

'Ukwenziwa

kwezigqibo

ngobuchule

nokunikezelwa

kweenkonzo

okuphuculweyo

kusetyenziswa

ulawulo lolwazi'

IINKUKACHA ZOQHAGAMSHELWANO

ISEBE ELIJONGENE NOBUCHULE KUPHULISO LOLWAZI NE-GIS

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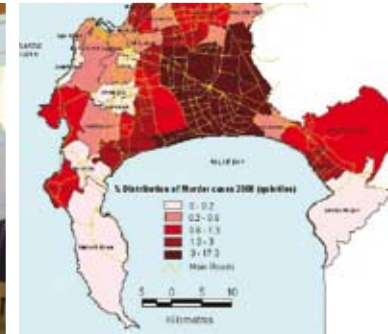
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<http://www.capetown.gov.za>



Isebe elijongene nobuchule kuPhuhliso loLwazi ne-GIS



CITY OF CAPE TOWN | ISIXEKO SASEKAPA | STAD KAAPSTAD

ESI SIXEKO SISEBENZELA WENA



UMNQOPHISO WETHU

Umnqophiso wethu kukuba ngabona banikezeli ngeenkono zolwazi baphambili nababelana ngolwazi ngenjongo yokuncedisa ubuchule bocwangciso nokuthathwa kwezigqibo kwiSixeko. Lo mnqophiso usekelwe kwinkolo eqinisekisa ulwazi njengolona phawu luphambili kwinkqubo esebenzayo yokwenziwa kwezigqibo.

IINJONGO ZETHU

ISixeko saseKapa simele ukujongana neentlobo ezininzi zeemfuno zophuhliso sisebenzisa imithombo elinganiselweyo. Ukuqinisekisa ukuba le mithombo isetyenziswa ngobuchule, kufuneka ucwangciso lophuhliso olufanelekileyo nokwenziwa kwezigqibo ezisekelwe kulwazi neenkukacha ezichanekileyo. Injongo yeSebe elijongene noBuchule kuPhuhliso loLwazi ne-GIS kukuxhasa ukusetyenziswa kolwazi ekubeni negalelo kuphuhliso lwexesha elizayo leKapa. Sizimisele ukuphumelela oku sisebenzisa:

- Ukuphuhlisa iinkqubo zokuphucula ukwabelana ngolwazi nangeenkukacha kumbutho ngokubanzi.
- Ukwabelana ngemisebenzi yala maxesha negqwesileyo
- Ukwenza uphando, uphicotho olufanelekileyo nokutolikwa kolwazi.

ISEBE LETHU

ISebe lethu linamaseyana amane - onke alungiselelwe ukuxhasa umsebenzi wabaxumi bethu nokuxhobisa inkqubo yonikezelo ngeenkono yeSixeko.

IQumrhu le-GIS

Eli sebe libonelela ngenkonzo ehlanganisiweyo yobuNzululwazi boLwazi ngezelizwe kwiSixeko. I-GIS siSixhobo esinamandla kucwangciso lolawulo lwengingqi njengoko uninzi lolwazi lunophawu 'lomhlaba' okanye lwelizwe. Iinkonzo neemveliso ziquka:

- Ulwazi nophicotho lwezemihlaba
- Ukucandwa komhlaba nokufota usemoyeni
- Ubungcali be-GIS GPS (inkqubo yokubekwa ngokwelizwe)
- Ukubhalwa nokugcinwa kweenkcukacha kuvimba wolwazi lwemihlaba nokugcinwa
- Ukuzotywa kwimephu
- Ukubhalwa kweenkcukacha zosetyenziso-mhlaba

Ulwazi lwezoCwangciso

Iinkonzo neemveliso ziquka:

- Ukunikezela ngolwazi, uphando, umgaqo-nkqubo nenkxaso yokucandwa komhlaba kwiinqubo zocwangciso nezophuhliso lwedolophu kwiSixeko.
- Ukubek'esweni umthetho wesizwe nomgaqo-nkqubo.
- Ukuphuhlisa izathisi, ukuqulunqa iinkukacha zezentlalo nezooqoqosho namanani abazelweyo nababhubhileyo.

ISicwangciso soLwazi

Iinkonzo neemveliso ziquka:

- Uphuhliso, ukumiselwa nokubek'iliso kwesicwangciso-qhinga solawulo oluhlanganisiweyo lolwazi neenkukacha zesixeko siphela, umgaqo-nkqubo nescwangciso-qhinga.
- Ucwangciso nophuhliso lweenkqubo zoququzelelo lolwazi lweziko nokwabelana ngolwazi.
- Ubonelelo ngenkqubo yobungcali yesicwangciso-qhinga solawulo oluhlanganisiweyo lolwazi neenkukacha zesixeko, umgaqo-nkqubo nescwangciso kuxhaswa amaphulo olwazi neenkukacha zesebe.

Imithombo yoLwazi neNkxaso

Iinkonzo neemveliso ziquka:

- Ukusekwa nokulawulwa kweZiko elinye elibalulekileyo leMithombo yoLwazi neNkcukacha lesixeko.
- Inkxaso nophuhliso lwesebe.

