

Annotated List of Wetlands of International Importance

South Africa

30 Ramsar Site(s) covering 574,028 ha

Barberspan

Site number: 35 | Country: South Africa | Administrative region: North-West Area: 3,118 ha | Coordinates: 26°35'01"S 25°35'01"E | Designation dates: 12-03-1975 <u>View Site details in RSIS</u>

Barberspan. 12/03/75; Northwest; 3,118 ha; 26°33'S 025°37'E. Provincial Nature Reserve. One of the few permanent, natural water bodies in the highveld. An alkaline, freshwater lake, surrounded by grassland. The lake supports a rich plankton community and ten fish species, and is seasonally important for staging and breeding birds and locally migrant waterbirds. A research station and recreational facilities are located at the site. Ramsar site no. 35. Most recent RIS information: 1998.

Berg Estuary Ramsar Site

Site number: 2,466 | Country: South Africa | Administrative region: Western Cape Area: 1,162.8 ha | Coordinates: 32°51'15"S 18°15'27"E | Designation dates: 01-02-2022 View Site details in RSIS

The Berg River Estuary follows the lower stretch of the River and is one of four perennial estuaries on the west coast of Southern Africa. The Estuary is one of the most important coastal wetlands in South Africa. Fresh water flowing from the estuary and its floodplain mixes with marine water, enabling diverse conditions for various habitats to flourish. Among these is the third-largest saltmarsh on the Cape Coast. The Site's unique vegetation is a valuable natural asset because of its rare plant species which are typical of the wider region, such as waterblommetjie (*Aponogeton distachyos*), soutbos (*Bassia diffusa*), sareegras (*Bolboschoenus maritimus*), ruppia (*Ruppia cirrhosa*) and the vulnerable eelgrass *Zostera capensis*. About 127 species of waterbird have been recorded since 1975, some of which are globally threatened such as the Cape cormorant (*Phalacrocorax capensis*) or regionally threatened such as the Caspian tern (*Hydroprogne caspia*). The Site is also important for fisheries, with communities of fish such as white steenbras (*Lithognathus lithognathus*) and white stumpnose (*Rhabdosargus globiceps*) partially or fully dependent on it for breeding. Despite its value, the Berg River Estuary lacks an official national conservation status. However, there is a management plan which identifies research and monitoring priorities.

Blesbokspruit

Site number: 343 | Country: South Africa | Administrative region: Gauteng Area: 1,858 ha | Coordinates: 26°18'41"S 28°30'13"E | Designation dates: 02-10-1986 <u>View Site details in RSIS</u>

Blesbokspruit. 02/10/86; Gauteng; 1,858 ha; 26°17'S 028°30'E. Added to the Montreux Record, 6 May 1996. Bird Sanctuary, Nature Reserve. One of the few permanent water bodies in the Transvaal region. Formed during the 1930 construction of road and pipeline embankments for the mining industry. Seasonally important for several species of locally migrant waterbirds and various notable mammals. Mining activities take place upstream. The site was placed on the Montreux Record in May 1996 in response to contamination by large quantities of polluted water discharged from adjacent mines. Ramsar site no. 343. Most recent RIS information: 1995.

Bot - Kleinmond Estuarine System

Site number: 2,291 | Country: South Africa | Administrative region: Western Cape Province Area: 1,349.8 ha | Coordinates: 34°20'40"S 19°06'41"E | Designation dates: 31-01-2017 <u>View Site details in RSIS</u>

The Bot-Kleinmond Estuarine System is in the coastal Southern African temperate area, within the Agulhas Bioregion. It consists of an estuarine lake, flanked by deeply weathered Bokkeveld shale terrain and mountains oriented perpendicular to the coastline. The Site is recognized as one of the ten most significant wetlands for waterbirds in South Africa during the dry summer months; 86 species of waterbird have been recorded there. The bird community changes markedly from year to year according to changes in the estuary conditions related to water levels and periodic breaches of the estuary mouth. Overall bird abundance is determined mainly by the presence or absence of red-knobbed coots (Fulica cristata) which can occur in extremely high numbers. The Site is also important as a nursery area for fish, with 41 species from 24 families recorded, of which 19 species are dependent on estuaries to complete their lifecycle. The surrounding communities of Kleinmond, Fisherhaven and Hawston have a close relationship with the Bot River estuary. Many residents and holidaymakers use the estuary for fishing, swimming and boating. Some invasive species (including the red-eyed wattle Acacia cyclops and the African clawed frog Xenopus laevis) have had major impacts.

Dassen Island Nature Reserve

Site number: 2,383 | Country: South Africa | Administrative region: Western Cape Area: 737 ha | Coordinates: 33°25'23"S 18°05'08"E | Designation dates: 29-03-2019 View Site details in RSIS

The Site, lying off the Western Cape Province, is the second-largest coastal island on the South African continental shelf. It is within the Benguela upwelling ecosystem, which lifts cold, nutrient-rich water to the surface. Sandy inner shelf, rocky mid-shelf mosaic, island shore and kelp forest are the main habitat types. Dassen Island is covered by Cape seashore vegetation and a number of cetacean species are found in the surrounding seas. The Site is an Important Bird Area providing habitat for significant numbers of seabird and shorebird species, including 10 of the 15 seabirds endemic to southern Africa, and numerous Palearctic and sub-Antarctic migrants. It provides safe breeding refuge for threatened species such as the African penguin (*Spheniscus demersus*) and Cape cormorant (*Phalacrocorax capensis*) and other coastal birds: it is one of only two breeding sites of the great white pelican in South Africa. The nature reserve supports more than 1% of the population of African coastal breeding population of white-breasted cormorant (*Phalacrocorax lucidus*). Historical guano harvesting and African penguin egg collecting mark the Site, and it features shipwrecks, a lighthouse, and a penguin exclusion wall. A management plan is implemented, as well as conservation measures and monitoring of birds and plant communities including invasive plant species.

De Berg Nature Reserve

Site number: 2,532 | Country: South Africa | Administrative region: Mpumalanga Province of South Africa

Area: 1,265.4 ha | Coordinates: 25°12'42"S 30°08'48"E | Designation dates: 02-02-2024 View Site details in RSIS

The Site is a high-altitude wetland located about 20 kilometres north of Dullstroom along the headwaters of the Dwars River in the Olifants River Basin. The Reserve is made up of different ecosystems types including over 70 wetlands that account for approximately 185 hectares (14.5%) of its surface area. These wetlands consist of rivers running along valley bottoms, marginal sheet rock seep wetlands, permanently saturated peat wetlands (mires), mountain streams, and ten waterfalls; they are some of the most pristine and diverse in the grassland biome of South Africa. The Site supports the Steenkampsberg and Sekhukhune montane grassland communities, which are vulnerable vegetation types endemic to this region. It is a biodiversity hotspot because of its exceptional wealth of species. The water catchment is a Critical Biodiversity Area and a National Freshwater Ecosystem Priority Area for the country. The Reserve is home to various waterbird species, including the African finfoot (*Podica senegalensis*) and grey crowned crane (*Balearica regulorum*), and raptors such as the African marsh harrier (*Circus ranivorus*), African grass owl (*Tyto capensis*) and black harrier (*Circus maurus*). The cliffs of the Site also host a breeding colony of southern bald ibis (*Geronticus calvus*).. The Site is important for regulating groundwater recharge, for water storage, and for flood control during intense rainfall events. It also serves as a laboratory for research.

De Hoop Vlei

Site number: 34 | Country: South Africa | Administrative region: Western Cape Area: 750 ha | Coordinates: 34°27'26"S 20°23'18"E | Designation dates: 12-03-1975 View Site details in RSIS

De Hoop Vlei. 12/03/75; Western Cape; 750 ha; 34°27'S 020°20'E. Provincial Nature Reserve. A coastal lake of seasonally varying levels of water and salinity, formed when dunes blocked the course of the Sout River. Important for numerous species of wintering and staging waterbirds. A major research programme is under way to monitor the impact of the military test range on the ecology of the reserve and surrounding area. The native turtle, common in the 1960s, has since become rare. Ramsar site no. 34. Most recent RIS information: 1998.

De Mond

Site number: 342 | Country: South Africa | Administrative region: Western Cape Area: 918 ha | Coordinates: 34°42'53"S 20°06'34"E | Designation dates: 02-10-1986 View Site details in RSIS

De Mond (Heuningnes Estuary). 02/10/86; Western Cape; 918 ha; 34°43'S 020°07'E. Nature Reserve. Estuary, dune system, and saltmarsh where shifting dunes are isolating the estuary. Important as wintering, staging and feeding area for several species of breeding birds and locally migrant waterbirds. Provides habitat for various reptiles, notable crustaceans, and the sea horse Hippocampus. Ramsar site no. 342. Most recent RIS information: 1998.

Dyer Island Provincial Nature Reserve and Geyser Island Provincial Nature Reserve

Site number: 2,384 | Country: South Africa | Administrative region: Western Cape Area: 288 ha | Coordinates: 34°41'05"S 19°24'59"E | Designation dates: 29-03-2019 View Site details in RSIS

The Site is composed of two islands; the larger of the two, Dyer Island, is the easternmost of a number of seabird islands off the Western Cape Province, while Geyser Island is a rocky outcrop. A sandy channel known as Shark Alley separates them. Located within the Benguela upwelling ecosystem, the surrounding seas are characterized by coastal wind-induced upwelling, which lifts cold, nutrient-rich water to the surface. As an Important Bird Area (IBA), the Site hosts around 48 bird species and it is a breeding area for 21 of them, including globally endangered seabirds such as the African penguin (Spheniscus demersus) and Cape cormorant (Phalacrocorax capensis) which number more than 35,000. The surrounding seas are inhabited by at least 11 shark species including great white shark (Carcharodon carcharias) and dusky ground shark (Carcharhinus obscurus). A further 26 fish species including the endangered galjoen have been recorded, as well as whales and dolphins. The Site also plays a role in flood control, shoreline stabilization and storm protection, and sediment and nutrient retention and export. Dyer Island Nature Reserve has a history that includes guano harvesting, egg collecting and seal harvesting. Despite strict controls and regulatory measures, there is some illegal fishing and harvesting of aquatic resources such as abalone. Recreation and tourism is limited to boatbased activities such as whale watching and shark cage diving. The Site has a management plan and a monitoring programme, which is focused on the threatened seabird species.

False Bay Nature Reserve

Site number: 2,219 | Country: South Africa | Administrative region: Western Cape province of South Africa

Area: 1,542 ha | Coordinates: 34°03'59"S 18°29'53"E | Designation dates: 02-02-2015 View Site details in RSIS

The False Bay Nature Reserve is a unique area on the Cape Flats, situated between False Bay and Table Bay, consisting of about 50% permanent wetland and 49% terrestrial vegetation including the critically endangered Cape Flats Sand Fynbos and Cape Flats Dune Strandveld and some sand beaches. The False Bay Nature Reserve contains two lakes, of which Rondevlei is a protected area reserve while Zeekoevlei is a residential area and a popular yachting, canoeing and wind-surfing venue. Both lakes support large populations of waterbirds including pelicans and flamingoes. Serving as a reservoir of biodiversity, the Site supports important populations of mammals including the hippopotamus (Hippopotamus amphibius), cape clawless otter (Aonyx capensis), water mongoose (Atilax paludinosus), cape grysbok (Raphicerus melanotis), steenbok (Raphicerus campestris), southern African vlei rat (Otomys irroratus), large spotted genet (Genetta tigrina) and small grey mongoose (Galerella pulverulenta). About 256 species of indigenous plants grow on the Site including two endemic plant species currently listed as extinct in the wild, namely Erica turgida and Erica verticillata (Cape Flats erica). The False Bay Nature Reserve is home to over 60% of the bird species in the South-western Cape (228 species) with notable examples including the little stint (Calidris minuta), ruff (Philomachus pugnax), pied avocet (Recurvirostra avosetta), common tern (Sterna hirundo), greater flamingo (Phoenicopterus roseus), and the great white pelican (Pelecanus onocrotalus). In addition to being an important conservation area containing endemic vegetation types and species, the False Bay Nature Reserve offer various recreational services, including fishing, water sports and picnics.

Ingula Nature Reserve

Site number: 2,446 | Country: South Africa | Administrative region: KwaZulu- Natal and Free State Province

Area: 8,084 ha | Coordinates: 28°15'25"S 29°34'18"E | Designation dates: 01-03-2021 View Site details in RSIS

The Ingula Nature Reserve sits along the northernmost part of the Drakensberg mountain range. The Site's two sections straddle the continental watershed, with the upper part in the Wilge River catchment which drains into the Atlantic Ocean and the lower part in the Thukela River catchment which drains into the Indian Ocean. The Reserve lies between 1,260 and 1,900 metres above sea level, and mainly consists of dry grassy plains – which are partly cultivated and irrigated – interspersed with extensive wetlands. It hosts over 300 bird species, of which 24 are threatened including the critically endangered white-winged flufftail (*Sarothrura ayresi*) and the endangered grey crowned crane (*Balearica regulorum*), secretary bird (*Sagittarius serpentarius*) and martial eagle (*Polemaetus bellicosus*). 34 mammal species have been recorded –including 11 carnivores and 10 antelope species – as well as 69 butterflies and 29 reptiles. The rare African weed orchid (*Disa tysonii*) is also present. Fire management, subsistence agriculture and invasive plants are among the key challenges affecting the Site. The Nature Reserve was created in 2003 as a condition of the construction of a pumped storage scheme by the landowner Eskom Holdings SOC Ltd., which manages it in partnership with BirdLife South Africa and the Middelpunt Wetland Trust.

Kgaswane Mountain Reserve

Site number: 2,385 | Country: South Africa | Administrative region: North West Province Area: 4,952.4 ha | Coordinates: 25°43'31"S 27°12'25"E | Designation dates: 29-03-2019 View Site details in RSIS

The Reserve is situated on the summit, eastern slopes and foothills of the Magaliesberg, which is among the oldest mountain ranges in the world. The Ramsar Site is part of the Magaliesberg Biosphere Reserve. It is composed of two distinct geomorphological regions: the high plateaus and the low-lying valleys. The Magaliesberg serves as a catchment for numerous streams; the absence of vegetation cover on the crest and upper slopes increases runoff which flows into cracks and crevices in the underlying rock, only to seep out further down. The Reserve features grassland, shrubland and mixed woodland, with pockets of fynbos. Over 115 tree and bush species have been identified in the Reserve, as well as endemic and threatened plant species such as Frithia pulchra and Aloe peglerae. Around 500 antelopes are found, including mountain reedbuck (Redunca fulvorufula), greater kudu (Tragelaphus strepsiceros) and sable antelope (Hippotragus niger), as well as a few predators such as leopard (Panthera pardus). 320 bird species shelter in the Reserve, including the vulnerable martial eagle (Polemaetus bellicosus). The Site plays an important role in groundwater recharge; it provides fresh water for people and livestock, and local communities also collect water from the Reserve for religious, spiritual and cultural purposes. It is also used for recreation and tourism. Storms, flooding and fire are the main threats. There is no management plan but conservation and restoration measures are implemented as well as monitoring of birds, other animal and plant species, and water quality.

Kosi Bay

Site number: 527 | Country: South Africa | Administrative region: Kwazulu Natal Area: 10,982 ha | Coordinates: 27°01'04"S 32°49'38"E | Designation dates: 28-06-1991 <u>View Site details in RSIS</u>

Kosi Bay. 28/06/91; Kwazulu/Natal; 10,982 ha; 27°01'S 032°48'E. Nature Reserve. Composed of four interconnected lakes subject to tidal influence, an estuarine channel, and three extensive swamps. Fresh water is derived from three permanent rivers. Principal habitats include swamp and mangrove forest, reedbeds, dune systems with associated woodland, and coastal grassland. The site supports a diverse bottom-dwelling invertebrate fauna (30 species) and a rich fish fauna, including eight endangered species. Several birds, mammals, butterflies, and plants are endemic, threatened or endangered. Large areas of swamp forest have been subjected to non-sustainable slash and burn cultivation practices. Human activities include subsistence farming and fishing. Ramsar site no. 527. Most recent RIS information: 1988.

Lake Sibaya

Site number: 528 | Country: South Africa | Administrative region: Kwazulu Natal Area: 7,750 ha | Coordinates: 27°20'57"S 32°40'15"E | Designation dates: 28-06-1991 <u>View Site details in RSIS</u>

Lake Sibaya. 28/06/91; Kwazulu/Natal; 7,750 ha; 27°20'S 032°38'E. The largest natural freshwater lake in South Africa, separated from the ocean by forested dunes; includes areas of swamp forest and wet grassland. A large variety of endangered or endemic species of reptiles, fish, birds, mammals and plants occur. The site is important for numerous species of breeding birds and supports the second largest population of hippopotamus in Kwa Zulu. The lake supports a diverse zooplankton fauna, 15 species of aquatic and 43 species of terrestrial molluscs, as well as flora and fauna unique to South Africa. A research station is located within the site. The lake provides water for Mbazwane and Vasi. Human activities consist of livestock grazing and cultivation. Ramsar site no. 528. Most recent RIS information: 1988.

Langebaan

Site number: 398 | Country: South Africa | Administrative region: Western Cape Area: 6,000 ha | Coordinates: 33°09'09"S 18°04'15"E | Designation dates: 25-04-1988 <u>View Site details in RSIS</u>

Langebaan. 25/04/88; Western Cape; 6,000 ha; 33°06'S 018°01'E. National Park. A large, shallow marine lagoon, includes islands, reedbeds, sand flats, saltmarshes and dwarf shrubland. The lagoon is an important nursery area for a number of fish species and supports a diverse and ecologically important algal and shoreline biota. Important for wintering and staging wading birds, and the numerous breeding birds include the largest colony of gulls in South Africa. Human activities include farming, sheep/cattle rearing, and a small commercial fishery. There are an environmental education centre, bird observation hides, and several nature trails. Plans to construct an industrial facility reached agreement with Ramsar input; a case study is available. Ramsar site no. 398.

Makuleke Wetlands

Site number: 1,687 | Country: South Africa | Administrative region: Limpopo Area: 7,757 ha | Coordinates: 22°23'16"S 31°12'17"E | Designation dates: 22-05-2007 View Site details in RSIS

Makuleke Wetlands. 22/05/07; Limpopo; 7,757 hectares; 22°23'S 031°11'E. National Park. An excellent example of a floodplain vlei type, most of which lies within the Kruger National Park, bordered by Zimbabwe and Mozambique to the north and east. Prominent features include riverine forests, riparian floodplain forests, floodplain grasslands, river channels and flood pans. Flood pans are depressions in the floodplains which are intermittently filled from floods and rains - they are of great importance in this ecosystem as they hold water right into the dry season, thus acting as a refuge point for wildlife and waterbirds during both winter and summer months, and there are 31 of them found on these floodplains, where herds of Hippopotamus (Hippopotamus amphibious) are found. The floodplains attenuate floods, resulting in reduced flood damage in downstream areas of Mozambique, are important for groundwater recharge, and maintain riparian and floodplain vegetation. In the Makuleke Region of the National Park there is an attempt to harmonize biodiversity protection with the interests of rural dwellers through cooperation between the Community Property Association of Makuleke community, South African National Parks Board, and many government departments. The proclamation of the Great Limpopo Transfrontier Park (GLTP) in 2002 through an international treaty between South Africa, Mozambique, and Zimbabwe aims at jointly managing the bordering National Parks and conservation areas, and the Ramsar site will benefit from that protection status. Ramsar site no. 1687. Most recent RIS information: 2007.

Middelpunt Nature Reserve

Site number: 2,501 | Country: South Africa | Administrative region: Mpumalanga Area: 510.3 ha | Coordinates: 25°32'44"S 30°07'43"E | Designation dates: 15-03-2023 View Site details in RSIS

Middelpunt Nature Reserve is located along the headwaters of Lakenvleispruit, a stream in the Olifants River basin, approximately 14 kilometres from the town of Dullstroom in Mpumalanga Province. The Site is a permanent freshwater valley bottom forming part of the broader Lakenvlei wetland system, most of which is located in the Greater Lakenvlei Protected Environment. It is one of South Africa's highest rainfall areas, and the Site supports a variety of plants, animals, and microorganisms and plays a vital role in maintaining the genetic and ecological diversity of the Steenkampsberg Mountain Grasslands. It is the only confirmed breeding site in South Africa of the white-winged flufftail (*Sarothrura ayresi*), a critically endangered waterbird with an estimated global population of fewer than 250 mature individuals. It further supports threatened and endemic birds such as the blue crane (*Anthropoides paradiseus*), secretary bird (*Sagittarius serpentarius*), African grass owl (*Tyto capensis*) and Denham's bustard (*Neotis denhami*). Besides its value for biodiversity, the Site is a source of drinking water for local communities and supports flood control and groundwater recharge and discharge. It is a natural laboratory for scientific and educational research and is used by local communities for spiritual and inspirational purposes. Nonetheless, the area is threatened by energy production and mining activities. The Site benefits from a restoration plan which was being reviewed and updated in 2023.

Natal Drakensberg Park

Site number: 886 | Country: South Africa | Administrative region: Kwazulu Natal Area: 242,813 ha | Coordinates: 29°23'35"S 29°24'29"E | Designation dates: 21-01-1997 View Site details in RSIS

Natal Drakensberg Park. 21/01/97; Kwazulu/Natal; 242,813 ha; 29°30'S 029°45'E. Wilderness Area, Nature Reserve, Game Reserve, Provincial Park, State Forest. Set in an extremely rugged area that includes three altitudinal zones along the border between South Africa and the Kingdom of Lesotho, The Drakensberg is regarded as the most important mountain catchment in South Africa due to its high yield and water quality, supplying rural, agricultural, urban and industrial users downstream. Conserved since the turn of the century, the entire wetland system is in near-pristine state. The three largest rivers in Kwa Zulu-Natal originate here, supporting extensive wetlands of various types within the Afro-alpine and Afromontane belts. The area supports numerous endemic and endangered plant and animal species. Human activities include nature conservation and a variety of outdoor recreation activities. There are a research station and a conservation education center available. The site is renowned for the quantity, quality and variety of prehistoric rock art. Many parts are declared wilderness areas. Ramsar site no. 886. Most recent RIS information: 1996.

Ndumo Game Reserve

Site number: 887 | Country: South Africa | Administrative region: Kwazulu Natal Area: 10,117 ha | Coordinates: 26°52'52"S 32°15'59"E | Designation dates: 21-01-1997 View Site details in RSIS

Ndumo Game Reserve. 21/01/97; Kwazulu/Natal; 10,117 ha; 26°53'S 032°16'E. Nature Reserve. Situated at the junction of the Usuthu and Pongolo floodplain systems, the site forms the largest floodplain system in South Africa, consisting of five wetland types, from fresh to brackish, permanent to ephemeral lakes, marshes and pools, as well as riparian and gallery forest. Well known for its abundant bird life and diversity of species, internationally important numbers of several species are supported, including many that are rare or vulnerable. Human activities include controlled harvesting of reeds and sedges, low-density tourism, an important fishery, illegal black and white rhinoceros hunting, and collecting river water for sale in nearby communities. A large agricultural irrigation scheme is operating erratically south of the reserve in the catchment area. Ramsar site no. 887. Most recent RIS information: 1996.

Ntsikeni Nature Reserve

Site number: 1,904 | Country: South Africa | Administrative region: Province Area: 9,200 ha | Coordinates: 30°07'59"S 29°28'E | Designation dates: 02-02-2010 View Site details in RSIS

Ntsikeni Nature Reserve.02/02/10; KwaZulu/Natal; 9,200 ha; 30°08'S 29°28'E. Nature Reserve. Located in an area rich in wetlands, the site is one of the largest high altitude wetlands in South Africa and has undergone the least ecological change due to the protective measures in place as a Nature Reserve. It is recognised as the second most important breeding site for the Wattled Crane in South Africa and also as significant to the endangered Long-toed Tree Frog (Leptopelis xenodactylus), Oribi (Ourebia ourebi), and other wetland dependent mammals. Because it is a Nature Reserve there are no commercial activities carried out within the site. However the maintenance of its character is under threat from commercial afforestation activities occurring outside of its borders that are a major source of alien invasive species. While there is no management plan in place, there are measures under the Protected Areas Act to ensure that the site continues to play its various roles including provision of clean water to the communities downstream where there is no formally organised supply. Ramsar site no. 1904. Most recent RIS information: 2010.

Nylsvley Nature Reserve

Site number: 952 | Country: South Africa | Administrative region: Northern Province Area: 3,970 ha | Coordinates: 24°38'52"S 28°41'50"E | Designation dates: 07-07-1998 <u>View Site details in RSIS</u>

Nylsvley Nature Reserve. 07/07/98; Northern Province; 3,970 ha; 24°39'S 028°42'E. Nature reserve. The nature reserve has riverine floodplains, flooded river basins, and seasonally flooded grassland, with the dominant wetland type being a seasonal river associated with a grassland floodplain. The wetland has the endangered roan antelope Hippotragus equis, and the area serves as a breeding ground for eight South African red-listed waterbirds and is the only site in South Africa which is a recorded locality for wild rice, Oryza longistaminata. The area is open to tourists, who usually come for birdwatching, and volunteers work in the area to help clear alien invasive plant species and build bird hides. Ramsar site no. 952. Most recent RIS information: 1997.

Orange River Mouth

Site number: 526 | Country: South Africa | Administrative region: Northern Cape Area: 2,000 ha | Coordinates: 28°35'59"S 16°28'28"E | Designation dates: 28-06-1991 View Site details in RSIS

Orange River Mouth. 28/06/91; Northern Cape; 2,000 ha; 28°40'S 016°30'E. Added to the Montreux Record, 26 September 1995. Transboundary area of extensive saltmarshes, freshwater lagoons and marshes, sand banks, and reedbeds shared by South Africa and Namibia. Important for resident birds and for staging locally migrant waterbirds. The upper Orange River serves as a domestic water source and is experiencing increasing demand. This could severely restrict the amount of water reaching the site. Following the collapse of the saltmarsh component of the estuary, the site was placed on the Montreux Record in 1995. The rapid degradation was the result of adjacent diamond mining activities and flow regulation of the Orange River as a result of dam construction. Ramsar site no. 526. Most recent RIS information: 1990.

Prince Edward Islands

Site number: 1,688 | Country: South Africa | Administrative region: Western Cape Province Area: 37,500 ha | Coordinates: 46°52'11"S 37°46'03"E | Designation dates: 22-05-2007 <u>View Site details in RSIS</u>

Prince Edward Islands. 22/05/07; Western Cape; 37,500 ha; 46°46'S 037°51'E. Includes the larger Marion Island (46°54'S 037°45'E) and the smaller Prince Edward Island (46°38'S 037°57'E), which are classified as sub-Antarctic and are of volcanic origin. They are protected natural habitats and do not support any consumptive or exploitative activities. The three main terrestrial habitats are unvegetated uplands, welldrained vegetated slopes, and poorly-drained vegetated coastal plains. Significant wetland formations include non-forested peat lands (swamps and bogs), intermittent streams, waterfalls, freshwater ponds, crater lakes, rocky marine shores, kelp beds, sea cliffs and sand shores. The islands host numerous breeding seabirds like the vulnerable Wandering Albatrosses (Diomedea exulans) and White-chinned Petrel (Procellaria aequinoctialis) and the endangered Sooty Albatross (Phoebetria fusca) and Yellownosed Albatross (Thalassarche carteri). Three penguin species breed and moult on the rocky areas around the coastline; the King Penguin (Aptenodytes patagonicus), Macaroni Penguin (Eudyptes chrysolophus) and Eastern Rockhopper Penguin (E. c. filholi). Commercial tourism and fishing within territorial waters are prohibited. The principal activities on these islands since their annexation by South Africa in 1947 and 1948 include meteorological observations, scientific research, logistic support for research and conservation and management activities. Illegal, unreported and unregulated fishing for Patagonian Toothfish in the surrounding waters caused reduction in fish stock and high levels of incidental mortality of seabirds. This has declined in recent years, however. Ramsar site no. 1688. Most recent RIS information: 2007.

Seekoeivlei Nature Reserve

Site number: 888 | Country: South Africa | Administrative region: Free State Area: 4,754 ha | Coordinates: 27°35'35"S 29°35'26"E | Designation dates: 21-01-1997 <u>View Site details in RSIS</u>

Seekoeivlei Nature Reserve. 21/01/97; Free State; 4,754 ha; 27°34'S 029°35'E. Nature Reserve. The largest inland wetland in the Highveld. It has high conservation priority, as it provides water to the highly industrialized and densely populated Gauteng Province. It is a world-renowned sanctuary rich in birdlife and supporting several species of rare or endangered birds and mammals. The site consists of seasonal freshwater lakes, riverine floodplain, seasonally flooded grasslands, marshes and pools, and peatlands. Human activities include tourism and livestock grazing. Ramsar site no. 888. Most recent RIS information: 1996.

St. Lucia System

Site number: 345 | Country: South Africa | Administrative region: Kwazulu Natal Area: 155,500 ha | Coordinates: 27°55'29"S 32°29'45"E | Designation dates: 02-10-1986 View Site details in RSIS

St. Lucia System. 02/10/86; Kwazulu/Natal; 155,500 ha; 28°04'S 032°28'E. Added to the Montreux Record, 4 July 1990, removed from the Record, 11 March 1996. Wetland Park, State Forest Reserve. Coastal wetlands system associated with Lake St. Lucia and consisting of several principal habitat types. Supports the largest estuarine prawn nursery area in South Africa. An important migratory bird staging area, feeding ground for flamingos, and spawning and nursery area for many of the 82 species of fish supported. It is also a breeding area for crocodiles. Large mammals include hippopotamus and black rhino. Human activities have included cattle grazing, slash and burn cultivation, and the planting of Pinus elliottii. The site is an important recreational area offering many facilities and activities. The site was threatened by large-scale mining for heavy metals but spared. Subject of a Ramsar Advisory Mission in 1992. A case study is available. Ramsar site no. 345. Most recent RIS information: 1998.

Turtle Beaches/Coral Reefs of Tongaland

Site number: 344 | Country: South Africa | Administrative region: Kwazulu Natal Area: 39,500 ha | Coordinates: 27°29'37"S 32°44'06"E | Designation dates: 02-10-1986 <u>View Site details in RSIS</u>

Turtle Beaches/Coral Reefs of Tongaland. 02/10/86; Kwazulu/Natal; 39,500 ha; 27°30'S 032°40'E. Marine Reserve. An important transition zone between true reef and non-limestone substrates with reef communities. Known to support 16 species of coral, 1,200 species of fish, five species of marine turtles, 41 species of marine mammal, and 49 species of bird. The flora is predominantly algal, and many species reach the southern limit of their distribution. General water recreation is a popular activity. Ramsar site no. 344. Most recent RIS information: 1984.

uMgeni Vlei Nature Reserve

Site number: 2,132 | Country: South Africa | Administrative region: KwaZulu-Natal Area: 958 ha | Coordinates: 29°29'34"S 29°49'42"E | Designation dates: 19-03-2013 View Site details in RSIS

uMgeni Vlei Nature Reserve. 19/03/2013; KwaZulu-Natal; 958 ha; 29°29'34"S 029°49'43"E. Nature Reserve; BirdLife IBA. Permanent freshwater marshes and pools consisting mainly of grasslands and a few small areas of scrubby woodland. Located at about 1,840m asl in the Drakensberg Alpine Centre biodiversity hotspot, the site contains endemic and nationally threatened plant species including Merwilla natalensis and the KwaZulu-Natal endemic Kniphofia brachystachya and Kniphofia breviflora. It is a key representative remnant of the natural wetlands in the Highland Sourveld bioregion and noted to be an important breeding ground for several waterbirds including the IUCN Red-Listed Blue Crane Anthropoides paradiseus, Crowned Crane Balearica regulorum, and Wattled Crane Bugeranus carunculatus (2-3 breeding pairs present, representing over 2-3 % of the South African breeding Population). The site and its surrounding area are threatened by the invasive American bramble Rubus cuneifolius. Ramsar site no. 2132. Most recent RIS information: 2013

Verloren Valei Nature Reserve

Site number: 1,110 | Country: South Africa | Administrative region: Mpumalanga Province Area: 5,891 ha | Coordinates: 25°18'47"S 30°06'41"E | Designation dates: 16-10-2001 <u>View Site details in RSIS</u>

Verloren Valei Nature Reserve. 16/10/01; Mpumalanga; 5,891 ha; 25°17'S 030°09'E. Nature Reserve. A provincial protected area above 2000m altitude comprising more than 30 wetlands (14% of the site's area), ranging between 2 and 250 hectares, primarily permanent freshwater marshes, with the emergent vegetation waterlogged for most of the season. The area is especially important hydrologically because it acts as a sponge in the upper catchment of important river systems for both South Africa and Mozambique, ensuring gradual release to more populous downstream regions during rainy periods. It supports high botanical diversity and is one of the last areas with suitable Wattled Crane Bugeranus carunculata breeding habitat. A variety of wetland types characteristic of the region is represented, and a significant number of vulnerable and threatened plant, butterfly, and mammal species are supported. Population density in the area is low, but farming and grazing occur in the surrounding areas. A management plan, including controlled burning, is in place, employing local people. Small-scale avi-tourism occurs and guided tours are planned. No urgent threats are foreseen, though introduced exotic plant species are being watched carefully. Ramsar site no. 1110.Most recent RIS information: 2000.

Verlorenvlei

Site number: 525 | Country: South Africa | Administrative region: Western Cape Area: 1,500 ha | Coordinates: 32°20'37"S 18°25'13"E | Designation dates: 28-06-1991 View Site details in RSIS

Verlorenvlei. 28/06/91; Western Cape; 1,500 ha; 32°24'S 018°26'E. One of the largest lakes (and one of the country's few coastal freshwater lakes), with associated scrub, shrubland, dune systems, marshland and reedbeds representing a transition zone between two plant communities. The site is an important feeding area for rare pelicans and fish, for molting and breeding birds, as well as for staging wading birds. During dry periods, large numbers of flamingos gather. The site also supports notable plant species. Water is pumped for irrigation purposes, and the marshland is used for cattle grazing. Ramsar site no. 525. Most recent RIS information: 1990.

Wilderness Lakes

Site number: 524 | Country: South Africa | Administrative region: Western Cape Area: 1,300 ha | Coordinates: 33°59'25"S 22°40'41"E | Designation dates: 28-06-1991 <u>View Site details in RSIS</u>

Wilderness Lakes. 28/06/91; Western Cape; 1,300 ha; 33°59'S 022°39'E. National Park, Wilderness Area, Nature Reserve. A series of three permanent, interconnected coastal lakes linked to the Indian Ocean; includes a dune system with associated thickets, woodlands, marshes, and reedbeds. Important numbers of locally-migrant resident birds as well as staging and breeding birds use the site, which supports 285 native plant species, 32 fish species (several of which use the site as a nursery area), and a diverse marine invertebrate fauna. The lakes provide a major form of flood control. Ramsar site no. 524. Most recent RIS information: 1990.