

Northern Territory Government

Development of a satellite based rangeland monitoring program.

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Rangeland Monitoring Branch

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The Collaborative Program

- QLD Remote Sensing Centre & DLRM Partnership
- Joint Remote Sensing Research Program
 - NSW, VIC, University of QLD, TERN-AusCover

Queensland Government




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Why do we monitor the rangelands of the NT?



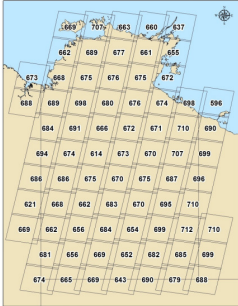
- Provide support to decision makers
- Provide objective information to assess, monitor and report upon land condition in accordance with the requirements of the NT Pastoral Land Act.

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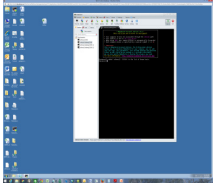
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Rangeland monitoring program – Landsat imagery



- Imagery captured 1987 - present
- NT Landsat archive = ~ 50,000
- Storage size = ~ 150 TB
- Imagery accessed via remote connection to QLD Gov HPC

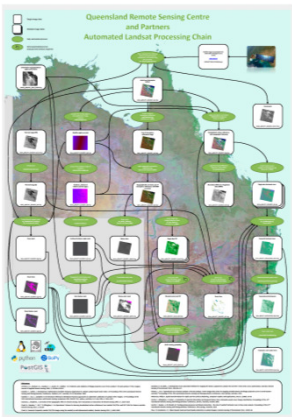


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Queensland Remote Sensing Centre and Partners Automated Landuse Processing Chain

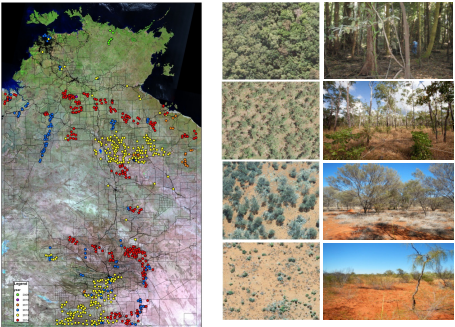


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How do you make sure the satellite data is representing the real world?



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