

A brief statement of our organization's activities in photogrammetry, remote sensing and geographic information systems.



Basically, the Zimbabwe National Geospatial and Space Agency is mandated to:

- a. Develop and implement geospatial technology including precision agriculture.
- b. Implement the national earth observation strategy as defined by the ZINGSA.
- c. Develop and promote national, regional and international partnership and collaboration in geospatial science and earth observation.
- d. Develop and promote human and institutional capacity in the field of geospatial and earth observation in Zimbabwe.

Currently the organisation is undertaking a number of programmes at national level using remote sensing and geographic information systems. Activities include crop monitoring of maize, wheat, soya beans etc using satellite imagery, urban mapping using drones, environment management focusing on wetlands mapping, veld fires etc. The organisation is also working on potential mineral mapping using remote sensing for the whole country focusing on Gold, Chrome and Lithium. The organisation is also working on game count using drone for wildlife management. Together with other stakeholder like surveyor general the institute is working on mapping the whole country to update topographic maps which were last updated 15 years back.