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Revitalizacija parkov in odprtih prostorov v središču Johannesburga

Kljub procesu »vračanja v mestno središče«, značilnem za določene otoke v središču Johannesburga, nekateri opazovalci preučevano območje še vedno dojemajo kot propadajoče in ga povezujejo s kriminalom. Čeprav so parki in odprti prostori v Johannesburgu zadnja desetletja propadali, se zdaj obnavljajo. V članku avtorja preučujeta velikost odprtih prostorov in parkov, dostopnih prebivalcem mestnega središča, in kako prijazni so ti uporabnikom. Poleg tega ocenjujeta njihovo trenutno stanje ter raven in učinkovitost razpoložljivih vzdrževalnih storitev. Avtorja preučujeta tudi strategije prenove, ki jih je uvedla mestna občina Johannesburg, na njihovi podlagi pa tudi posebna določila, ki jih je za parke in odprte prostore sprejel lokalni metropolitanski svet. Ugotovitve kažejo,

da je sanacija parkov in odprtih prostorov ustrezno vključena v načrte mestne prenove, vendar določene omejitve ovirajo izvedbo tovrstnih izboljšav. Edinstvena dinamika mestnega središča pomeni velik izziv pri vzdrževanju parkov in odprtih prostorov, zato jo je treba ustrezno razumeti in načrtovati ustrezne ukrepe. Pojavlja se tudi potreba po pravičnejši in učinkovitejši dodelitvi virov in po oblikovanju učinkovitejših partnerstev. Končna ugotovitev raziskave je, da bodo potrebe skupnosti zadovoljene šele, ko bodo tovrstna upravljavska vprašanja postavljena v ospredje in se bodo začela ustrezno reševati.

Ključne besede: Johannesburg, parki, sanacija, mestno središče, propadanje mesta

1 Uvod

Propadanja središča Johannesburga ne moremo ustrezno razumeti brez upoštevanja vpliva apartheida na naselja v Južnoafriški republiki. V poslovnih središčih mest v državi je ta vpliv dokaj jasen, saj so bili ti predeli med apartheidom namenjeni izključno belcem. Ker so imeli nebelci do teh območij omejen dostop, so bili omejeni na mestno obrobje (Bollens, 1998). Zaradi bega belskih podjetij in prebivalcev v Randburg, Sandton in Midrand nekoliko severneje od Johannesburga v 70. in 80. letih 20. stoletja je začelo središče Johannesburga propadati in se močno spreminjati. Stavbe so se opuščale, infrastruktura je začela propadati, prej prevladujoče belsko prebivalstvo pa je zamenjalo hitro rastoče temnopolto prebivalstvo, ki prej ni imelo dostopa do mestnega središča (Young, 2012).

Mestno središče rastočemu prebivalstvu, ki je imelo vse večje zahteve, ni moglo zagotoviti ustreznih storitev in infrastrukture (Garner, 2011). Postalo je znano kot predel mesta, v katerem prevladujejo revni prebivalci (Winkler, 2009), zaradi česar je v procesu naglega propadanja doživelo več preobrazb. Po petih desetletjih propadanja se zdaj mestno središče s svojo mrežo parkov in odprtih prostorov spopada s številnimi težavami, kot je na primer hitro rastoče prebivalstvo (Murray, 2011, in Todes, 2012). Poleg tega je to končna destinacija za veliko število imigrantov, zlasti tistih iz Podsaharske Afrike (Landau in Gindrey, 2008, ter Rogerson in Rogerson, 2015). Rastočemu prebivalstvu je nujno treba zagotoviti ustrezne storitve, infrastrukturo, delovna mesta in s tem boljše možnosti za preživetje (Rudolph idr., 2012, ter Rogerson in Rogerson, 2015).

Že skoraj dve desetletji si v Johannesburgu prizadevajo oživiti mesto in ga preobraziti v »afriško mesto svetovnega merila« (Rogerson, 1996 in 2004, ter Rogerson in Rogerson, 2015). Kljub tem prizadevanjem in dejstvu, da je Johannesburg v gospodarskem središču Južnoafriške republike, je mesto le redko vključeno v državne urbanistične raziskovalne programe (Visser in Roger, 2014, ter Rogerson in Rogerson, 2015), ki so izjemno pomembni za razumevanje in odpravljanje propadanja mest ter spodbujanje mestne prenoje.

Kot drugod po svetu tudi v Johannesburgu poteka proces »vračanja v mestno središče«, katerega glavni nosilci so mladi prebivalci predmestij, ki želijo imeti določeno vlogo v velikem mestu in biti del tega, kar ponuja (Piiparinen, 2013, in Walsh, 2013). V dveh najstarejših predelih v središču Johannesburga (City and Suburban in Jeppetown) je bila v okviru zasebnega projekta zgrajena soseska Maboneng, ki tem novim mestnim prebivalcem zagotavlja urbani življenjski prostor (Walsh, 2013). Še eden od delov mesta, ki doživljajo hitre spremembe, je Doornfontein, v katerem proces prenoje temelji predvsem



Slika 1: Mestno središče in neformalne trgovine (foto: Nico Kotze)

na gradnji študentskih stanovanj (glej tudi Donaldson idr., 2014). Kot navaja Tanja Winkler (2013), središče Johannesburga kljub velikim vsotam denarja, ki so že bile vložene v njegovo sanacijo, razen omenjenih izoliranih otokov prenoje še vedno propada (glej sliko 1). Za številne opazovalce in rumeni tisk zlasti soseska Hillbrow ostaja vzorčni primer propadajočega mestnega območja, na katerem vlada kriminal (Schnehage, 2012). Ivor Chipkin je že leta 2005 opozoril, da bi bilo treba središče Johannesburga sanirati, in sicer v sodelovanju z zasebnim sektorjem, ki v procesu prenoje velja za boljšega partnerja.

Parki in odprti prostori okoliški skupnosti zagotavljajo raznovrstne funkcije in koristi, zato jih je treba upoštevati pri poskusih prenoje propadajočih mest (Thwaites idr., 2005; Page in Connell, 2010; Özgüner, 2011; Bratina Jurković, 2014; Cerar, 2014, ter Pompe in Temeljotov Salaj, 2014). Potrebe in zahteve družbeno in kulturno raznolikih skupin bi bilo treba upoštevati v urbanističnih programih za parke in odprte prostore, ki bi tako ustrezno izpolnjevali svoj namen v modernem urbanem okolju (Bollens, 1998; Chiesura, 2004, in Goličnik, 2008). Dostop do parkov in odprtih prostorov je osnovna človekova pravica, in ob upoštevanju trenutnih poskusov spodbujanja prenoje v Johannesburgu bi bilo treba tem »zelenim pljučem« nameniti zadostno pozornost, saj lahko prispevajo k prenovi in oživitvi mesta.

Avtorja v raziskavi preučujeta enega od vidikov poskusov prenoje, ki potekajo v mestu, in sicer sanacijo parkov v središču Johannesburga. Raziskava je razdeljena na pet delov. V prvem delu sta pojasnjena propadanje mestnega središča in potreba po urbani prenovi, v drugem so predstavljeni območje raziskave in raziskovalni cilji, v tretjem so analizirani funkcije ter koristi parkov in odprtih prostorov na mestnih območjih in v četrtem so predstavljene izboljšave v desetih parkih v središču Johannesburga, vključenih v raziskavo. V zadnjem poglavju so podana priporočila in predstavljene sklepe ugotovitve.

2 Raziskovalno območje in raziskovalni cilji

Po podatkih Martina Murrayja (navedeno v Rogerson in Rogerson, 2015) ima vlemesto Johannesburg približno 3,9 milijona prebivalcev, zaradi česar je eno največjih afriških mestnih območij. Razdeljeno je v sedem okrožij ali regij (od A do G). Raziskava se osredotoča na okrožje F, ki vključuje mestno središče in sosese v predmestju Johannesburg South (glej sliko 2). Območje raziskave pokriva mrežo desetih parkov, ki so naključno porazdeljeni po mestnem središču in jih obkrožajo številne ceste. Obsega sosese Berea, Hillbrow in Joubert Park, meji pa na sosesi Braamfontein in Doornfontein. Zamejujejo ga te ulice: Albertina Sisulu Street na jugu, Louis Botha Avenue na severu, Harrison Street in Clarendon Place na zahodu ter Joe Slovo Drive na vzhodu. Parki tako spadajo v različna območja mestnega središča, od trgovskih do stanovanjskih. V raziskavo je vključenih teh deset parkov: park ob ulici Nugget Street, parka na severnem in južnem delu ulice End Street, Joubertov park, park Attwell Gardens, park Ernesta Oppenheimerja, park Aleca Gorschela, Tudhopov park, park J. Z. de Villiersa in Mitchellov park (glej sliko 3).

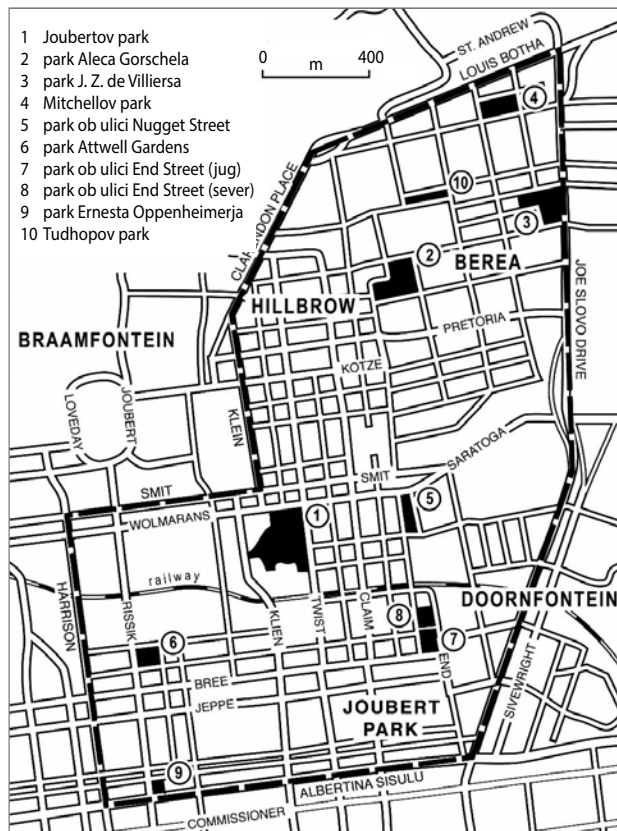
Cilji raziskave so bili:

- določiti velikost odprtih prostorov in parkov, ki so na voljo prebivalcem mestnega središča;
- analizirati trenutno stanje in vzdrževanost parkov, vključenih v raziskavo;
- preučiti strategije prenove, ki jih je uvedla mestna občina Johannesburg, ter posebne določbe v teh strategijah, ki se nanašajo na parke in odprte prostore.

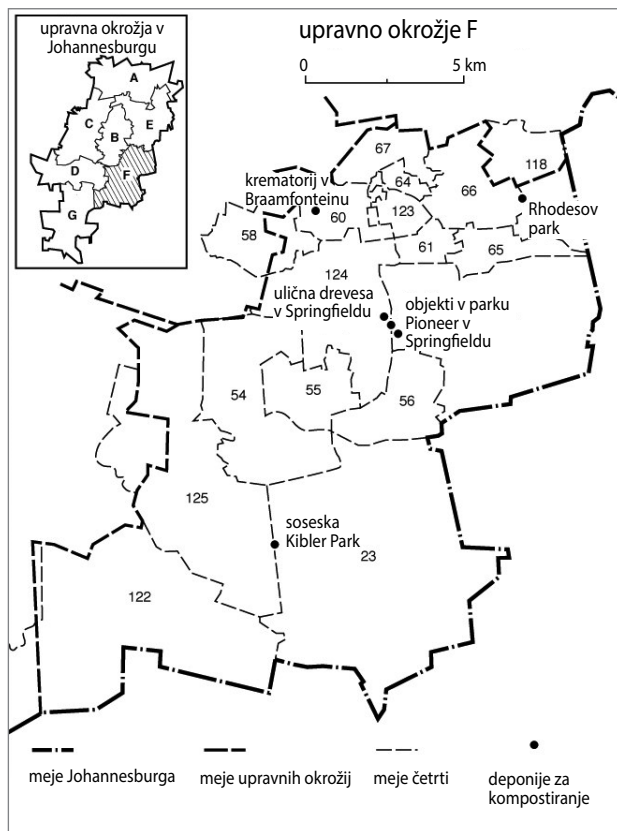
Za uresničitev zastavljenih ciljev sta avtorja v raziskavi uporabila več različnih metod, s pomočjo katerih sta preučila težave, s katerimi se spopadajo parki v središču Johannesburga. Določila sta lokacijo parkov in odprtih prostorov ter z upravnico okrožja F opravila polstrukturirani intervju, da bi dobila informacije o stanju in vzdrževanosti obravnavanih desetih parkov. Med junijem 2014 in julijem 2015 sta opravila tudi več terenskih ogledov parkov, da bi preverila, ali se zares vzdržujejo (kot je to zagotovila lokalna uprava).

3 Parki in odprti prostori: vloge in koristi

Mesta oziroma mestna območja so okolja z najrazličnejšimi vlogami, vključno s trgovskimi, upravnimi, stanovanjskimi in prostočasnimi oziroma rekreativnimi (Page in Connell, 2010). Odprti mestni prostori so pomembni, ker opravljajo različne vloge v mestu, prinašajo pa tudi najrazličnejše neposredne in



Slika 2: Parki v središču Johannesburga (ilustracija: Leani de Vries)



Slika 3: Upravna okrožja v Johannesburgu (ilustracija: Leani de Vries)

posredne koristi. Poleg tega so dragoceni zato, ker zadovoljujejo družbene, psihološke, okoljske in zdravstvene potrebe okoliške skupnosti (Chiesura, 2003). Raziskave so pokazale, da je psihološko in fizično zdravje ljudi, ki redno obiskujejo parke, običajno boljše kot zdravje tistih, ki parkov in odprtih prostorov ne obiskujejo redno (Chiesura, 2003). Taki prostori lokalni skupnosti omogočajo, da zniža raven stresa in poviša raven telesne pripravljenosti. Dostop do odprtih prostorov močno koristi tudi otrokom, ki se lahko v njih igrajo. Raziskave so pokazale, da to izjemno blagodejno vpliva na psihološki in kognitivni razvoj otrok (Page in Connell, 2010). Za parke na družbeno in kulturno raznovrstnih območjih ter tudi v odprtih prostorih na splošno je pomembno ustrezno načrtovanje. Halil Özgüner (2011) poudarja, da je treba mestne parke in odprte prostore zasnovati in upravljati učinkovito, če želimo, da uspešno zadovoljujejo potrebe, povezane z družbeno in kulturno raznolikostjo skupnosti, ki živi v bližini. Michèle Jolé (2008) ter William Solecki in Joan Welch (1995) prav tako poudarjajo velik pomen zelenih odprtih prostorov za raznovrstne skupnosti, ki živijo v njihovi bližini in jih obiskujejo. Kot navaja Emily Thompson (2002), morajo biti odprti prostori v mestih »čudoviti kraji«, ki spodbujajo družbeno kohezijo in enakost. Kakovost mestnih območij je torej odvisna od tega, ali so taki odprti prostori vključeni v načrtovalske in upravljavske strategije (Council for the Environment, 1989). Kljub temu odprti mestni prostori še vedno pritegnejo precej manj politične pozornosti, kot bi bilo potrebno (Chiesura, 2003).

Na odnos med prebivalci in okoliškim odprtim prostorom ter skupne koristi, ki jih ta območja ponujajo, lahko vpliva tudi razporejenost odprtih prostorov na določenem območju (Thwaites idr., 2005). Patrick Mwendwa in Richard Giliba (2012) priporočata enakomerno razporeditev, pri kateri lahko velikost odprtega prostora ustrezno zadovolji potrebe okoliškega prebivalstva. Razdalja med prebivališčem in najbližjim odprtim prostorom poleg tega določa tudi funkcionalnost tega prostora na mestnem območju. Ljudje, ki pogosteje obiskujejo parke, običajno živijo v bližini takih prostorov (Mwendwa in Giliba, 2012). Druge raziskave so nakazale potrebo po mreži več manjših, med seboj povezanih odprtih prostorov, ki je namesto velikemu, temu namenjenemu odprtemu prostoru v mestu bolj podobna mozaiku. Predlog je za današnjo družbo smiselni, saj v večini razvitih mest primanjkuje zemljišč za zelene odprte prostore (Thwaites idr., 2005). Poleg tega naj bi bila trajnostna mesta kompaktna ter opravljala najrazličnejše vloge in rabe, prav tako pa bi morala biti sposobna vključevati mrežo manjših odprtih prostorov. V primeru newyorškega Centralnega parka bi skupnosti bolj koristila mreža več manjših parkov kot samo en velik park (Thwaites idr., 2005). Emily Talen (2010) navaja, da je prostorska razporeditev parkov in drugih javnih dobrin pomembna determinanta blaginje in družbene pravičnosti. V zvezi z blaginjo poudarja, da morajo prebivalci sosesk z nižji-

mi prihodki običajno prehoditi večje razdalje, da pridejo do odprtih prostorov. Uporaba in sposobnost uresničitve potenciala teh javnih dobrin na strani lokalnih skupnosti, ki živijo v bližini parka, je omejena zaradi negativnih asociacij, povezanih s temi območji, kot je na primer visoka stopnja kriminala (Talen, 2010).

Mestna prenova ponuja rešitev problema propadanja mest, uresničimo pa jo lahko z uporabo učinkovitih načrtovalskih metod. Gre za proces, ki običajno sledi obdobju propadanja v mestih in ga lahko opredelimo kot »sanacijo ali obnovo starejših mestnih predelov, vključno z njihovimi poslovnimi območji« (Gibson in Langstaff, 1982: 12). Ob fizični obnovi je pomembno tudi to, da se odnos skupnosti prav tako pozitivno spremeni (Thwaites idr., 2005). Drug pomemben vidik urbane prenove, ki je hkrati glavna tema tega članka, je priznavanje pomena zelenih odprtih prostorov, saj postane mesto zaradi njih privlačnejše, poleg tega pa povečajo tudi estetsko, zgodovinsko in rekreativno vrednost okolice (Chiesura, 2003, in Giliberti, 2013). Mwendwa in Giliba (2012) tako navajata, da oblikovalci politike ne bi smeli zanemarjati vloge odprtih prostorov na urbanih območjih. Ukrepi, povezani z načrtovanjem odprtih prostorov, bi morali biti vključeni v splošne načrtovalske programe mest, saj lahko le tako ustrezno zadovoljimo potrebe prebivalstva (Enger, 2005, ter Zhang idr., 2012). Odprti prostori pritegnejo več ljudi in naložb, zaradi česar imajo obnovitveni vpliv na urbana območja in povečajo njihovo tržno vrednost.

Veliko se lahko na primer naučimo iz mestne prenove Birminghama. Njegova prenova je pravzaprav temeljila na ureditvi novega mestnega parka, zato jo britansko ministrstvo za promet (Department for Transport, Local Government and Regions, 2002) uporablja kot vzorčni primer za to, kako vse več mest izkorišča potencial svojih parkov in odprtih prostorov. Kot sestavni deli procesa mestne prenove, ki lahko zadostijo potrebam novega mestnega življenjskega sloga in mesta z visoko kakovostjo življenja, naj bi imeli odprti prostori »obnovitveni potencial« (Thwaites idr., 2005). Kot navaja Anna Chiesura (2003), se zamisel mesta z višjo kakovostjo življenja vse bolj povezuje s pojmom zelenega odprtega prostora, pomenom zagotavljanja ustreznih odprtih prostorov in omogočanjem dostopa do njih.

4 Ureditev in sanacija parkov v Johannesburgu

Svet za znanstvene in industrijske raziskave (ang. *Council for Scientific and Industrial Research*, v nadaljevanju: CSIR, 2012) je objavil smernice za zagotavljanje družbenih ugodnosti in infrastrukture v Južnoafriški republiki, ki se nanašajo

na različne oblike naselij, od metropolitanskih območij do odmaknjenih podeželskih vasi. V skladu z njimi naj bi južnoafriška metropolitanska območja imela manj kot 0,5 ha odprtih prostorov (parkov, športnih objektov in pokopališč) na 1.000 prebivalcev (CSIR, 2012). To je precej manj, kot določajo mednarodni standardi, in po poročanju mestne občine Johannesburg (City of Johannesburg, 2014) odprti prostori v središču mesta še zdaleč ne dosegajo mednarodnega standarda dveh hektarjev na 1.000 prebivalcev.

Razvojna agencija mesta Johannesburg (ang. *Johannesburg Development Agency*, v nadaljevanju: JDA) je bila ustanovljena leta 2001, pri čemer je bila njena glavna prednostna naloga prenova mestnega središča. Agencija vlaga tako v odmevne kot tudi v manj opazne projekte (Bethlehem, 2013), med katerimi so nekateri namenjeni izboljšanju javnega okolja, vključno s parki v mestnem središču. Kot poroča Monyane Mapetla (2006), se JDA trenutno ukvarja z vodenjem načrtovalskih in gradbenih projektov v središču mesta, zato je pomemben déležnik, ki ga je vredno upoštevati. Poleg tega je bila leta 2000 kot déležnik v mestni občini ustanovljena družba Johannesburg City Parks and Zoo, ki skrbi za več kot dva tisoč parkov v občini. V skladu z vizijo mesta Johannesburg je cilj družbe preobraziti mesto v »zeleno, čisto, ohranjeno in dejavno afriško mesto po svetovnih merilih« (Johannesburg City Parks and Zoo, 2014).

Johannesburg je razdeljen v sedem okrožij. Mestno središče, ki je predmet te raziskave, je v okrožju F in obsega 19 četrti in šest parkov (glej sliko 3). Parki v mestu so razvrščeni na glavne, urejene in slabo urejene parke, njihovo vzdrževanje pa je načrtovano glede na to, v katero od teh kategorij spadajo. Johannesburg City Parks and Zoo pa se ne drži priporočenih urnikov vzdrževanja in parke običajno čisti samo takrat, kadar se za to pokaže potreba.

Po besedah Ipeleng Dube (2014), višje upravnice pri družbi Johannesburg City Parks and Zoo, odgovorne za okrožje F, so parki v okrožju F razvrščeni glede na svoje značilnosti, na podlagi katerih se določijo urniki njihovega vzdrževanja. Glavni parki veljajo za »najprestižnejše« parke, ki zahtevajo tedensko vzdrževanje. Običajno gre za večje parke v Johannesburgu. Urejeni parki so običajno lokalni parki posameznih skupnosti, ki se vzdržujejo na 21 dni, neurejeni pa se vzdržujejo samo enkrat na 60 dni. Neurejeni parki so veliki odprti prostori, ki se večinoma nahajajo v starejših predmestjih ali nekdanjih prikrajsanih območjih, kot je predmestje Johannesburg South, ki spada v okrožje F. Izzivi, povezani z vzdrževanjem parkov v središču mesta, so edinstveni v primerjavi z drugimi parki v mestu, saj se spopadajo z različnimi ovirami. Prvič, v mestnem središču je vzdrževanje in varovanje potrebno pravzaprav vsak dan, kar otežuje sestavljanje in ustrezno upoštevanje ur-



Slika 4: Sanacija parka Aleca Gorschela leta 2015 (foto: Nico Kotze)

nikov. Drugič, omejeni proračuni in časovne omejitve ovirajo ustrezno vzdrževanje. Dodaten dejavnik sta tudi pomanjkanje delovne sile in neustrezna usposobljenost delavcev. I. Dube ocenjuje, da od njihovih 140 uslužbencev samo 66 teh opravlja delo, povezano z vzdrževanjem. To je veliko premalo glede na to, da okrožje F ob mestnem središču obsega tudi predmestje Johannesburg South in ima več kot 230 parkov, ki skupaj pokrivajo 6.288 ha.

Obravnavanih deset parkov v središču mesta je različne velikosti, od 2.800 m² (Tudhopov park v soseski Berea) do 38.500 m² (Joubertov park v poslovnem središču Johannesburga; glej preglednico 1). Med njimi je samo Joubertov park uvrščen med glavne parke, ki se vzdržujejo vsakih sedem dni. Drugih devet parkov spada med urejene parke, ki se vzdržujejo vsakih 21 dni, kar pomeni, da se čistijo samo enkrat na tri tedne. Med desetimi parki na preučevanem območju jih je osem ograjenih z ograjo, ki se ponoči zaklepa, kar naj bi preprečilo vandalizem. To pa je v nasprotju s funkcijo in namenom teh rekreacijskih območij, saj prebivalcem preprečuje prost dostop. Neki uradnik iz družbe Johannesburg City Parks and Zoo je na odprtem sestanku leta 2014 priznal, da so največji stroški vzdrževanja parkov povezani s popravilom poškodovanih ograj, s katerih so pokradeni železni deli, ki se nato prodajo kot staro železo.

Največja parka v središču Johannesburga sta Joubertov park in park Aleca Gorschela. Joubertov park je največji in najstarejši (iz leta 1906), nahaja pa se v poslovnem središču mesta. Med letoma 2012 in 2014 je bilo v njegovo obnovo vloženi 1,5 milijona ZAR (1 USD = 15,4 ZAR po podatkih iz februarja 2016). Park je ograjen in ima več vhodov, ki se ponoči zaklepajo. Spada med glavne parke, zato se čisti enkrat tedensko (glej preglednico 1). Drugi največji park je park Aleca Gorschela v stanovanjski soseski Berea. Obkrožen je s številnimi stanovanjskimi bloki, v bližini pa so tudi

Preglednica 1: Parki v središči Johannesburga

park	lokacija	velikost (m ²)	vzdrževanje (na št. dni)	stroški sanacije (ZAR)
Joubertov park	poslovno središče	38.500	7	1,5 milijona
park Aleca Gorschela	Berea	16.700	21	ni podatkov
park J. Z. de Villiersa	Berea	16.000	21	3,6 milijona
Mitchellov park	Berea	11.320	21	0,65 milijona
park ob ul. Nugget Street	Doornfontein	8.000	21	0
park Attwell Gardens	poslovno središče	8.000	21	4,5 milijona
park ob ul. End Street (jug)	Doornfontein	7.700	21	10,4 milijona*
park ob ul. End Street (sever)	Doornfontein	5.500	21	
park Ernesta Oppenheimerja	poslovno središče	3.300	21	ni podatkov
Tudhopov park	Berea	2.800	21	19.000

Opomba: * Podatek je za oba parka.

osnovna šola in več srednjih šol. Obnovljen je bil v finančnih letih 2001–2002 in 2007–2008, pri čemer je prvi projekt obnove vodila družba Johannesburg City Parks and Zoo, drugi pa JDA, ki je obnovila otroško igrišče za manj kot 20.000 ZAR. Čeprav je park ograjen, sta avtorja med terenskim ogledom območja leta 2014 opazila, da je ograja na več mestih prebita. Ker spada med urejene parke, se čisti samo enkrat na tri tedne. Park so še tretjič obnovili leta 2015. Zdi se, da se za obnovo teh parkov porabljajo ogromne vsote denarja, zaradi nerednega vzdrževanja pa začnejo ponovno propadati. Kot je razvidno s slike 4, je bilo iz parka odstranjeno skoraj vse rastje, ki ga nameravajo nadomestiti s trdimi tlakovanimi površinami, neprijaznimi za uporabnike.

Najmanjša parka v središču mesta sta Tudhopov park in park Ernesta Oppenheimerja. Tudhopov park se nahaja v stanovanjski soseski Berea in je bil obnovljen pred več kot desetletjem (v finančnem letu 2001–2002) v višini 19.000 ZAR. Je slabo opremljen in obsega odprto zelenico z velikimi drevesi, tlakovanimi pešpotmi ter nekaj klopami in otroškimi igrali. Tudi ta park se vzdržuje samo enkrat na tri tedne, kar pomeni, da dosega nizke ocene glede čistoče. Park Ernesta Oppenheimerja, ki je v poslovnem središču mesta, je bil po obnovi pod okriljem JDA ponovno odprt aprila 2011. Je ograjen in ima vhoda na nasprotnih straneh. Je nekaj posebnega, ker so v njem razstavljene izvirne skulpture, zato je bil določen za sestavni del načrtov mestne prenove (glej sliko 5). Med ogledom parka so bili vidni določeni znaki propadanja, vključno s pokvarjenimi javnimi stranišči in smetmi na vidnih mestih.

Mitchellov park in park ob ulici Nugget Street, ki se nahajata v soseskah Berea in Doornfontein, sta srednje velikosti. Med vsemi preučevanimi parki ima prvi največ opreme, drugi pa najmanj. Mitchellov park je bil obnovljen v finančnih letih 2001–2002 in 2012–2013, pri čemer so v obnovo vložili 650.000 ZAR. Kljub vsemu denarju, porabljenemu za iz-

boljšave, je park zanemarjen in slabo vzdrževan. Na določenih mestih na zelenici je trava usahnila, poleg tega po parku ležijo kupi smeti. Park ob ulici Nugget Street bi prej opisali kot odprt prostor in ne kot park, saj v njem ni znakov kakršnih koli izboljšav. Oba parka spadata v kategorijo urejenih parkov.

Parka na južnem in severnem delu ulice End Street se nahajata v soseski Doornfontein. Oba je leta 2009 obnovila JDA za namene svetovnega nogometnega prvenstva 2010, pri čemer je v obnovo vložila 10 milijonov ZAR. Vključujeta večinoma tlakovane površine z manjšo trato in samo nekaj večjimi drevesi. Vsak od njiju ima otroško igrišče in je ograjen. Čeprav spadata v kategorijo parkov, ki se vzdržujejo samo enkrat na tri tedne, sta bila med terenskim ogledom razmeroma dobro vzdrževana. Kljub temu sta uporabnikom neprijazna, saj v njih prevladujejo trde tlakovane površine (glej sliko 6).

Park Attwell Gardens v poslovnem središču Johannesburga je blizu glavne železniške postaje (Park Station). Potem ko ga je JDA obnovila (stroški obnove so znašali 4,5 milijona ZAR), je bil ponovno odprt avgusta 2011. Park je večinoma tlakovan in ograjen z ograjo, ki se ponoči zaklepa. Obdajajo ga neformalne trgovine (glej sliko 7), tržnica s sadjem in zelenjavo in postajališče za taksije. Vse te dejavnosti običajno proizvedejo ogromne količine odpadkov, in ker se park čisti samo enkrat na tri tedne, so smeti v tem parku velik problem, kar je bilo vidno tudi med terenskimi ogledi (glej sliko 8).

Park J. Z. de Villiersa je eden od večjih parkov v stanovanjski soseski Berea v središču mesta. V finančnem letu 2001–2002 ga je najprej obnovila družba Johannesburg City Parks and Zoo, ki je v obnovo vložila 3,4 milijona ZAR. Druga obnova je v finančnem letu 2007–2008 potekala pod okriljem JDA, ki je vložila 20.000 ZAR v sanacijo otroškega, nogometnega in košarkarskega igrišča. Čeprav je park ograjen, je ograja na več mestih prebita, poleg tega so velik problem tudi odpadki.



Slika 5: Park Ernesta Oppenheimerja sredi poslovnega središča mesta (foto: Nico Kotze)



Slika 6: Otroško igrišče v parku v južnem delu ulice End Street (foto: Nico Kotze)



Slika 7: Neformalne trgovske dejavnosti v parku Attwell Gardens (foto: Nico Kotze)



Slika 8: Problem z odpadki v parku Attwell Gardens (foto: Nico Kotze)

5 Sklep

Parki opravljajo najrazličnejše funkcije, zato imajo pomembno in pozitivno vlogo v vsakdanjem življenju mestnih prebivalcev. S tega vidika je pomembna tudi pričujoča raziskava, v kateri avtorja preučujeta obnovo parkov v središču Johannesburga in ugotavljata, kakšno vlogo imajo pri sanaciji propadajočega poslovnega središča enega od največjih južnoafriških mest. Proces mestne prenove Johannesburga namreč poteka že več kot dvajset let.

Kot navaja T. Winkler (2013: 310), »je v večini objavljenih virov na temo mestne prenove dvajset let prepoznano kot dovolj ‚intenzivno‘ obdobje vlaganja javnih sredstev v obnovo, ki naj bi dala vidne in splošno uporabne rezultate. Zunanji opazovalec bi se v tem primeru verjetno vprašal: Če je bilo v obnovo središča Johannesburga vloženo že toliko časa, denarja in energije, zakaj je potem toliko izoliranih in razdrobljenih ‚polepšanih‘ otokov, ki jih v veliki masi razpadajočih predelov komaj opaziš?«

Raziskava je pokazala, da je mestna uprava prepoznala pomembno vlogo, ki jo imajo parki in odprti prostori pri izboljšanju podobe mesta in zagotavljanju koristi skupnostim, ki živijo v njihovi bližini. Zaradi tega je poskrbela, da so parki in odprti prostori pomemben del načrtov prenove mestnega središča. Prav tako so pomemben del nekaterih vidnejših strategij mestne prenove, kot sta listina o prenovi mestnega središča (ang. *Inner City Regeneration Charter*) iz leta 2007 in celostni načrt razvoja Johannesburga 2012–2016 (ang. *Johannesburg Integrated Development Plan*). V okviru prenove Johannesburga je bilo obnovljenih in saniranih več parkov v središču mesta. V raziskavi sta avtorja ugotovila, da so najpomembnejši déležniki, odgovorni za sanacijo in vzdrževanje parkov in odprtih prostorov, mestna občina Johannesburg, družba Johannesburg City Parks and Zoo in JDA, pri čemer pa je treba upoštevati problematične odnose med temi organizacijami. Za odpravo nejasnosti glede odgovornosti posameznih déležnikov je potrebno boljše sodelovanje in sporazumevanje.

Raziskava je razkrila tudi pomanjkanje sredstev za sanacijo in predvsem ustrezno vzdrževanje objektov. Poleg tega je trenutni razpored vzdrževanja parkov v središču mesta (samo enkrat tedensko ali samo enkrat na tri tedne) popolnoma neprimeren za območje s tako visoko gostoto prebivalstva. Če se ti parki ne bodo čistili pogosteje, bodo vedno neurejeni, nepriljubljeni in neprijazni za javnost. Velik problem v parkih v središču mesta je tudi vandalizem, ki se lahko reši šele, ko se bo spremenil odnos prebivalcev do tovrstnih odprtih prostorov. Zaradi vseh navedenih ovir so parki in oprema v njih v slabem stanju. Uprava parkov v središču mesta se tako spopada s številnimi težavami. Po besedah območne uprave so parki v središču mesta trenutno v nezadovoljivem stanju, saj dinamika mestnega središča povzroča edinstvene izzive, ki jim jih še ni uspelo premagati. Za izboljšanje razmer v središču mesta bi bilo treba ustrezno odpraviti vse glavne ovire. Prav tako bi bilo treba poskrbeti za ustrezno upravljanje, dodeliti dovolj sredstev za vzdrževanje parkov in ustanoviti ustrezna partnerstva za reševanje nastalih okoliščin. Posledično bi bilo treba spremeniti in prilagoditi tudi upravljaljske strategije.

Tudi če se bo denar vlagal v sanacijo parkov v mestnem središču, izboljšave ne bodo nikoli vidne, negativna mnenja v rumenem tisku, med prebivalci in drugimi opazovalci pa se ne bodo nikoli spremenila, če mestna občina ne bo poskrbela za ustrezno vzdrževanje teh parkov.

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The revitalisation of parks and open spaces in downtown Johannesburg

Notwithstanding the “back-to-the-city” process taking place in pockets of Johannesburg’s inner city, the area investigated in this study is still perceived by some observers as one of decline and is associated with criminal activities. Although Johannesburg’s parks and open spaces have been subjected to urban decline over the past decades, they are currently undergoing urban revitalisation. This study investigates the size and user-friendliness of the open spaces and parks accessible to inner-city residents. It also considers current conditions and the level and effectiveness of the maintenance services available. Furthermore, it examines the regeneration strategies of Johannesburg, determining through them the specific provisions made for parks and open spaces by the local metropolitan council. The study determines that the redevelopment of

parks and open spaces has been adequately incorporated into Johannesburg’s urban regeneration plans. However, certain constraints are thwarting progress in implementing such improvements. The unique dynamics of the inner city pose a significant challenge to maintaining parks and open spaces, and these should be properly understood and planned for. There also appears to be a need for fairer and more efficient allocation of resources and for forging more effective partnerships. The study concludes that the needs of the community will only be met once these management issues have been prioritised and addressed.

Keywords: Johannesburg, parks, redevelopment, inner city, urban decline

1 Introduction

The decline of Johannesburg's inner city cannot be understood without considering the impact that apartheid had on all settlements in South Africa. This is generally clear in the case of central business districts in South Africa, which were zoned as white-only areas in the apartheid era. Because there was limited access to these areas by non-whites, they were confined to peripheral areas (Bollens, 1998). In the case of Johannesburg's inner city, decline followed as a result of the flight of white businesses and residential populations to Sandton, Midrand and Sandton, further north, in the 1970s and 1980s. As a result, the inner city experienced significant change in the following periods. Buildings were abandoned, infrastructure started to deteriorate and the previous predominantly white inner-city population was replaced by a rapidly increasing black population that had previously been denied access to the inner city (Young, 2012).

Johannesburg's inner city was unable to provide adequate services and infrastructure for this growing population and its accelerating demands (Garner, 2011). Therefore, it came to be characterised as accommodating a predominantly poor population (Winkler, 2009) and, as a result, underwent several transformations in its downward spiral of decline. After five decades of urban decline, Johannesburg's inner city, along with its network of parks and open spaces, today faces a number of challenges, such as a rapidly increasing population (Murray, 2011; Todes, 2012). This is also a destination for a large numbers of immigrants, especially from Sub-Saharan Africa (Landau & Gindrey, 2008; Rogerson & Rogerson, 2015). As such, it is essential that this growing population be assisted through provision of adequate services and facilities, employment and thereby the promise of improved prospects for making a living (Rudolph et al., 2012; Rogerson & Rogerson, 2015).

For almost two decades now, regeneration efforts have been underway to revive Johannesburg and raise it to the status of a "world-class African city" (Rogerson, 1996; Rogerson, 2004; Rogerson & Rogerson, 2015). However, notwithstanding these endeavours and the fact that Johannesburg is at the very core of South Africa's economic heartland, the city is weakly represented in scholarly urban research programmes in the country (Visser & Roger, 2014; Rogerson & Rogerson, 2015), which are fundamental for understanding and counteracting urban decline and promoting urban regeneration.

As in the rest of the world, a process of "returning to the city" is taking place in Johannesburg, a movement back to the inner city, largely driven by young suburbanites that want to



Figure 1: Inner-city and informal traders (photo: Nico Kotze).

play a role in the big city and be part of what it has to offer (Piiparinen, 2013; Walsh, 2013). The Maboneng Precinct, a privately controlled urban enclave, has been developed on portions of two of the oldest suburbs of the inner city (namely City and Suburban and Jeppestown), providing for the needs of these new urbanites by making urban living space available to them (Walsh, 2013). The second area undergoing rapid change is Doornfontein, where the renewal process is mainly being driven through developments providing accommodation to students (see also Donaldson et al., 2014). According to Tanja Winkler (2013), notwithstanding the large amounts of money that have already been invested in its redevelopment, Johannesburg's inner city – with the exception of these isolated pockets of regeneration – is still in a state of decline (see Figure 1). For many observers and the popular media, Hillbrow in particular remains an urban area in a state of decline, with criminal activities reigning supreme (Schnehaage, 2012). As early as 2005, Ivor Chipkin (2005) admitted that downtown Johannesburg needed to be cleaned up and that it should be done in cooperation with the private sector, which is regarded as a better partner in the regeneration process.

Parks and open spaces serve the surrounding community with a multitude of functions and benefits, and are therefore important considerations in attempts at urban regeneration that aim to assist decaying cities (Thwaites et al., 2005; Page & Connell, 2010; Özgüner, 2011; Bratina Jurković, 2014; Cerar, 2014; Pompe & Temeljotov Salaj, 2014). It should generally be acknowledged that the needs and demands of socially and culturally diverse groups should be accounted for in urban planning programmes specifically for parks and open spaces in order to adequately fulfil their purpose in the modern urban arena (Bollens, 1998; Chiesura, 2004; Goličnik, 2008). Access to parks and open spaces is a basic human right and, in light of the current and ongoing attempts to foster regeneration in Johannesburg, sufficient attention should be given to these

“green lungs” because they have the potential to contribute to the renewal and revival of the city.

This study investigates one aspect of attempts at rejuvenation taking place in the city; namely, the redevelopment of parks in inner-city Johannesburg as part of the city’s regeneration. The study is divided into five sections. The first section explains the decline of the inner city and the need for urban regeneration. The second describes the study area and presents the research objectives. The third section reviews the functions and benefits of parks and open spaces in urban areas. The fourth showcases the improvements to the ten parks in Johannesburg’s inner city included in this study. The final section offers recommendations and concluding remarks.

2 Study area and research aims

According to Martin Murray, cited in Christian Rogerson and Jayne Rogerson (2015), the metropolis of Johannesburg has an estimated population of 3.9 million, making it one of the largest urban areas in Africa. Johannesburg is divided into seven districts or regions (Regions A through G). Region F is the region of interest in this study. It includes both the inner city and the suburbs of Johannesburg South (see Figure 2). This study area was chosen to encompass a network of ten diverse parks randomly distributed within the inner city and bordered by main roads. It comprises the suburbs of Berea, Hillbrow and Joubert Park and is bordered by Braamfontein and Doornfontein. The streets marking the borders of the study area are Albertina Sisulu Street to the south, Louis Botha Avenue to the north, Harrison Street and Clarendon Place to the west, and Joe Slovo Drive to the east. The parks thus fall into different areas in the inner city, and the functions of these areas range from commercial to residential. The ten parks in the study are Nugget Street Park, the End Street Parks (North and South), Joubert Park, Attwell Gardens Park, Ernest Oppenheimer Park, Alec Gorschel Park, Tudhope Park, J. Z. de Villiers Park and Mitchell Park (see Figure 3).

This study had the following aims:

- To determine the size of the open spaces and parks available to inner-city residents.
- To analyse the current condition and level of maintenance of parks in the study area.
- To examine the regeneration strategies introduced by the City of Johannesburg and determine the specific provisions made for parks and open spaces through these strategies.

To attain these aims, a mixed-methods research design was adopted for this project to take advantage of a multiple-method

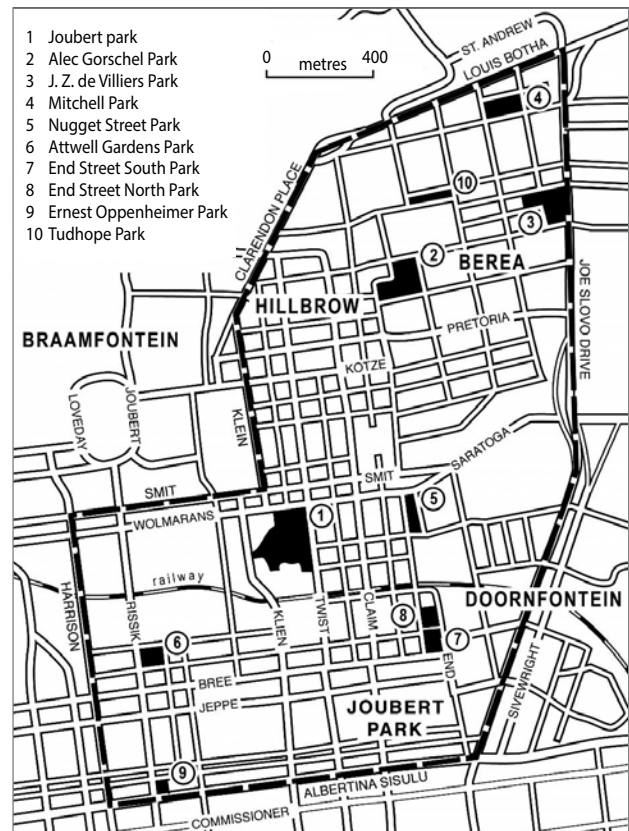


Figure 2: Parks in inner-city Johannesburg (illustration: Leani de Vries).

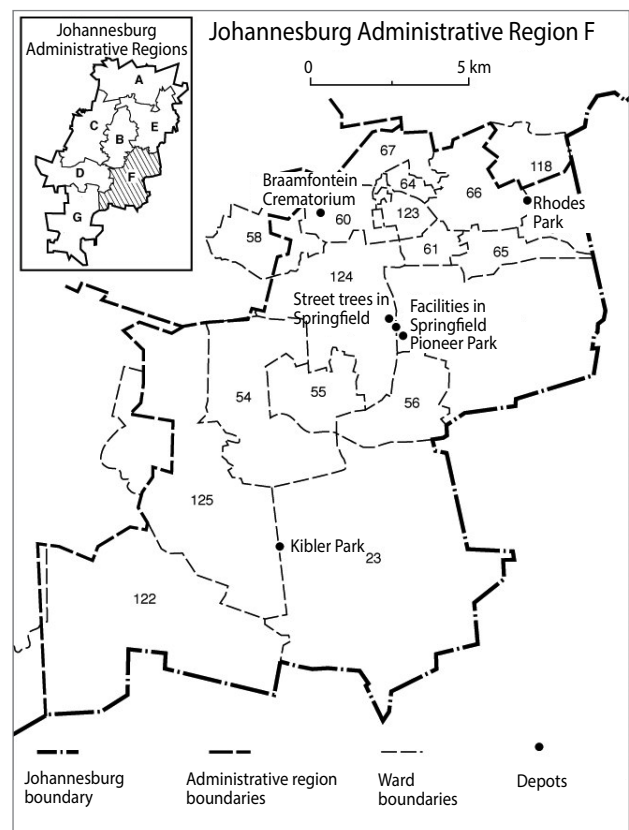


Figure 3: Administrative regions of Johannesburg (illustration: Leani de Vries).

approach to explore the problems of inner-city parks in Johannesburg. The locations and areas of the parks and open spaces were determined. A semi-structured interview was conducted with the manager of Region F to gather information on the condition of the ten parks and their levels of maintenance, and, finally, site visits were carried out over a year (from June 2014 to July 2015) to ascertain whether the parks were being maintained as claimed by the local government.

3 Parks and open spaces: Functions and benefits

Cities or urban areas are environments with a multiplicity and variety of land-use functions, including commercial, administrative, residential and leisure uses (Page & Connell, 2010). Urban open spaces are significant in urban areas because they perform several functions within the urban area and provide a wide variety of direct and indirect benefits. They are valuable because they provide for the social, psychological, environmental and health needs of the surrounding community (Chiesura, 2003). Studies have shown that both the psychological and physical health attributes of regular park users are generally greater than those for people that do not regularly visit parks and open spaces (Chiesura, 2003). Such spaces serve the community by offering an opportunity to reduce stress levels and enhance fitness levels. Children also benefit greatly from access to open spaces because they allow for play. This has been shown to be extremely beneficial to children's physiological and cognitive development (Page & Connell, 2010). Planning is important for parks in areas of social and cultural diversity and in open spaces in general. Halil Özgüner (2011) emphasises the importance of planning when he states that it is vital for urban parks and open spaces to be designed and managed effectively to successfully provide for the needs associated with the social and cultural diversity of the community in the vicinity of parks. In their studies, Michèle Jolé (2008) and William Solecki and Joan Welch (1995) also acknowledge the role that green open spaces play in serving the diverse communities that surround parks and open spaces and utilise these facilities. According to Emily Thompson (2002), open spaces in cities must be "beautiful places" that promote social cohesion and equity. Thus, the quality of urban areas is dependent on the provision of planning and management strategies for such open spaces (Council for the Environment, 1989). However, despite this, urban open spaces receive much less political attention than necessary (Chiesura, 2003).

The way that open spaces are spatially arranged might also shape the relationship between the population and the surrounding open space, and the shared benefits that these areas offer (Thwaites et al., 2005). Patrick Mwendwa and Richard Giliba (2012) recommend a uniform distribution, in which

the size of the open space can adequately accommodate the surrounding population. Furthermore, distance between the place of residence and the closest open space will also determine the functionality of that space in the urban area. More regular park users are more likely to live close to these amenities (Mwendwa & Giliba, 2012). Other studies have suggested that there is a need for a network of several small connected open spaces that resembles a mosaic pattern rather than a large dedicated open space in an urban area. This suggestion makes sense in today's society because of the low availability of land to dedicate as green open space in most developed cities (Thwaites et al., 2005). Furthermore, a sustainable city is viewed as being compact, with a wide range of functions and multiplicity of uses, and as being able to accommodate a network of small open spaces. In the case of Central Park, it is suggested that the community would have benefited more from a network of many smaller parks than from this large one (Thwaites et al., 2005). Emily Talen (2010) believes that the spatial distribution of parks and other public amenities is a significant determinant of welfare and social justice. With regard to welfare, she points out that residents of lower-income neighbourhoods are more likely to walk greater distances to gain access to open spaces. However, the utilisation and ability to realise the potential of these public amenities by the local communities living in the vicinity of the park is limited due to negative perceptions, such as high crime rates in such areas (Talen, 2010).

Urban regeneration poses a solution to the problem of urban decay and can be realised through the implementation of effective planning methods. It is a process that generally follows periods of urban decay and decline in cities, and can be defined as "the redevelopment or rehabilitation of older parts of towns and cities, including their business areas" (Gibson & Langstaff, 1982: 12). Along with physical regeneration, it is also important that the attitude of the community also changes in a positive way (Thwaites et al., 2005). Another important aspect of urban regeneration, and central to the theme of this article, is to acknowledge the importance of green open spaces because they make cities more attractive and add to the aesthetic, historical and recreational value of the surrounding areas (Chiesura, 2003; Giliberti, 2013). Thus, Mwendwa and Giliba (2012) argue that policymakers should not ignore the role that open spaces play in urban areas. Furthermore, planning measures for open spaces should be included in the overall planning programmes of cities to provide for the population's needs (Enger, 2005; Zhang et al., 2012). By attracting more people and investment, open spaces have regenerative effects and enhance the economic value of urban areas.

There is also a lesson to be learned from urban regeneration in Birmingham. Because the regeneration of Birmingham was in

fact based on the development of a new city park, the Department for Transport, Local Government and Regions (2002) in the United Kingdom uses this example to illustrate how increasingly more cities are realising the potential of their parks and open spaces. Open spaces are said to have a “restorative potential” as components in the urban regeneration process that can satisfy a new urban lifestyle and sustain a liveable city (Thwaites et al., 2005). According to Anna Chiesura (2003), the idea of a more liveable city is increasingly being attached to the concept of green open space, the importance of providing adequate areas of open space and enabling the population to gain access to them.

4 Development and redevelopment of parks in Johannesburg

The Council for Scientific and Industrial Research or CSIR (2012) has published guidelines for the provision of social amenities and facilities in South Africa. These guidelines apply to different types of settlements that range from metropolitan areas and large cities to remote rural villages. The open space provision (including parks, sports facilities and cemeteries) in South African metropolitan areas is indicated as less than 0.5 hectare per 1,000 residents (CSIR, 2012). This is considerably lower than the international standard. According to the City of Johannesburg (2014), open spaces in the inner city are severely lacking in terms of the international standard of two hectares per 1,000 residents.

The Johannesburg Development Agency (JDA) was established in 2001, with its main priority being the regeneration of the inner city. It tends to invest in both high- and low-profile projects (Bethlehem, 2013), some of which are aimed at improving the public environment, including the inner-city parks. According to Monyane Mapetla (2006), the JDA is currently involved in managing the planning and development of the inner-city region projects and is thus a relevant stakeholder worthy of consideration. Johannesburg City Parks and Zoo was also established as a stakeholder in the City of Johannesburg in 2000, and is responsible for over two thousand parks in the municipality of Johannesburg. In accordance with the vision of the City of Johannesburg, Johannesburg City Parks and Zoo aims to transform the city into a “green, clean, conserved and active world-class African city” (Johannesburg City Parks and Zoo, 2014).

Johannesburg is divided into seven regions; the inner city (the study area) is located in Region F, with nineteen wards and six parks (see Figure 3). The parks of Johannesburg are categorised as either flagship, developed or underdeveloped parks, and park maintenance is scheduled according to these categories.



Figure 4: The 2015 redevelopment of Alec Gorschel Park (photo: Nico Kotze).

However, Johannesburg City Parks and Zoo does not keep to these recommended timetables and tends to clean up parks only when there is a demand for such services.

According to Ipeleng Dube (2014), senior manager for Region F at Johannesburg City Parks and Zoo, the parks in region F are classified on the basis of their characteristics, which determines their maintenance requirements and schedules. Flagship parks are regarded as “top” parks that require weekly maintenance. These are usually the larger parks in Johannesburg. Developed parks are usually community parks that require maintenance in a twenty-one-day maintenance cycle, and underdeveloped parks are maintained only once in a sixty-day cycle. The undeveloped parks are large open spaces mainly in older suburban or previously disadvantaged areas, as in Johannesburg South, which forms part of Region F. The challenges of maintaining the inner-city parks are unique compared to the rest of the city’s parks because the inner-city parks face several constraints. First, the situation in the inner city is such that both maintenance and security are required virtually on a daily basis. This causes complications in setting up schedules and keeping to them. Second, limited budgets and time constraints hinder proper maintenance. An additional factor is the lack of manpower and inadequate workforce skills. Dube estimates that, of her 140 staff members, only sixty-six are involved in maintenance-related work. This number is insufficient, considering that Region F includes the inner city as well as Johannesburg South and is home to around 230 parks, amounting to a total area of 6,288 hectares.

The ten parks in the inner city range in area from 2,800 m² (Tudhope Park in Berea) to 38,500 m² (Joubert Park in the CBD; see Table 1). Among these parks, only Joubert Park is classified as a flagship park with a seven-day maintenance schedule. The other nine parks are all classified as developed parks with

Table 1: Parks of inner-city Johannesburg.

Park	Location	Size (m ²)	Maintenance cycle (days)	Redevelopment cost (ZAR)
Joubert	CBD	38,500	7	1.5 million
Alec Gorschel	Berea	16,700	21	n.a.
J. Z. de Villiers	Berea	16,000	21	3.6 million
Mitchell	Berea	11,320	21	0.65 million
Nugget Street	Doornfontein	8,000	21	None
Attwell Gardens	CBD	8,000	21	4.5 million
End Street South	Doornfontein	7,700	21	10.4 million*
End Street North	Doornfontein	5,500	21	
Ernest Oppenheimer	CBD	3,300	21	n.a.
Tudhope	Berea	2,800	21	19,000

Note: * For both parks.

twenty-one-day maintenance schedules, thus being cleaned only once every three weeks. Of the ten parks in the study area, eight are fenced with gates locked at night to prevent vandalism. This defeats the function and purpose of these recreational areas because it denies residents free access to them. An official from Johannesburg City Parks and Zoo also admitted at an open meeting held in 2014 that the highest costs incurred in maintaining the parks in the city is repairing vandalised fences due to theft of their metal components, which are then sold as scrap metal.

The two largest parks in Johannesburg's inner city are Joubert Park and Alec Gorschel Park. Joubert Park is the oldest and largest park. It is located in the CBD of Johannesburg and dates back to 1906. From 2012 to 2014, ZAR 1.5 million (USD 1 = ZAR 15.4 as of February 2016) was allocated for improvements to the park. The park is fenced and has several gates that are locked at night. Being classified as a flagship park, it is cleaned once a week (see Table 1). The second-largest park is Alec Gorschel Park in the residential suburb of Berea. It is surrounded by a large number of apartment blocks, with a primary school and several secondary schools nearby. This park was improved during the 2001–2002 and 2007–2008 financial years. The first improvement was spearheaded by Johannesburg City Parks and Zoo, and the second by the JDA, which redeveloped the playground at a cost of under ZAR 20,000. Although the park is fenced off, it was noticed during site visits in 2014 that the perimeter fencing was breached at several points. As a developed park, Alec Gorschel Park is cleaned up only once every three weeks. The park was improved for the third time in 2015. To an observer, it would seem that large sums of money are being spent on improvements to these parks, but a lack of regular maintenance is causing the parks to lapse back into a state of disrepair. As can be seen in Figure 4, almost all of the vegetation has been removed from the park and it is being replaced by a hard, user-unfriendly paved area.

The two smallest parks in the inner city are Tudhope and Ernest Oppenheimer Parks. Tudhope Park is located in the residential area of Berea and was redeveloped more than a decade ago in the 2001–2002 financial year at a cost of ZAR 19,000. The park has poor facilities and consists of an open lawn and large trees, with paved walkways and a few benches and children's play facilities. This park is also categorised into the twenty-one-day maintenance schedule, which means that it scored poorly regarding litter. Ernest Oppenheimer Park, located in the CBD, was reopened in April 2011 after being redeveloped by the JDA. This park is fenced off with two entrances on opposite sides of the park. Ernest Oppenheimer Park is unique because it displays original sculptures and has been specifically identified as an integral part of Johannesburg's urban regeneration plans (see Figure 5). Some signs of decay are visible, with public toilets out of order and litter present during site visits.

Mitchell Park and Nugget Street Park, located in Berea and Doornfontein, are two medium-sized parks with the most and least facilities in the study area. Mitchell Park was improved during the 2001–2002 and 2012–2013 financial years at a cost of ZAR 650,000. Notwithstanding the money spent on improving the park, it is neglected and unkempt, with areas where the lawn has died and piles of litter. Nugget Street Park could be more readily described as an open space rather than as a park because there is no indication of any improvement. Both these parks are classified as developed parks.

The End Street North and End Street South Parks are located in Doornfontein. Both of these parks were redeveloped in 2009 by the JDA for the 2010 FIFA World Cup at a cost of ZAR 10 million. The two parks mainly consist of paved areas with a limited area covered by lawn and only a few large trees. Each park includes a playground and is fenced with gates. Although these two parks also fall into the twenty-one-day maintenance cycle, site visits showed the level of maintenance



Figure 5: Ernest Oppenheimer Park in the centre of the CBD (photo: Nico Kotze).



Figure 6: Playground at End Street South Park (photo: Nico Kotze).



Figure 7: Informal sales activities at Attwell Gardens Park (photo: Nico Kotze).



Figure 8: The litter problem at Attwell Gardens Park (photo: Nico Kotze).

to be relatively good. However, these parks are user-unfriendly because they predominately have hard paved areas (see Figure 6).

Attwell Gardens Park, located in the CBD of Johannesburg, is close to Park Station, the city's main railway station. The park was reopened in August 2011 after having been redeveloped by the JDA at a cost of ZAR 4.5 million. The park is mostly paved and fenced off, with a gate that is locked at night. It is surrounded by informal vendors (see Figure 7), a fruit and vegetable market, and a taxi rank. All of these activities tend to generate large volumes of waste. Because of the twenty-one-day maintenance cycle here, litter appears to be a serious problem, apparent during a number of site visits to the park (see Figure 8).

J. Z. de Villiers Park, one of the larger parks in the inner-city residential area of Berea, was initially improved during the 2001–2002 financial year by Johannesburg City Parks and

Zoo at a cost of ZAR 3.4 million. The second improvement by the JDA was during the 2007–2008 financial year at a cost of ZAR 20,000 for redeveloping the playground, the soccer field and the basketball court. Although the park is fenced, the boundary has been breached at several points and litter appears to be a serious problem.

5 Conclusion

Because they perform a variety of functions, the role that parks play in the everyday lives of urban residents should be regarded as both significant and positive. This highlights the importance of this study, which investigates the redevelopment of the inner-city parks of Johannesburg and ascertains whether they play any role in efforts to improve the decaying CBD of one of the largest cities in Africa. The process of urban renewal in Johannesburg has been in progress for more than twenty years now.

According to Winkler (2013: 310), however, “much of the literature on urban regeneration identifies 20 years as a sufficient ‘intensive period’ of public spending on regeneration for demonstrable and context-wide outcomes. Observers might then be inclined to ask: If so much time, money and energy has already been spent on regenerating the inner city of Johannesburg, why have outcomes resulted in isolated and fragmented pockets of ‘beautification’ that are scarcely noticeable amongst a mass of dereliction?”

This study found that Johannesburg has recognised the important role that parks and open-space amenities play in improving a city and in bringing benefits to the surrounding communities. For this reason, adequate provision has been made for parks and open spaces to be incorporated as vital components in inner-city regeneration plans. As such, parks and open spaces feature prominently in some of the more important regeneration strategies for the city, as in the case of the Inner City Regeneration Charter of 2007 and the Johannesburg Integrated Development Plan (2012–2016). As part of the regeneration of Johannesburg, several parks in the inner city have been redeveloped and improved. This study identified the most important stakeholders responsible for the redevelopment and upkeep of parks and open spaces as the City of Johannesburg, Johannesburg City Parks and Zoo, and the JDA. However, it is important to take the perceived problematical relationships that exist between these organisations into account. Greater communication is necessary in order to clear up ambiguities in terms of the responsibilities held by the various stakeholders.

A further challenge that this study revealed is the shortage of resources required for redevelopments and, most importantly, for the successful upkeep of the amenities. Furthermore, the seven-day and twenty-one-day maintenances schedules of the inner-city parks are inadequate for an area with such a high population density. If these parks are not cleaned up more regularly, they will always look unkempt and remain unattractive and unfriendly to the public. Another problem relating to the inner-city parks is vandalism, which can only be addressed once the attitude of the residents towards these open spaces has changed. All of these constraints have contributed to the poor state of the parks and their amenities. The management of Johannesburg’s inner-city parks thus faces several challenges. The regional manager herself described the current state of the inner-city parks as unsatisfactory because the dynamics of the inner city pose unique challenges that have not been met. To improve conditions in the inner city, it is recommended that all of the relevant constraints be adequately addressed. Proper management should be implemented, sufficient resources

should be allocated for maintaining the parks and partnerships should be put in place to remedy the situation. Management strategies should therefore be properly revised and adapted.

Finally, even if money is spent on redeveloping the inner-city parks, as long as Johannesburg does not maintain these parks adequately they will never show any signs of improvement, nor will they change the negative perceptions of the popular press, residents and other observers of Johannesburg’s inner city.

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