GEOGLAM RAPP (Rangeland And Pasture Productivity), led by CSIRO, is a global initiative under GEO, the intergovernmental Group on Earth Observation. As a sub-component of GEO’s “GEOGLAM” (GEO Global Agricultural Monitoring Initiative) flagship initiative, RAPP aims to provide the global community the means to regularly monitor the condition of the world’s rangelands and pasture lands on a routine basis, and assess their capacity to sustainably produce animal protein in real-time, at global, regional and national levels.

The 4th international RAPP workshop to be held in South Africa because...

- SANSA, as an active member of RAPP Community, and DST strongly support the RAPP initiative and the workshop
  - They are fully committed to showcasing the benefits of EO technologies to the citizens of South Africa, the African continent and contribute to societal benefits/solutions through such global initiatives.
- Livestock management is a key challenge in South Africa
  - “Livestock is the largest agricultural sector in South Africa, with a population of some 13.8-million cattle and 28.8-million sheep. Stock breeders concentrate on the development of breeds that are well adapted to diverse climatic and environmental conditions.” SouthAfrica.info
- South Africa (via SANSA) has proposed “pilot sites” for RAPP (to be officially announced)

OBJECTIVES - The workshop will be the occasion to:

- **Strengthen the RAPP Community of Practice** and reaffirm the community’s involvement (pilot sites, global dashboard, R&D developments),
- **Review progress and development** of a Global Monitoring system,
- Foster information exchange with the **remote sensing and modelling community**, and identify future collaborative research involving researchers from South Africa and Africa.

PARTICIPANTS - The envisioned audience (~30 people to be personally invited) includes:

- South African and African researchers with expertise in pasture, remote sensing and modelling, particularly those with a potential interest in participating in research within the GEOGLAM RAPP framework.
- Members of the **global pasture research community** and GEOGLAM RAPP, particularly RAPP pilot sites representatives, and with potential interest in South Africa and Africa.