



THE BARRIERS TO, AND ENABLERS OF TREE PLANTING IN SOUTH AFRICAN LOW-COST HOUSING SUBURBS



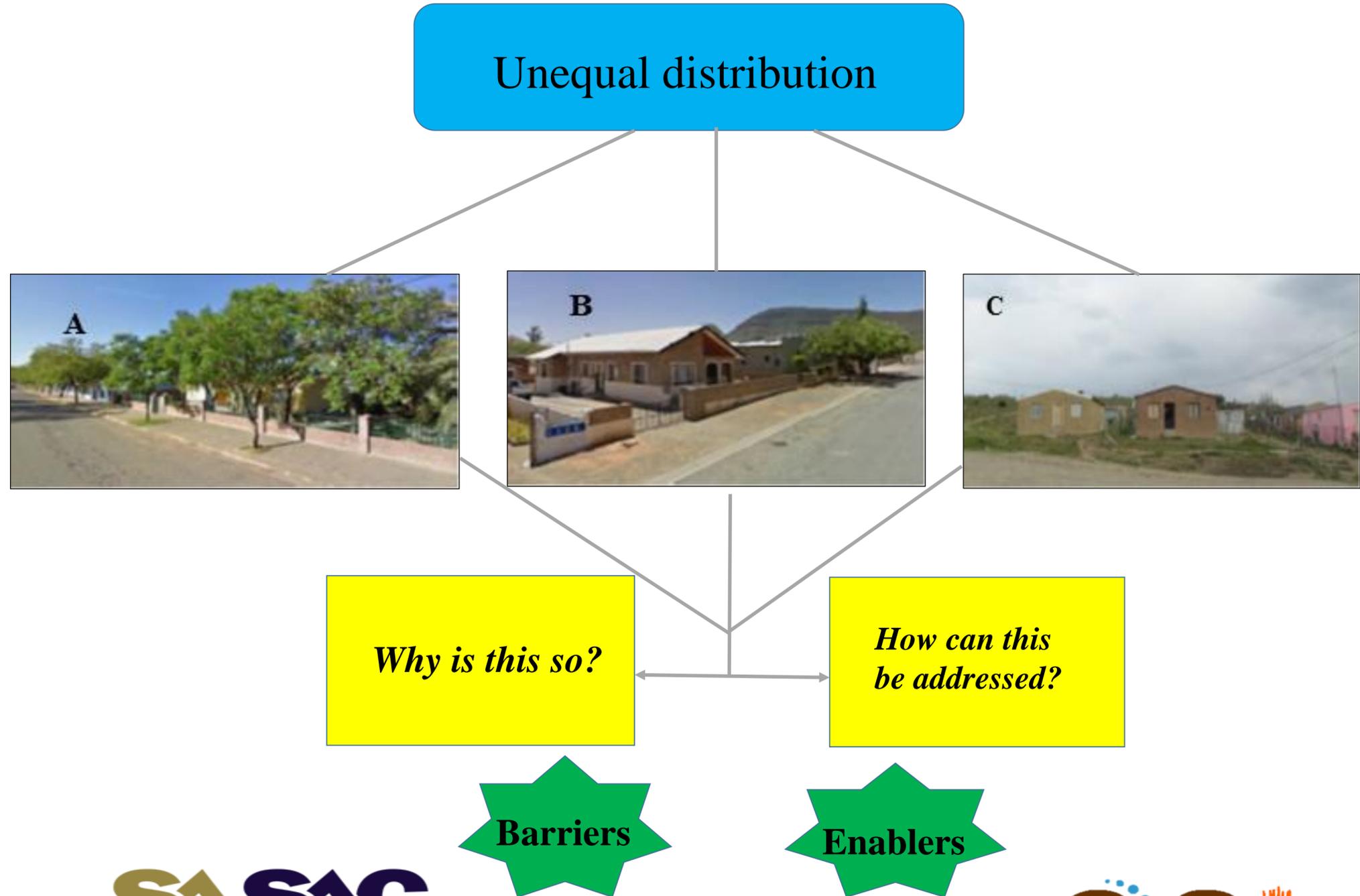
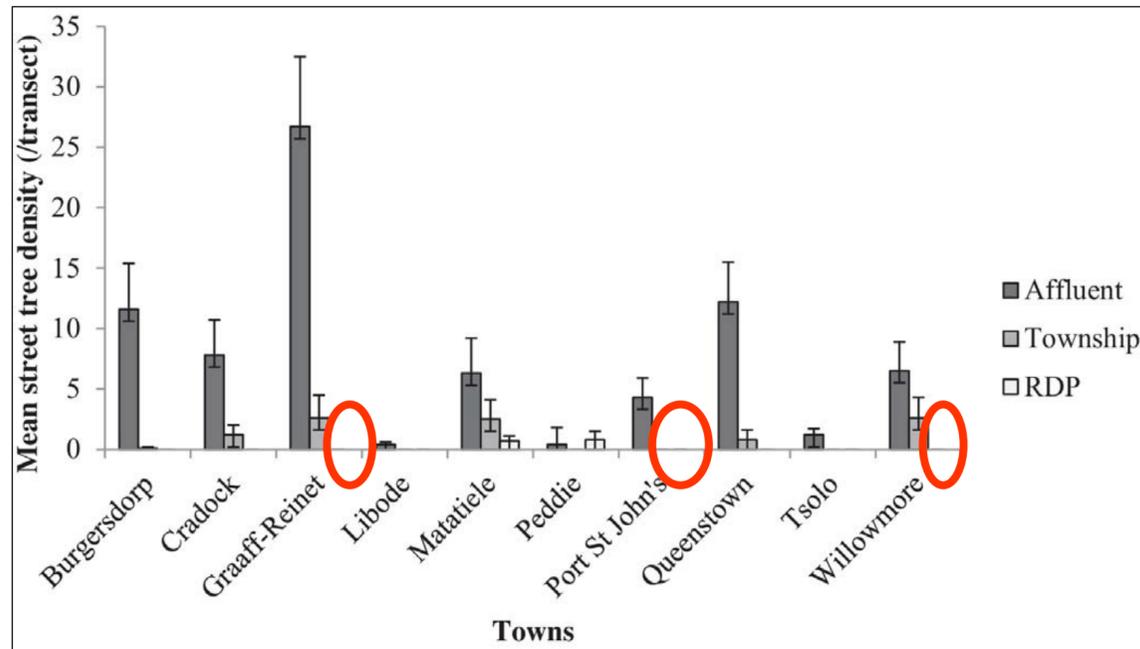
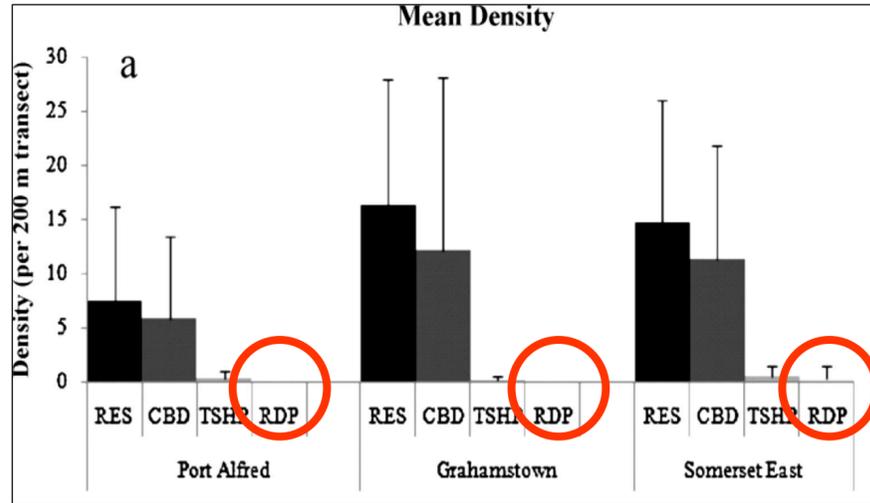
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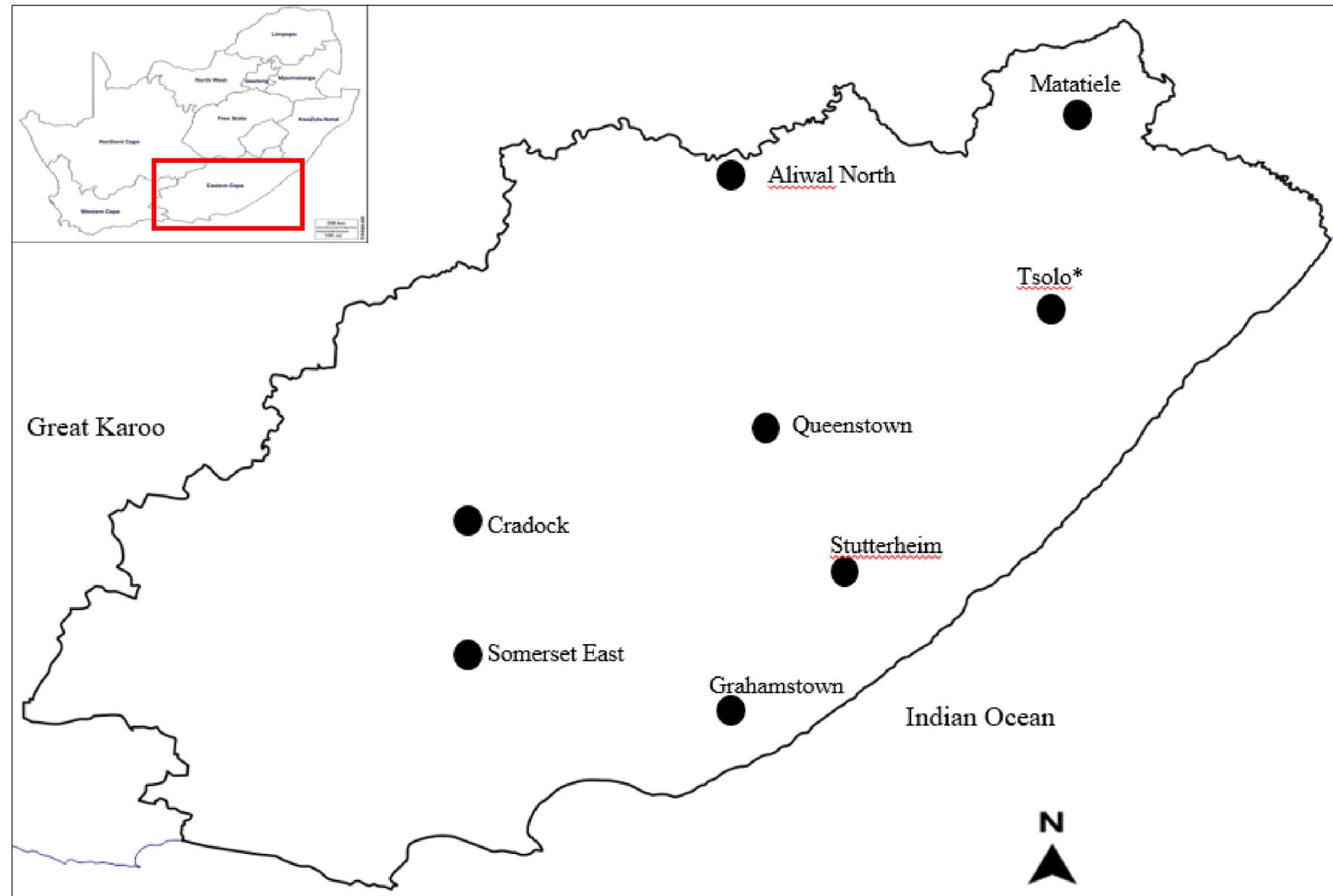
Rhodes University



Background



Study Site & Methods



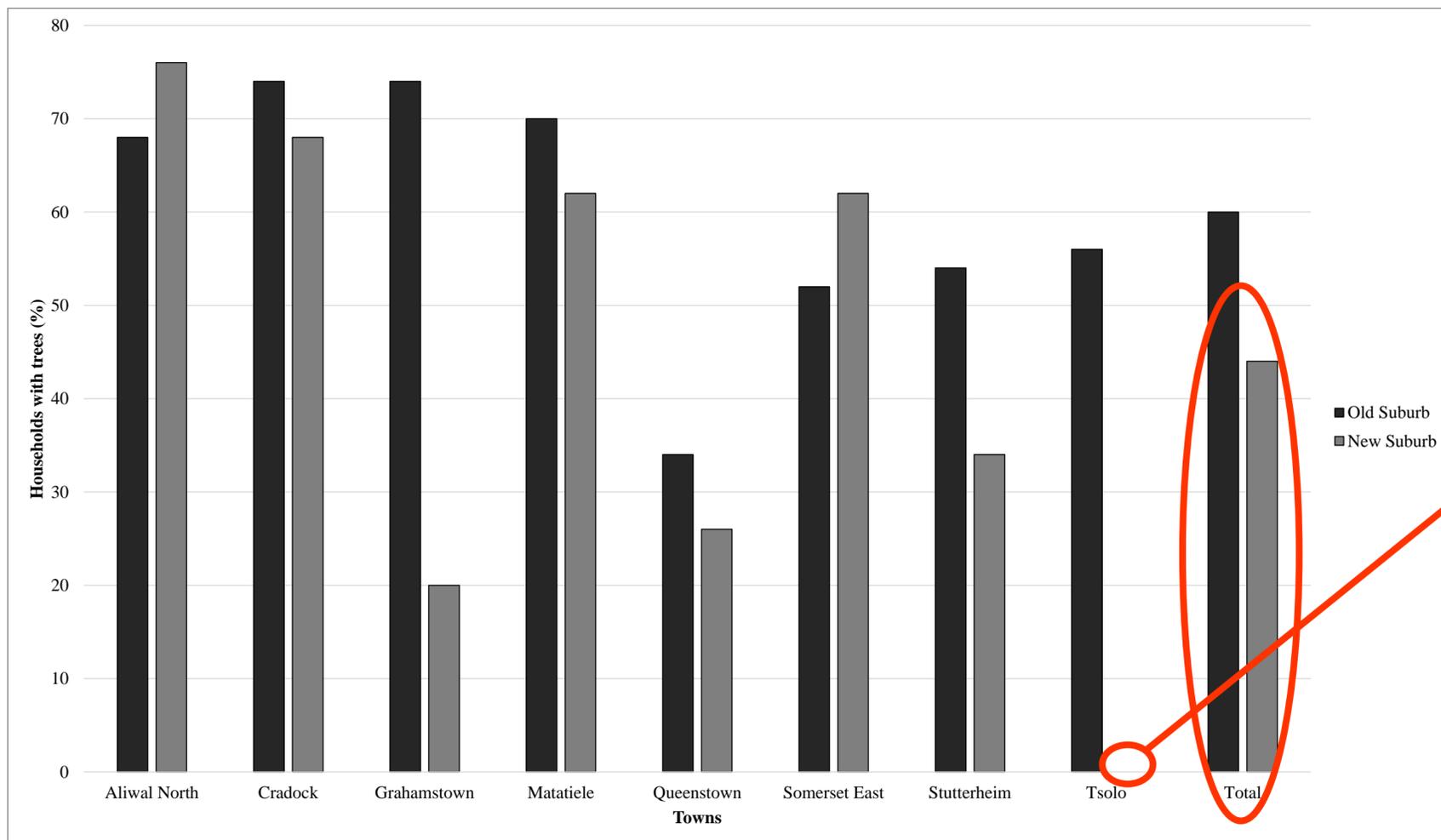
8 Towns; 8 Municipal
Officials
2 LCH areas/town (old &
new)
100 Households (50 & 50)

Instruments

Observation (public space)
Household surveys: Trees planted/removed in
private space; Barriers to & enablers of tree
planting
Key informant interviews: Barriers to &
enablers of tree planting between suburbs

Key Finding 1 (Urban trees)

- Two trees in the public space (Matatiele) (Gwedla and Shackleton, 2017)



Picture: New RDP area in Tsolo; no trees present in private spaces (Photo by Researcher)

Key Finding 2 (Public space)

Identified Barriers	Number of mentions ¹ by Suburb Type		Mean±SE N=800
	Old (n=400)	New (n=400)	
Limited Space	167	154	0.40±0.2
Municipal Incompetence	219	220	0.55±0.02
Crime	111	60	0.21±0.01
Other	77	89	0.21±0.01
Mean number of barriers per household	2.30±0.04	2.14±0.04	2.20±0.03

Suggested Enabler	Number of mentions ¹ by Suburb Type		Mean±SE N=800
	Old (n=400)	New (n=400)	
Allocation of space	143	118	0.33±0.02
Enlisting of community skills set	311	303	0.77±0.01
Attitude towards trees	137	136	0.34±0.02
Other	24	49	0.10±0.01
Mean number of enablers per household	2.60±0.04	2.60±0.04	2.60±0.03

**Limited
Financial
Resources**

Lack of
Infrastructure
Development

Vandalism

**Environmental
Management
Plans**

Financial
Injections

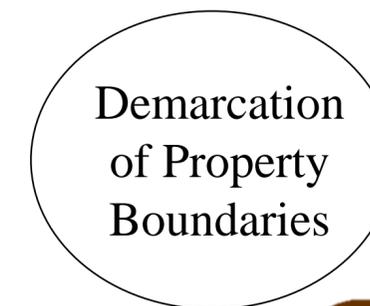
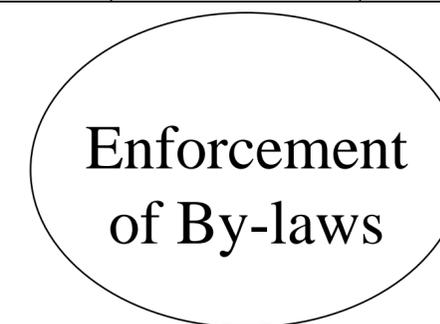
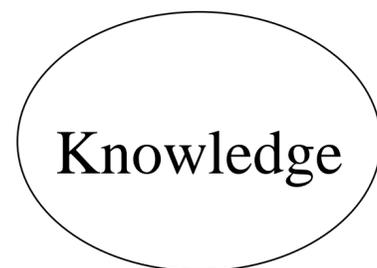
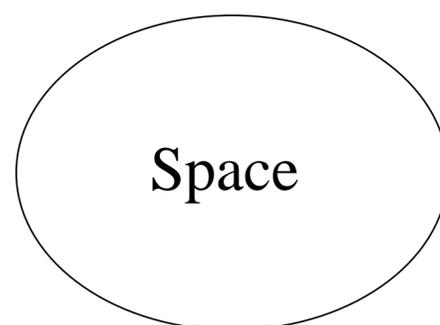
Inter-
departmental
Collaborations &
Partnerships



Key Finding 3 (Private Space)

Identified Barriers	Number of mentions ¹ by Suburb Type		Mean±SE N=800
	Old (n=400)	New (n=400)	
Limited Space	218	247	0.60±0.02
Insufficient Funds	121	171	0.40±0.02
Vandalism	120	155	0.34±0.02
Other	49	54	0.13±0.01
Mean barriers per household	2.20±0.04	2.90±0.05	2.52±0.04

Suggested Enabler	Number of mentions ¹ by Suburb Type		Mean±SE N=800
	Old (n=400)	New (n=400)	
Availability of space	123	131	0.32±0.02
Availability of funds	177	181	0.50±0.02
Attitude towards trees	82	95	0.22±0.01
Other	82	80	0.20±0.01
Mean number of enablers per household	2.60±0.04	2.60±0.03	1.73±0.02





**World Forum on
Urban Forests**
Mantova 2018

Moving Forward

Holistic Engagement



Education + Awareness

Enhancement of
Enablers

Partnerships

Community Participation +
Consultation

Volunteering



Logos and graphics include:

- agriculture, forestry & fisheries (Department: Agriculture, Forestry and Fisheries, REPUBLIC OF SOUTH AFRICA)
- environmental affairs (Department: Environmental Affairs, REPUBLIC OF SOUTH AFRICA)
- Cooperative Governance Traditional Affairs
- SOUTH AFRICAN LOCAL GOVERNMENT ASSOCIATION (SALGA) - Inspiring service delivery
- UNIVERSITIES SOUTH AFRICA
- GOING FORWARD TOGETHER (GRA) - GRAHAMSTOWN RESIDENTS' ASSOCIATION
- IERM (Institute of Environment and Recreation Management)
- CORPORATE SOCIAL RESPONSIBILITY (Circular diagram with Environment, Community, Workplace, Marketplace)
- greenworks (REDUCE REUSE RECYCLE RESPECT)
- NATIONAL ARBOR MONTH (Forests and Sustainable Cities)
- Food & Trees For Africa (www.trees.co.za)
- "One Tree One Child Project"



esl

"Greening our areas, one community & one tree at a time"

You are cordially invited to a community tree planting event led by the Area C community, Matatiele.

Venue: Matatiele Town Hall
Date: Thursday, 14 June 2018
Time: 11h00

Your attendance will be highly appreciated!



MATATIELE LOCAL MUNICIPALITY

2018/19 INTEGRATED DEVELOPMENT PLAN (IDP) REVIEW

2018/19



RHODES UNIVERSITY
Where leaders learn



Acknowledgements

**DST/NRF SARCHI Chair: Interdisciplinary Science in
Land & Natural Resource Use for Sustainable Livelihoods**



**NRF/IIASA Southern African
Systems Analysis Centre (SASAC)**



Residents, ward councillors & committees, and municipal officials from the following municipalities:

