

Annexure 5 - Estuary importance scores for all South African estuaries

The overall importance score (I) is calculated from the size score (S), habitat importance score (H), zonal type rarity score (Z) and the updated biodiversity importance score (B). Estuaries are listed from west to east (Turpie and Clark 2007¹). All scores are presented on a scale of 0 (totally unimportant) to 100 (critically important).

ESTUARY	S	H	Z	B	I
Orange (Gariep)	100	100	90	98.0	98.5
Olifants	100	100	90	96.5	98.1
Verlorenvlei	70	70	60	81.5	71.9
Berg (Groot)	100	100	90	97.5	98.4
Rietvlei/Diep	100	10	60	96.0	72.5
Houtbaai	10	50	90	42.5	36.1
Wildevölvlei	80	90	60	86.0	82.0
Bokramspruit	10	10	60	29.5	19.9
Schuster	10	10	60	10.0	15.0
Krom	10	10	60	68.5	29.6
Silvermine	30	50	10	63.5	41.4
Sand	90	70	10	91.5	77.4
Eerste	40	40	10	64.5	43.1
Lourens	30	30	10	51.5	33.4
Sir Lowry's Pass	20	20	10	63.5	29.9
Steenbras	20	10	20	17.5	16.9
Rooiels	40	40	10	65.0	43.3
Buffels (Oos)	50	30	10	73.5	46.9
Palmiet	70	60	20	71.0	62.8
Bot/Kleinmond	100	100	70	98.5	96.6

ESTUARY	S	H	Z	B	I
Onrus	70	60	10	59.5	58.9
Klein	100	100	70	100.0	97.0
Uilskraals	80	90	10	82.0	76.0
Ratel	40	10	10	52.0	32.5
Heuningnes	90	90	20	90.5	83.1
Klipdrifsfontein	10	10	10	43.5	18.4
Breë	100	90	20	89.0	86.8
Duiwenhoks	100	90	20	76.5	83.6
Goukou (Kaffirkuils)	90	90	20	79.0	80.3
Gourits	90	60	20	88.0	75.0
Blinde	10	10	10	77.5	26.9
Hartenbos	70	60	10	86.5	65.6
Klein Brak	80	10	10	69.0	52.8
Groot Brak	90	80	10	79.5	76.9
Maalgate	50	10	10	57.5	37.9
Gwaing	10	10	10	11.5	10.4
Kaaimans	30	10	20	45.5	27.9
Wilderness	90	70	70	88.0	82.5
Swartvlei	100	100	70	99.5	96.9
Goukamma	100	40	10	83.0	71.8
Knysna	100	100	100	100.0	100.0
Noetsie	30	10	10	51.0	28.3
Piesang	80	80	10	72.5	71.1
Keurbooms	100	90	20	95.0	88.3
Matjies/Bitou	10	10	10	70.0	25.0
Sout (Oos)	70	50	20	67.5	59.4
Groot (Wes)	70	50	10	83.5	62.4
Bloukrans	70	10	50	63.5	51.4
Lottering	50	10	50	25.5	33.9
Elandsbos	30	10	50	18.5	24.1
Storms	60	10	50	11.5	34.4

¹ Turpie, JK & Clark BM. 2007. *The health status, conservation importance, and economic value of temperate South African estuaries and development of a regional conservation plan*. Report to Cape Nature by Anchor Environmental Consultants. Report No. AEC2007/05.

ESTUARY	S	H	Z	B	I
Elands	10	10	50	11.5	14.4
Groot (Oos)	10	10	50	11.5	14.4
Tsitsikamma	10	20	10	45.5	21.4
Klipdrif	10	10	10	50.5	20.1
Slang	10	0	10	11.5	7.9
Kromme	100	90	20	95.5	88.4
Seekoei	90	80	10	82.5	77.6
Kabeljous	90	80	10	84.5	78.1
Gamtoos	100	100	20	98.5	91.6
Van Stadens	60	30	10	58.0	47.0
Maitland	10	70	10	58.0	37.0
Swartkops	100	100	20	100.0	92.0
Coega (Ngcura)	40	40	10	76.5	46.1
Sundays	90	70	20	89.0	77.8
Boknes	60	50	10	72.0	55.5
Bushmans	100	60	20	84.5	78.1
Kariega	90	80	20	97.0	82.3
Kasuka	70	70	10	58.0	61.0
Kowie	90	80	20	88.5	80.1
Rufane	10	10	10	57.5	21.9
Riet	80	80	10	74.5	71.6
Kleinemonnd Wes	80	90	10	71.0	73.3
Kleinemonnd Oos	70	90	10	84.0	72.5
Klein Palmiet	10	0	10	12.0	8.0
Great Fish	100	100	20	98.0	91.5
Old woman's	60	50	10	76.0	56.5
Mpekweni	90	100	10	92.0	85.0
Mtati	90	100	10	83.0	82.8
Mgwalana	90	100	10	79.0	81.8
Bira	80	70	10	84.0	71.5
Gqutywa	70	70	10	62.0	62.0

ESTUARY	S	H	Z	B	I
Blue Krans	20	30	10	61.0	31.8
Mtana	50	70	10	62.5	54.1
Keiskamma	100	100	20	97.0	91.3
Ngqinisa	50	60	10	56.0	50.0
Kiwane	60	70	10	53.0	55.8
Tyolomnqa	80	60	10	81.0	68.3
Shelbertsstroom	10	0	10	25.0	11.3
Lilyvale	20	10	10	19.0	16.3
Ross' Creek	10	0	10	25.0	11.3
Ncera	60	50	10	50.0	50.0
Mlele	20	10	10	19.0	16.3
Mcantsi	40	20	10	32.0	30.0
Gxulu	70	50	10	71.5	59.4
Goda	50	30	10	56.0	42.5
Hlozi	10	10	10	39.5	17.4
Hickman's	30	10	10	33.5	23.9
Buffalo	80	40	20	64.0	60.0
Blind	10	10	10	75.0	26.3
Hlaze	10	10	10	31.5	15.4
Nahoon	80	60	20	87.5	70.9
Qinira	80	70	10	67.5	67.4
Gqunube	70	50	20	77.0	61.8
Kwelera	70	60	20	78.0	64.5
Bulura	70	50	10	57.5	55.9
Cunge	10	10	10	18.5	12.1
Cintsa	70	50	10	64.5	57.6
Cefane	80	80	10	60.0	68.0
Kwenxura	70	50	10	72.5	59.6
Nyara	50	40	10	48.0	43.0
Haga-haga	20	20	10	25.5	20.4
Mtendwe	40	40	10	19.0	31.8

ESTUARY	S	H	Z	B	I
Quko	70	40	10	66.5	55.6
Morgan	60	30	10	58.0	47.0
Cwili	10	10	10	25.0	13.8
Great Kei	100	70	20	83.0	80.3
Gxara	60	40	10	49.5	47.4
Ngogwane	40	30	10	54.0	38.0
Qolora	60	90	10	64.0	63.5
Ncizele	30	10	10	60.5	30.6
Kobonqaba	60	50	20	57.5	52.9
Nxaxo/Ngqusi	90	80	10	87.5	78.9
Cebe	50	40	10	57.0	45.3
Gqunqe	60	40	10	53.0	48.3
Zalu	40	20	10	43.0	32.8
Ngqwara	60	40	10	46.5	46.6
Sihlontlweni/Gcini	40	20	10	52.5	35.1
Qora	80	70	20	82.5	72.1
Jujura	30	10	10	55.5	29.4
Ngadla	50	30	10	43.0	39.3
Shixini	60	40	20	64.0	52.0
Nqabara	90	70	20	40.0	65.5
Ngoma/Kobule	40	40	10	19.0	31.8
Mendu	60	40	10	39.0	44.8
Mbashe	90	90	30	86.0	83.0
Ku-Mpenzu	50	60	10	43.5	46.9
Ku-Bhula/Mbhanyana	30	70	10	49.5	42.9
Ntlonyane	70	50	10	56.0	55.5
Nkanya	50	50	10	50.0	46.0
Xora	90	80	30	82.5	79.6
Bulungula	60	40	10	55.5	48.9
Ku-amanzimuzama	20	20	10	24.0	20.0

ESTUARY	S	H	Z	B	I
Mncwasa	60	20	10	66.5	46.6
Mpako	50	30	10	24.5	34.6
Nenga	40	30	10	56.0	38.5
Mapuzi	50	30	10	48.5	40.6
Mtata	90	90	30	73.0	79.8
Mdumbi	80	60	30	72.5	68.1
Lwandilana	40	20	10	30.5	29.6
Lwandile	60	40	10	71.5	52.9
Mtakatye	90	70	30	56.0	70.5
Hluleka/Majusini	50	30	10	24.5	34.6
Mnenu	80	60	10	44.0	59.0
Mtonga	70	50	10	52.5	54.6
Mpande	50	30	10	49.5	40.9
Sinangwana	50	30	10	42.0	39.0
Mngazana	100	100	30	92.5	91.1
Mngazi	50	20	10	76.0	45.0
Bululo	50	30	10	60.0	43.5
Mtambane	40	20	10	41.5	32.4
Mzimvubu	90	90	30	73.0	79.8
Ntlupeni	30	10	10	54.0	29.0
Nkodusweni	70	40	10	49.5	51.4
Mntafufu	60	70	30	77.0	63.8
Mzintlava	60	50	30	50.5	52.1
Mzimpunzi	30	20	10	51.0	30.8
Mbotyi	70	70	10	80.0	66.5
Mkozi	30	30	10	73.0	38.8
Myekane	20	10	10	26.5	18.1
Lupatana	20	40	10	54.0	32.5
Mkweni	30	60	10	59.5	42.9
Msikaba	50	50	30	76.5	54.6
Mgwegwe	40	80	10	73.0	55.3

ESTUARY	S	H	Z	B	I
Mgwetyana	20	10	10	64.5	27.6
Mtentu	70	80	30	89.0	73.3
Sikombe	40	50	10	46.5	41.1
Kwanyana	30	10	10	57.5	29.9
Mnyameni	60	40	30	57.5	51.4
Mpahlanyana	20	10	10	54.0	25.0
Mpahlane	30	10	10	55.5	29.4
Mzamba	80	80	30	90.0	77.5
Mtentwana	40	20	10	65.5	38.4
Mtamvuna	80	50	10	83.0	66.3
Zolwane	10	20	10	24.5	16.1
Sandlundlu	30	40	10	55.5	36.9
Ku-boboyi	10	20	10	37.5	19.4
Tongazi	10	70	10	63.0	38.3
Kandandhlovu	20	20	10	34.5	22.6
Mpenjati	40	50	10	73.5	47.9
Umhlangankulu	40	80	10	49.5	49.4
Kaba	20	40	10	25.0	25.3
Mbizana	40	70	10	80.0	54.5
Mvutshini	10	20	10	10.0	12.5
Bilanhlole	20	60	10	76.5	43.1
Uvuzana	10	20	10	23.0	15.8
Kongweni	10	40	10	48.5	27.1
Vungu	10	30	10	39.0	22.3
Mhlangeni	20	40	10	59.0	33.8
Zotsha	30	80	10	55.5	46.9
Boboyi	10	40	10	45.5	26.4
Mbango	10	60	10	31.0	27.8
Mzimkulu	80	100	30	76.0	79.0
Mtentweni	30	80	10	30.5	40.6
Mhlangamkulu	30	10	10	17.0	19.8

ESTUARY	S	H	Z	B	I
Damba	20	90	10	25.0	37.8
Koshwana	10	80	10	24.5	31.1
Intshambili	20	80	10	26.0	35.5
Mzumbe	50	50	10	53.5	46.9
Mhlabatshane	20	90	10	26.5	38.1
Mhlungwa	20	60	10	47.5	35.9
Mfazazana	20	80	10	57.5	43.4
Kwa-Makosi	20	90	10	39.5	41.4
Mnamfu	10	80	10	10.0	27.5
Mtwalume	60	50	10	64.0	53.5
Mvuzi	10	50	10	29.5	24.9
Fafa	70	80	10	63.0	64.8
Mdesingane	10	30	10	29.5	19.9
Sezela	40	50	10	76.5	48.6
Mkumbane	10	40	10	50.5	27.6
Mzinto	30	80	10	64.0	49.0
Mzimayi	10	40	10	24.5	21.1
Mpambanyoni	20	50	10	49.0	33.8
Mahlongwa	30	40	10	44.0	34.0
Mahlongwana	30	80	10	48.0	45.0
Mkomazi	80	60	30	91.5	72.9
Ngane	10	40	10	67.0	31.8
Umgababa	50	60	10	63.0	51.8
Msimbazi	50	50	10	84.5	54.6
Lovu	40	80	10	78.0	56.5
Little Manzimtoti	10	80	10	37.5	34.4
Manzimtoti	30	70	10	84.0	51.5
Mbokodweni	30	40	10	72.0	41.0
Sipingo	30	100	10	63.5	53.9
Durban Bay	90	100	80	92.5	92.1
Mgeni	70	90	10	86.5	73.1

ESTUARY	S	H	Z	B	I
Mhlanga	80	70	10	79.0	70.3
Mdloti	80	90	10	69.0	72.8
Tongati	70	80	10	54.5	62.6
Mhlali	60	90	10	80.0	67.5
Seteni	10	80	10	37.5	34.4
Mvoti	60	30	70	80.5	58.6
Mdlotane	60	90	10	65.0	63.8
Nonoti	60	60	10	74.5	58.6
Zinkwasi	80	90	10	80.0	75.5
Tugela/Thukela	80	50	70	71.0	69.3
Matigulu/Nyoni	90	70	30	89.0	78.8
Siyaya	30	60	10	47.0	39.8
Mlalazi	90	90	30	95.5	85.4
Mhlathuze	100	100	80	53.5	86.4
Richard's Bay	100	0	80	85.0	69.3
Nhlabane	50	50	70	86.0	61.0
Mfolozi	90	100	70	93.5	91.4
St Lucia	100	100	70	98.5	96.6
Mgobezeleni	10	80	70	37.0	40.3
Kosi	100	100	70	100.0	97.0