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# MODIS Data Processing at ACRES

**Shanti Reddy**

**A/Manager, ACRES**

National MODIS Meeting, 11-12  
May 2004 Hobart



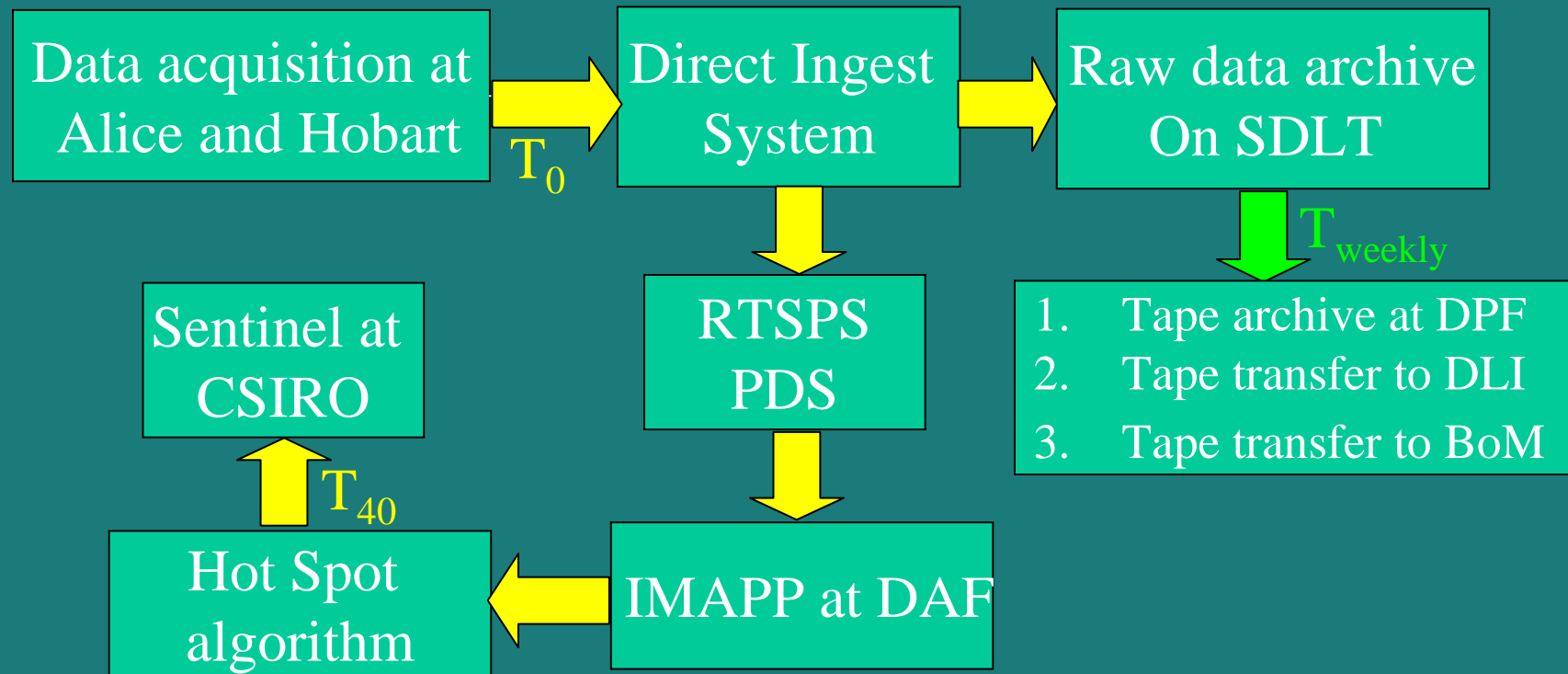
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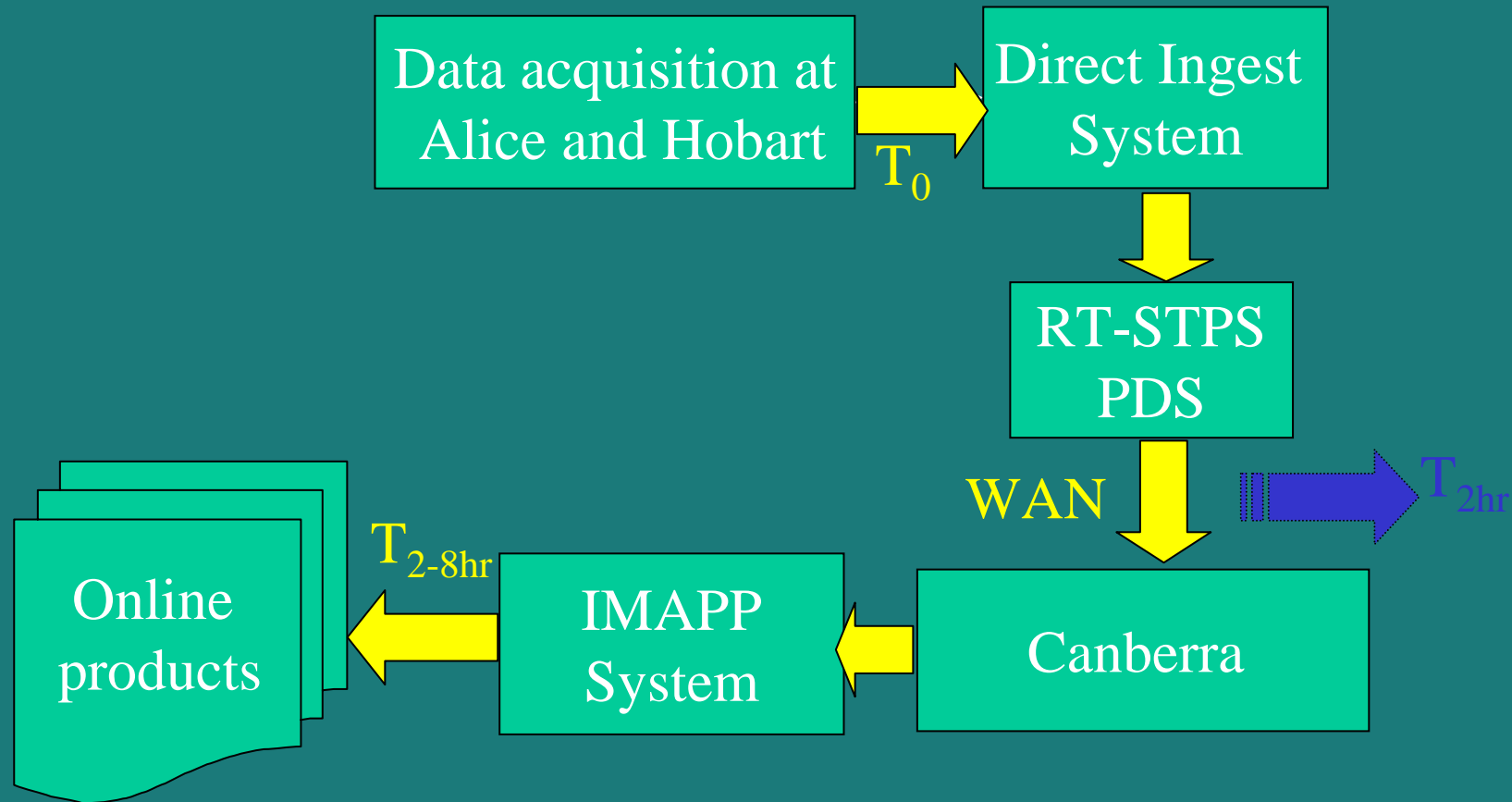
# Presentation outline

- MODIS Data processing flow at ACRES
- MODIS online product downloads
- Improvements in the last 12 months
- CRC- SI activities
- Future Plans
- Questions

# MODIS Data Processing Flow at ACRES – Part I



# MODIS Data Processing Flow at ACRES – Part II



# MODIS Online Products I

- Available for 7 days at no charge
- Available as individual bands
- Browse JPEG - Bands 1,4,3 as RGB
- Metadata file - 1 for each spatial resolution set
- User registration required

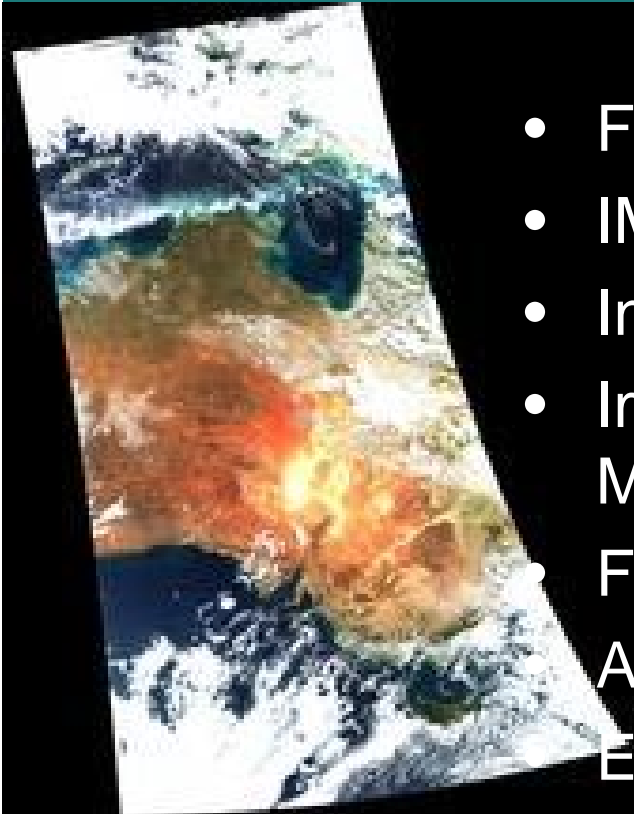
# MODIS Online Products II

- Total number of Registered NOAA users to date **866**
- Total number of registered MODIS users to date **1662**
- Total downloads in the last few months

<u>Month</u>	<u>HTTP (MB)</u>	<u>FTP (MB)</u>
Oct 2003	3 657	81 767
Nov 2003	3 920	86 607
Dec 2003	1 721	70 812
Jan 2004	1 755	68 069
Feb 2004	1 194	76 793
Mar 2004	1 856	62 985
Apr 2004	4 212	69 476

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# Improvements in the last 12 months



- Faster turn around time for online products
- IMAPP software upgraded
- Interoperable products
- Improved geo-location accuracy as a result of MS2GT bug fixes
- Full pass and segmented Level 1b products
- Archive products price reduced
- Established a test platform for R&D work

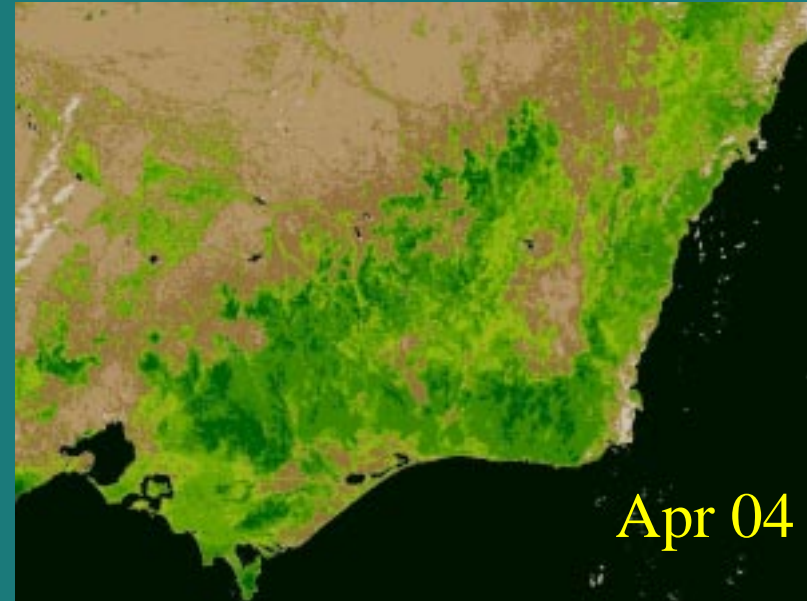
# MODIS - CRC-SI Activities

- Atmospheric (water vapour and aerosols) and BRDF correction
- Interim SMAC software supplied by DLI, installed on ACRES IMAPP development system
- Optimisation of cloud cover mask algorithm and products, MOD 35, for Australian conditions
- QA procedures for MODIS products – similar procedures and quality specifications that apply to all other ACRES image products

# Future Plans

- Focus on NRT applications, CRC-SI research activities
- NRT access to ACRES MODIS archive
- NRT Burnt Area Mapping as a part of National Disaster Mitigation Program in cooperation with DLI, WA
- NRT Vegetation Indices
- Use of MODIS for updating Seamless topographic DB vegetation layer

# Questions?



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