

Ilse Brits
Statistics South Africa Geography Division
ilseb@statssa.gov.za

The settlement patterns of South Africa have always been unique to the country. In turn this calls for very specific GIS solutions for field data collection that forms one of the back bones of a national statistical agency like Statistics South Africa. The spatial data collection methodologies that are needed for processes like demarcation, map creation and indirectly enumeration methodology and logistics needs to adapt and change to the changing settlement patterns.

This paper will look at the main categories of settlements in the country, the implications on data collection and how spatial data collection methods and GIS tools influence processes like place name demarcation, enumerator demarcation and visiting point listing.