effectiveness assessment been undertaken for the site? Yes  No

If the site is a formal transboundary site as indicated in section Data and location > Site location, are there shared management planning processes with another Contracting Party? Yes  No

Please indicate if a Ramsar centre, other educational or visitor facility, or an educational or visitor programme is associated with the site:

No

### 5.2.6 - Planning for restoration

Is there a site-specific restoration plan? No need identified

### 5.2.7 - Monitoring implemented or proposed

Monitoring	Status
Birds	Implemented

## 6 - Additional material

### 6.1 - Additional reports and documents

#### 6.1.1 - Bibliographical references

- Ameyaw-Ekumfi, C., Attuquayefio, D.K., Amakye, J.S., Dankwa, H.R. and Nyame, S.K. 1998. Ghana National Wetlands Strategy: Wetlands Faunal Diversity Information Study. Coastal Wetland Management Project Report. 66pp.
- Finlayson, C.M., Gordon, C., Ntiamoah-Badu, Y., Tumbulto, J. And Stors, M. 1998. Hydrobiology of the Songor and Keta Lagoons: Implications for Wetland Management in Ghana. Ghana Coastal Wetland Management Project. 135pp.
- Hall, J.B. and Swaine, M.D.(1981). Distribution and Ecology of Vascular plants: In Gordon C. (Ed). Hydrology of the Lower Volta Mangrove Project. Technical Report No. 7. DFID/GWD/EPA. 56pp.
- Ntiamoah-Badu, Y. And Gordon, C. 1991. Coastal Wetland Management Plans of Ghana Report to World Bank. Dept of Zoology, University of Ghana, Accra
- Ryan, J. And Ntiamoah-Badu, Y. (1997). Studies on the Terrestrial Fauna of Coastal Ramsar Sites. Ghana Coastal Wetland Management Project.
- Tuffour,K 1999. Keta Lagoon Complex Ramsar Site Management plan. Ghana Coastal Wetland Management Project. 65pp.
- World Bank (1997) Towards an Integrated Coastal Management Strategy for Ghana. World Bank, Washington & Environmental Protection Agency, Accra. 137pp.

#### 6.1.2 - Additional reports and documents

i. taxonomic lists of plant and animal species occurring in the site (see section 4.3)

<no file available>

ii. a detailed Ecological Character Description (ECD) (in a national format)

<no file available>

iii. a description of the site in a national or regional wetland inventory

<no file available>

iv. relevant Article 3.2 reports

<no file available>

v. site management plan

<2 file(s) uploaded>

vi. other published literature

<no file available>

#### 6.1.3 - Photograph(s) of the Site

Please provide at least one photograph of the site:

RIS for Site no. 567, Keta Lagoon Complex Ramsar Site , Ghana



picture of the site ( Wildlife Division (Forestry Commission), 16-01-2015)



picture of the site ( Wildlife Division (Forestry Commission), 16-01-2015)



picture of the site ( Wildlife Division (Forestry Commission), 16-01-2015)



picture of the site ( Wildlife Division (Forestry Commission), 16-01-2015)

### 6.1.4 - Designation letter and related data

Designation letter

<no file available>

Date of Designation 1992-08-14