



our

vision

To improve the economy, society and environment through the acquisition of satellite observations of Western Australia and its oceans for research and near real-time applications.

The mission of WASTAC is to :

- provide high speed access to NOAA (TOVS and AVHRR) and SeaWiFS satellite data to members on a non-profit basis
- contribute these data for national and international initiatives in remote sensing
- adopt recognised data formats to ensure wide access to WASTAC data
- maintain the integrity of archived data for research and operational applications
- promote the development and calibration of value-added products
- ensure maximum use of NOAA and SeaWiFS data in the management of renewable resources

Future Strategies:

- develop internet quicklook and promote archived data
- update the communications, ingest and reception equipment by a process of planned asset replacement
- review future satellite reception opportunities in both S- and X-band and plan new assets (e.g. antenna) to capture these opportunities
- expand acquisition and distribution of satellite data through high speed communication links
- investigate the cost/benefits of an X-band consortium with ACRES and TERSS to provide improved national coverage of X-band reception
- identify new national and state opportunities in environmental monitoring for sustainable development utilising WASTAC satellite data
- identify new requirements for improved exploitation of WASTAC data.

Future Satellite Opportunities

Fenyung - 1c (S-band)
SPOT Vegetation Sensor (S-band)
NOAA-L (2000) (S-band)
MODIS on Terra (2000) (X-band)
MODIS on Aqua (2001) (X-band)
METOP (Replaces NOAA in 2003) (X-band)