



GeoSpace International: Previous Projects

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Business Division													
A - Aerial Photography B - Census C - Field Surveys					D - Consulting E - Hexagon Geospatial F - GeoFarmSA								
Year		Country	Business Division						Project Name	Project description	Client / Beneficiary / Sponsor		
Start	Finish		A	B	C	D	E	F			Name & Contact	URL	Contact details
2017	2020	South Africa		X	X	X	X		StatsSA: Corporate GIS	Implementation, Application development, training and maintenance of Corporate GIS for StatsSA Head Office and provincial offices on the Hexagon Geospatial Software platform. Software include M.App Enterprise (incorporating SmartClient for Census and Smart M.Apps) and Geospatial Portal and GeoMedia desktop GIS.	StatsSA	www.statssa.gov.za	Dr Pali Lehoha palil@statssa.gov.za
2008	2017	South Africa	X					X	CD: NGI Digital Mapping Camera (DMC) operator contract	Digital aerial photography for Chief Directorate: National Geo Information (CD: NGI). Part of the national aerial photography programme for ortho photos and updating of topographical maps. Coverage: 2008/9: Limpopo and part of Free State; 2009/10: Eastern Cape and parts of Northern Cape; 2010/11: Gauteng, Western Cape, North West and part of Mpumalanga. In 2011 the second 3-year contract was again awarded to GeoSpace. Since 2011 the entire South Africa is covered by 50 cm GSD imagery every three years.	Chief Directorate: National Geospatial Information, Dept of Rural Development and Land Reform	www.dla.gov.za	Dr DG Clarke dclarke@sli.wcape.gov.za
2017	2018	South Africa	X					X	CD: NGI Digital Aerial Photography	Digital aerial photography for Chief Directorate: National Geo Information (CD: NGI). Part of the national aerial photography programme for ortho photos and updating of topographical maps. Since 2017 the resolution of the imagery changed from 50cm to 30cm.	Chief Directorate: National Geospatial Information, Dept of Rural Development and Land Reform	www.dla.gov.za	Dr DG Clarke dclarke@sli.wcape.gov.za
2016	2019	Mozambique							UNFPA - Trust Fund	Technical support on Census to the 2017 Population and Housing Census of Mozambique	Instituto Nacional de Estatistics (INE)	www.ine.gov.mz	Ms Won Young Hong whong@unfpa.org
2016	2017	South Africa			X	X			NIDS Field Data Collection – Wave 5	National panel survey field data collection for about 12000 households using digital data collection instruments including the capturing of anthropometric data. This is the fourth time that GeoSpace has been involved in the NIDS fieldwork project using CAPI.	SALDRU - UCT	www.nids.uct.ac.za	Mr. Michael Brown +27 725931832
2014	2015	South Africa			X	X			NIDS Field Data Collection – Wave 4	National panel survey field data collection for about 12000 households using digital data collection instruments including the capturing of anthropometric data.	SALDRU - UCT	www.nids.uct.ac.za	Mr. Michael Brown +27 725931832


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2014	2015	Lesotho	X	X		X			2016 Population and Housing Census: provision of technical assistance in Census Cartography and Geographical Information Systems (GIS)	Development, implementation and project management of a total mapping solution for the 2016 Population and Housing Census. This included: Methodology Development; 50cm Digital Aerial Ortho Phototography; WEB-GIS (SmartClient for Census) development and implementation; Preparation of Census mapping project document; Theoretical and application specific training on all phases of the project; Technical support; and Project Management.	Lesotho Bureau of Statistics	www.bos.gov.ls	Mr Samuel Litsiba ts.litsiba@bos.gov.ls +26658708182
2013	2014	South Africa				X	X		GCRO Quality of Life Status survey	Socio economic survey of 28 000 respondents in Gauteng province using electronic questionnaires on tablet computers.	Gauteng City-Region Observatory (GCRO)	www.gcro.ac.za	Dr David Everatt david.everatt@gcro.ac.za
2011	2012	Tanzania	X	X		X	X		Supply of digital aerial photography (DAP), atellite imagery and technical support for 2012 Population and Housing Census of Tanzania	Provision of DAP , Very high resolution satellite imagery, Methodology development, Training, Technical Assistance, Project Management and Application Development in support of pre-enumeration census mapping for the 2011 Population and Housing Census	National Bureau of Statistics(NBS) United Nations Population Fund (UNFPA)	http://countryoffice.unfpa.org/tanzania/ http://www.nbs.go.tz/	Mr Samweli Mosokwa msokwa@unfpa.org Mr Vincent Mugaya vinmugaya@nbs.go.tz
2011	2012	Lesotho					X		GIS web application and spatial database creation	The development of a spatial database and web based GIS application with linkages to the MIS for the MCA-Lesotho	Millennium Challenge Account - Lesotho	www.mca.org.ls	Mr. Mohlomi Lithokoe +26658881120
2012	2012	South Africa				X	X		NIDS Field Data Collection – Wave 3	National panel survey field data collection for about 12000 households using digital data collection instruments including the capturing of anthropometric data	SALDRU - UCT	www.nids.uct.ac.za	Mr. Michael Brown +27 725931832
2011	2011	South Africa				X	X		NIDS Field Data Collection – Wave 2 Phase 2	National panel survey field data collection for 960 odd households using digital data collection instruments	SALDRU - UCT	www.nids.uct.ac.za	Mr. Michael Brown +27 725931832
2011	2011	Namibia		X					Census GIS support	EA/SA Demarcation and map creation and printing for the 2011 census in Namibia	National Planning Commission	www.npc.gov.na	Mr Hangula +264612834056 Ms Ottilie Mwazi omwazi@npc.gov.na
2010	2011	Botswana	X						Digital Aerial Photography and Mapping	Digital Aerial Photography and Mapping	Directorate of Surveys and Mapping		


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2010	2010	Namibia	X						Provision of satellite imagery and digital aerial photography for the 2011 census of Namibia	Provision of 2.5m natural colour SPOT imagery for and area covering 286,000 km sq. Digital aerial photography for 40 urban areas in Namibia	National Planning Commission	www.npc.gov.na	Mr Hangula +264612834056 Ms Ottilie Mwazi omwazi@npc.gov.na
2010	2010	South Africa	X						Digital aerial photography	Digital aerial photography covering a total of 1.9m ha in parts of 27 municipalities. The imagery is to be used for the pre-enumeration mapping of the 2011 Population and Housing Census.	StatsSA	www.statssa.gov.za	Mr Pali Lehohla pali@statssa.gov.za Mr Nick Grobbelaar nick@statssa.gov.za
2009	2010	South Africa	X						Digital Aerial Photography, ortho-photo creation and DTM creation	Geospace was appointed to provide Digital aerial photography, Ortho-photos and a DTM for use in mining rehabilitation studies during 2009 and 2010. Total area covered (5 areas two appointments) 5500 sq km	Digby Wells and Associates	http://www.digbywells.co.za/	Bradley Thornton +27 11 789 9495
2008	Ongoing	South Africa	X						Digital aerial photography	Photography (0.25m - 0.4m GSD) of the main metropolitan areas in RSA: Johannesburg, Pretoria, Durban, Cape Town, Bloemfontein, East London, Port Elizabeth. GeoSpace now have an ongoing contract to provide imagery to Teletlas as and when required.	Teletlas	www.teleatlas.com	Johan Jonker +27 12 3456700
2008	2011	Namibia		X		X			Census Mapping Consultancy and census technical support contract by Lux Development	Project Management, Training, Technical Assistance and Application Development for the 2011 Population and Housing Census focusing on Census Mapping, GPS and GIS operations	National Planning Commission Lux Development	www.npc.gov.na www.lux-development.lu	Dr Alex Verlinden +264811221929 alex.verlinden@npc.gov.na
2008	2011	Swaziland				X			Mapping HIV/Aids Interventions	Developing and implementation of a GIS and geospatial database at NERCHA to facilitate planning, implementation and monitoring of HIV/Aids interventions with relevant training and support	The National Emergency Response Council on HIV/AIDS The African Development Bank	http://www.nercha.org.sz/ www.afdb.org	Me. Thembi Gama +26876145907
2002	Ongoing	South Africa					X		Intergraph SG&I and ZI Imaging Maintenance	Provision of technical support to several clients as part of the software (Intergraph SG&I) and hardware (DMC system) sales agreement.	Clients include: CDSM, SANRAL and Teletlas	www.dla.gov.za www.nra.co.za www.teleatlas.com	
2002	Ongoing	Namibia					X		Intergraph SG&I and ZI Imaging Maintenance	Provision of technical support as part of the software and hardware (Intergraph) sales agreement.	National Planning Commission	www.npc.gov.na	Mr Hangula +264612834056 Ms Ottilie Mwazi omwazi@npc.gov.na
1999	Ongoing	South Africa	X						Digital aerial photography	GeoSpace has done digital aerial photography for several clients since 1999. Our archive covers a bigger area than the size of South Africa.	Various clients		


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2009	2009	Mozambique	X						Digital aerial photography	Photography, aerial traingulation and ortho photo creation for 1.7million hectares in NE-Mozambique	Land Resources International	www.lreye.com	James Brodie +27 33 392 8360
2009	2009	South Africa	X						Digital aerial photography	Photography, aerial traingulation and ortho photo creation for the Knysna and Mosselbay municipalities	Land Resources International	www.lreye.com	James Brodie +27 33 392 8360
2006	2009	South Africa				X			Tshwane Geomatics GIS consultancy contract	Provision on GIS services to Geomatics Department – City of Tshwane. This was a 3-year contract where cadastral land parcels and networks (pipelines, etc.) were captured on GIS. 30 GeoSpace GIS operators were full-time on-site for the duration of the project. GeoSpace provided the GIS operators and the management of the staff and their work.	City of Tshwane: Geomatics Department	www.tshwane.gov.za	
2009	2009	South Africa			X				SA Post Office (SAPO) address project	GPS Field survey to collect basic information on infrastructure, services and households. The information is used for the SAPO address roll-out that will eventually cover the entire country.	SA Post Office	www.sapo.co.za	
2006	2009	South Africa				X			PALAMA Massified Induction Programme (MIP)	Developing of a statistical model to estimate the number of new entrants into the civil service per annum for national departments as well as provincial departments. Developing of induction targets based on the models. Providing project management and related IT services during implementation of MIP.	Public Administration Leadership and Management Academy	www.palama.gov.za	Mr Solly Mogaladi solly@palamai.gov.za
2007	2009	South Africa				X			Consultancy	Geospatial Systems Development: Design and implementation of topographical map information system. This includes Database design, design and implementation of a revised data model for all divisions within the Mapping Agency, including Ancillary Data, Triangulation, Elevation Capture, Orthophoto Production, Map Compilation, Map Data Processing, Cartography, Geodetic and Sales and Marketing. Data cleaning and the creation of a new Feature Classification system based on International Mapping Agency best practices was adopted and implemented by GeoSpace.	Chief Directorate Surveys and Mapping, Dept of Rural Development and Land Reform	www.dla.gov.za	Dr DG Clarke dclarke@sli.wcape.gov.za


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2008	2009	Nigeria		X		X				World Bank GDDS2 - GIS and small areas statistics	Conducting of a situational assessment and the preparation of a GIS Strategy and Specification document for the National Bureau of Statistics (NBS). A study tour of a delegation from NBS and the National Population Commission (NPC) to StatsSA was also facilitated by GeoSpace.	National Bureau of Statistics(NBS) National Population Commission (NPC) The World Bank	www.nigerianstat.gov.ng www.population.gov.ng www.worldbank.org/data/gdds	Mr Ronald Luttkhuizen rluttkhuizen@worldbank.org +12024585595
2008	2009	South Africa	X							Aerial photography	Digital aerial photography to be used for 2011 population and housing census. 7000 x 1:10000 ortho photo sheets covering a total area of 18.8m ha	StatsSA	www.statssa.gov.za	Mr Pali Lehoha palil@statssa.gov.za
2008	2009	Ghana		X						World Bank GDDS2 - GIS and small areas statistics	Review and ammendmend of 2011 census mapping status and methodology. Assessment of GIS office infrastructure and provision of technical assistance with GIS implementation. Database design and implementation. Preparation of satellite image base map specifications. Training in ArcGIS software as well as census mapping methodology and applications.	Ghana Statistical Service The World Bank	www.statsghana.gov.gh/ www.worldbank.org/data/gdds	Mr Ronald Luttkhuizen rluttkhuizen@worldbank.org +12024585595
2007	2009	Zambia		X		X				World Bank GDDS2 - GIS and small areas statistics	Review and ammendmend of 2011 census mapping status and methodology. Assessment of GIS office infrastructure and provision of technical assistance with GIS implementation. Preparation of satellite image base map specifications. Database design and implementation.	Central Statistical Office The World Bank	www.zamstats.gov.zm www.worldbank.org/data/gdds	Mr Ronald Luttkhuizen rluttkhuizen@worldbank.org +12024585595
2008	2009	Sudan					X			World Bank GDDS2 - Health	Situational assessment, user analysis and preparation of a functional specification for Sudan Health Statistics data warehouse.	Central Bureau of Statistics The World Bank	www.cbs.gov.sd www.worldbank.org/data/gdds/ /	Mr Ronald Luttkhuizen rluttkhuizen@worldbank.org +12024585595
2008	2009	Lesotho						X		World Bank GDDS2 - Health	Situational assessment, user analysis, preparation of a functional specification and detail design of Lesotho Health Statistics data warehouse. Hands on training and skill transfer were also provided.	Bureau of Statistics The World Bank	www.bos.gov.ls www.worldbank.org/data/gdds	Mr Ronald Luttkhuizen rluttkhuizen@worldbank.org +12024585595
2008	2009	Southern Sudan		X		X				Census boundary verification project	Provision of Census Mapping technical consultancy services together with partner company Infoterra to the UNFPA in Southern Sudan. Census mapping methodology development, training, technical support and project management services	Southern Sudan Commission for Census, Statistics and Evaluation (SSCCSE) UNFPA	http://ssccse.org www.unfpa.org	Mr Roger Hare rogerhare2005@yahoo.co.uk


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2008	2008	South Africa				X			GTZ Consultancy	Conducting of survey amongst National Departments in South Africa on the use of GIS including software and data.	Office of the President http://www.thepresidency.gov.za/ GTZ http://www.gtz.de/en/	www.thepresidency.gov.za	Mr Ernst Hustaedt@gtz.de
2007	2008	The Gambia		X		X			World Bank GDDS2 - GIS and small areas statistics	Situational assessment and preparation of a GIS functional specification and budget. Preparation of GIS strategy document. Training on GIS basic concepts and definitions and GIS in statistical agencies. Development of census mapping methodology and the preparation of Census mapping project document.	Central Statistics Department The World Bank	www.gambia.gm/Statistics www.worldbank.org/data/gdds	Mr Ronald Luttkhuizen rluttkhuizen@worldbank.org +12024585595
2008	2008	Malawi		X		X			World Bank GDDS2 - GIS and small areas statistics	Situational assessment and preparation of a GIS functional specification with timelines and budget. Staff skills assessment. Preparation of GIS strategy document including short- and long term goals. Training on the use and relevance of GIS at the NSO.	National Statistical Office http://www.nso.malawi.net/ The World Bank www.worldbank.org/data/gdds	www.nso.malawi.net www.worldbank.org/data/gdds	Mr Ronald Luttkhuizen rluttkhuizen@worldbank.org +12024585595
2008	2008	Mauritius				X			World Bank GDDS2 - Justice and Security	Workshop presentations and Technical assistance in database design, implementation and use for justice and security statistics.	The World Bank www.worldbank.org/data/gdds	www.worldbank.org/data/gdds	Mr Ronald Luttkhuizen rluttkhuizen@worldbank.org +12024585595
2008	2008	Namibia		X		X			GIS Consultancy and census technical support contract by Lux Development	Methodology Development, database design and implementation, training and pilot for 2011 census mapping	National Planning Commission Lux Development	www.npc.gov.na www.lux-development.lu	Dr Alex Verlinden +264811221929 alex.verlinden@npc.gov.na
2008	2008	Namibia				X			Consultancy contract by Lux Development	Situational assessment of the Central Bureau of Statistics and Scoping of the technical assistance to be provided by Lux Development for the period 2008 – 2010 to the Central Bureau of Statistics, Namibia	National Planning Commission Lux Development	www.npc.gov.na www.lux-development.lu	Dr Alex Verlinden +264811221929 alex.verlinden@npc.gov.na
2007	2007	Seychelles				X			World Bank GDDS2 - GIS and small areas statistics	Assessment and review of GIS infrastructure and census mapping methodology. Drafting of application specific documentation on census mapping and data base creation and maintenance. Training in database creation, integration, linking and georeferencing techniques.	National Statistics Bureau http://www.nsb.gov.sc/ The World Bank www.worldbank.org/data/gdds	www.nsb.gov.sc www.worldbank.org/data/gdds	Mr Ronald Luttkhuizen rluttkhuizen@worldbank.org +12024585595
2005	2006	South Africa	X						Digital Aerial Photography acquisition project	Digital aerial photography of 5 municipalities in South Africa covering 1.1 million hectares. Image base maps being used as part of methodology for StatsSA's Dwelling Unit Frame Project.	StatsSA	www.statssa.gov.za	Mr Pali Lehoha pali@statssa.gov.za


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2005	2006	South Africa		X	X					Dwelling unit frame pilot	Pilot project involving GPS fieldwork and GIS office work covering 5 municipalities in South Africa to develop a rural dwelling frame to be used by censuses and household surveys	StatsSA	www.statssa.gov.za	Mr Pali Lehoha palil@statssa.gov.za
2005	2006	Lesotho		X	X	X	X			Pre-enumeration mapping for Census 2006	Development, implementation and project management of a total mapping solution for the 2006 Population and Housing Census. This included: Methodology Development; GIS implementation; Preparation of Census mapping project document; Theoretical and application specific training on all phases of the project; Technical support; and Project Management.	Bureau of Statistics	www.bos.gov.ls	Mr Samuel Litsiba ts.litsiba@bos.gov.ls +26658708182
2005	2006	Lesotho			X	X	X			Electricity infrastructure audit	Surveying of all electricity meters in Lesotho and developing of reporting system on electricity infrastructure.	Lesotho Electricity Company www.lec.co.ls	www.lec.co.ls	
2005	2005	Sudan		X		X				UNFPA Technical support to Population and Housing Census	Evaluation of census mapping methodology for Sudan (South and North). Preparation of a GIS-based census mapping methodology document with detailed methodology, timelines and budget.	Central Bureau of Statistics (N-Sudan) Southern Sudan Commission for Census, Statistics and Evaluation (S-Sudan)	www.cbs.gov.sd http://ssccse.org www.unfpa.org	
2004	2005	South Africa			X					Infrastructure audits	Surveying and mapping of 80 000 power line poles and collection of attribute data using a combination of high precision GPS data loggers and GIS.	ESKOM http://www.eskom.co.za		Mr Adri de la Rey +27833166986
2004	2005	South Africa			X	X				Social Grant Impact Survey	National survey involving 7,000 grant recipients. The selected recipients were visited twice during the study as well as a single visit to a control group of 7000 respondents making the total size of the fieldwork component 21,000 questionnaires. GeoSpace provided the mapping solution as well as the fieldwork and project management for the entire survey. Note: original scope of project was 28,000 questionnaires but it was eventually reduced to 21,000 on request of the client.	Department of Social Development	www.dsd.gov.za	
2003	2004	South Africa			X					Infrastructure audits	Surveying and mapping of 80 000 power line poles and collection of attribute data using a combination of high precision GPS data loggers and GIS.	ESKOM	www.eskom.co.za	Mr Adri de la Rey +27833166986


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2004	2004	Ethiopia		X		X			World Bank GDDS1 - GIS consultancy	Technical consultancy on the use of GIS, satellite imagery and related technologies in the 2007 Population and Housing Census in Ethiopia.	Central Statistica Agency of Ethiopia The World Bank	www.csa.gov.et www.worldbank.org/data/gdds	Mr Graham Eele geele@worldbank.org
2004	2004	Lesotho			X	X	X		EGIS and school location planning	Development and implementation of a web-based Education GIS (EGIS) and school location planning system covering all education facilities in the whole of Lesotho. GeoSpace (also) developed a paperless field data collection application involving field computers and blue tooth GPS. Fieldwork was done by MOET staff. During implementation GeoSpace provided training, technical support and project management services.	Ministry of Education and Training (MOET) The World Bank	www.education.gov.ls www.worldbank.org	Dr Kinandu Muragu muragok@education.gov.ls
2004	2004	Swaziland				X			World Bank GDDS1 GIS training	Training in GIS concepts and definitions and software specific training on GeoMedia Professional.	Central Statistics Office The World Bank	www.gov.sz www.worldbank.org/data/gdds	Mr Graham Eele geele@worldbank.org
2003	2003	Lesotho		X					World Bank GDDS1 GIS consultancy	Technical consultancy on the use of GIS, satellite imagery and related technology in the 2006 Population and Housing Census in Lesotho.	Bureau of Statistics The World Bank	www.bos.gov.ls www.worldbank.org/data/gdds	Mr Graham Eele geele@worldbank.org
2003	2003	Swaziland				X			World Bank GDDS1 GIS consultancy	Situational assessment of GIS and the preparation of a GIS strategy and implementation plan.	Central Statistics Office The World Bank	www.gov.sz www.worldbank.org/data/gdds	Mr Graham Eele geele@worldbank.org
2002	2002	Tanzania	X						Dar es Salaam 20,000 Plots Project	Digital aerial photography for parts of Dar es Salaam. This was used as the basis for the establishment of a revenue collection system for 20 000 plots in Dar es Salaam.	Surveys and Mapping Division		Mr Masele
2001	2002	South Africa	X	X	X	X			Nelson Mandela HIV/AIDS Prevalence Survey	Providing the mapping solution for the HSRC's master sample, through the use of GIS, digital aerial photography (covering close to 1,000 sampled areas all over South Africa), GPS and a bulk map printing application. GeoSpace also provided the technical support and project management services for the entire survey.	Human Sciences Research Council (HSRC) http://www.hsrc.ac.za/	www.hsrc.ac.za	Dr FM Orkin +27833103100


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2001	2002	Tanzania	X	X	X				Sida support to the 2002 Population and Housing Census in Tanzania Provision of a digital mapping solution for part of the census. This included the creation of digital aerial photography for 110 urban areas in Tanzania, census enumeration area (EA) demarcation methodology development and training, creation and printing of all census maps for project area, and project management. The project covered about 15,000 enumeration areas.	National Bureau of Statistics Sida	www.nbs.go.tz www.sida.se	Ms Vincent Mugaya vinmugaya@nbs.gov.tz +255784272121	
2000	2001	South Africa	X		X				Census 2001 pre-enumeration mapping project Updating of the 1996 census enumeration area boundaries through the use of digital aerial photography, fieldwork and GIS. Deliverable was spatial data base with current image base map and updated EA boundaries and attribute data.	StatsSA	www.statssa.gov.za	Mr Moses Sidindi mosess@statssa.gov.za +27828882232	
1999	2001	Namibia	X	X	X	X	X		Pre-enumeartion mapping project for the 2001 Population and Housing Census Provision of a complete digital mapping solution for the 2001 Population and Housing Census in Namibia. This included: GIS implementation; Data base design, testing and implementation; Creation of EA base maps through mapping and digital aerial photography; EA demarcation methodology development and training, Development of map printing tool; Creation and printing of all maps for the census; and Project management.	National Planning Commission	www.npc.gov.na	Mr Hangula +264612834056 Ms Ottilie Mwazi omwazi@npc.gov.na	
1998	1999	South Africa					X	X	Topographic information system project Design and structure of the geospatial database on an Intergraph platform. Establishment of interfaces between different software packages and equipment as well as the development of additional functionality to deal with the capture, structuring and movement of large topographical data sets.	Chief Directorate Surveys and Mapping, Dept of Rural Development and Land Reform	www.dla.gov.za	Dr DG Clarke dclarke@sli.wcape.gov.za	
1997	1998	South Africa			X				Project EAGLE Conversion of more than 28,000 of the 1996 census enumeration area (EA) boundaries in the informal areas of South Africa, from hardcopy to digital format, using a combination of GIS and GPS technology. This database constitutes the first EA database for South Africa.	StatsSA Electoral Commission (IEC)	Independent www.statssa.gov.za www.elections.org.za	Mr Pali Lehoha palil@statssa.gov.za	

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1995	1996	South Africa			X				Housing and Electrification Planning (HELP)	Mapping settlement boundaries and collection of attribute information on institutions, services, housing and population in the informal rural areas of nearly 17,000 settlements in South Africa. This was, at the time, our largest GPS Field Survey project. A combination of GIS and GPS technology was used to ensure a seamless flow of data between the field and the office.	ESKOM Human Settlements	Department of www.eskom.co.za www.housing.gov.za	Mr Adri de la Rey +27833166986