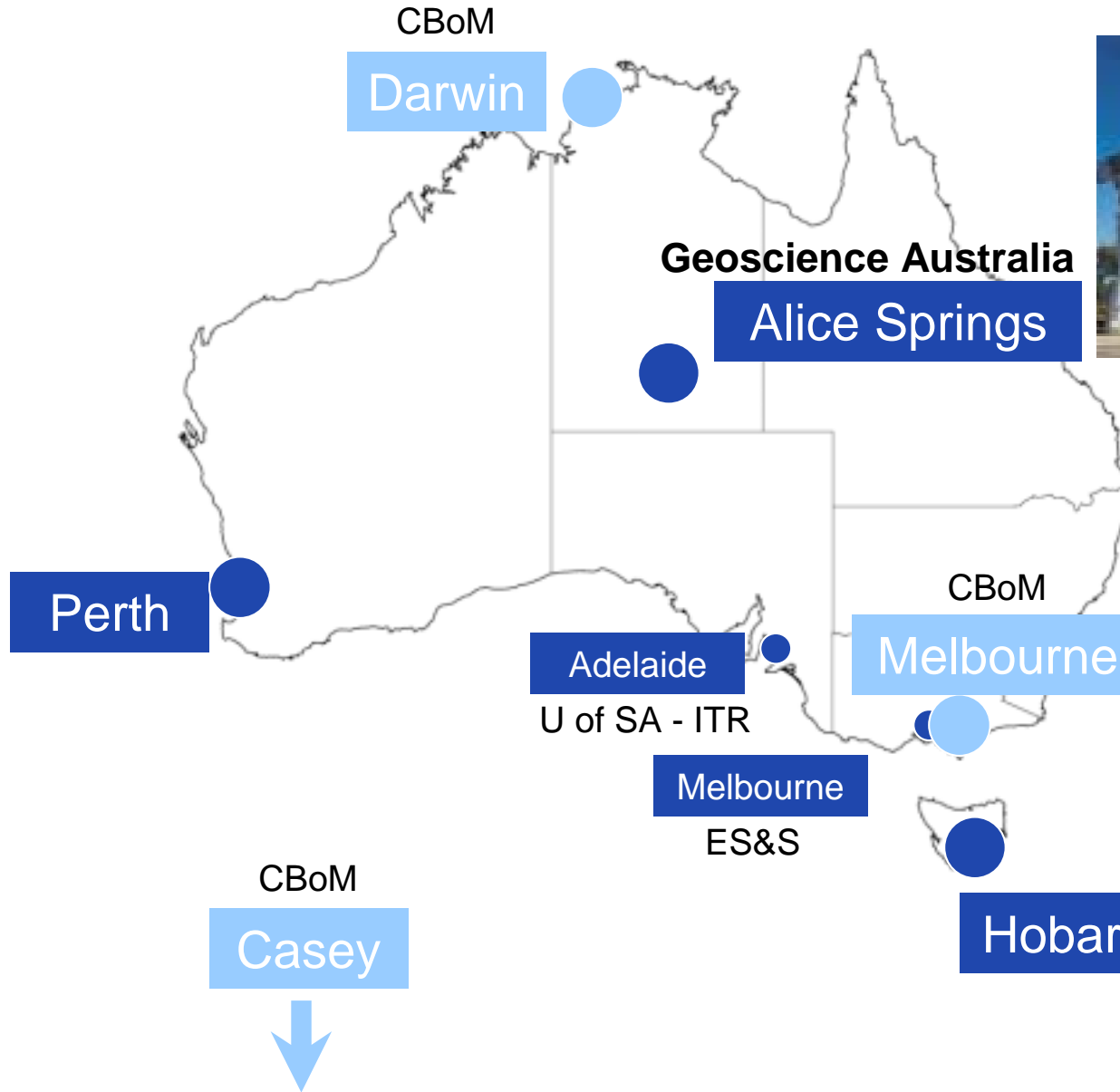


MODIS Direct Broadcast Activity in Australia

X-Band Stations



WASTAC
CSIRO
GA
CBoM
Curtin U
Murdoch U
DLI, WA



TERSS
CSIRO
GA
CBoM
U Tasmania
AAD

Level 1B - ACRES

http://www.ga.gov.au/acres/prod_ser/modisprice.htm

Coordination

<http://www.eoc.csiro.au/modis/modis.htm>

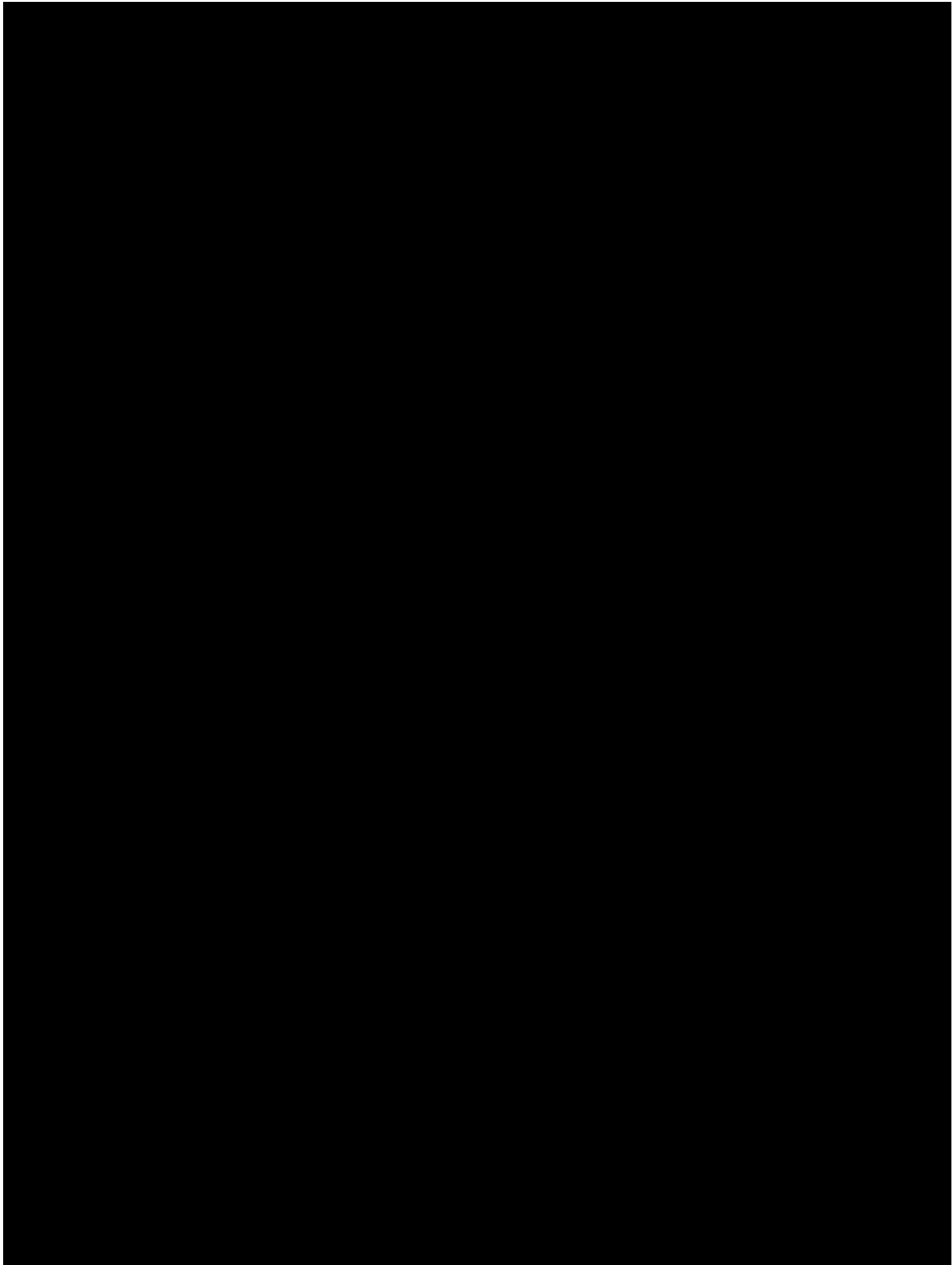
Coordination - EOC website

Coordination - Level 2 products

Application	Lead Group	Contributors
Atmosphere		
Aerosol (MOD04)	BoM	DOLA/CRC-SI GA CAR
Water Vapour (column & profile)	DOLA BoM	GA
IMAPP Cloud Mask (fine tuning required)	Curtin DOLA GA BoM	GA
Atmospheric Profile	not to be implemented, waiting for AIRS product	
Total Column Ozone	DOLA	BoM
Ocean		
Ocean Colour	CMR	Curtin
SST	CMR	Curtin
Ocean Primary Production	CMR	Curtin
Land		
Surface Reflectance (MOD09) BRDF (MOD43)	BoM (ACRES DOLA CAR)	
Land Surface Temp & Emissivity (MOD11)	CLW (Tim McVicar)	
Land Cover & Land Cover Change (MOD12)	GA CLW	
NDVI (MOD13)	CLW	
Thermal Anomalies, Fires & Biomass Burning (MOD14)	Completed (Sentinel)	Validation - DOLA

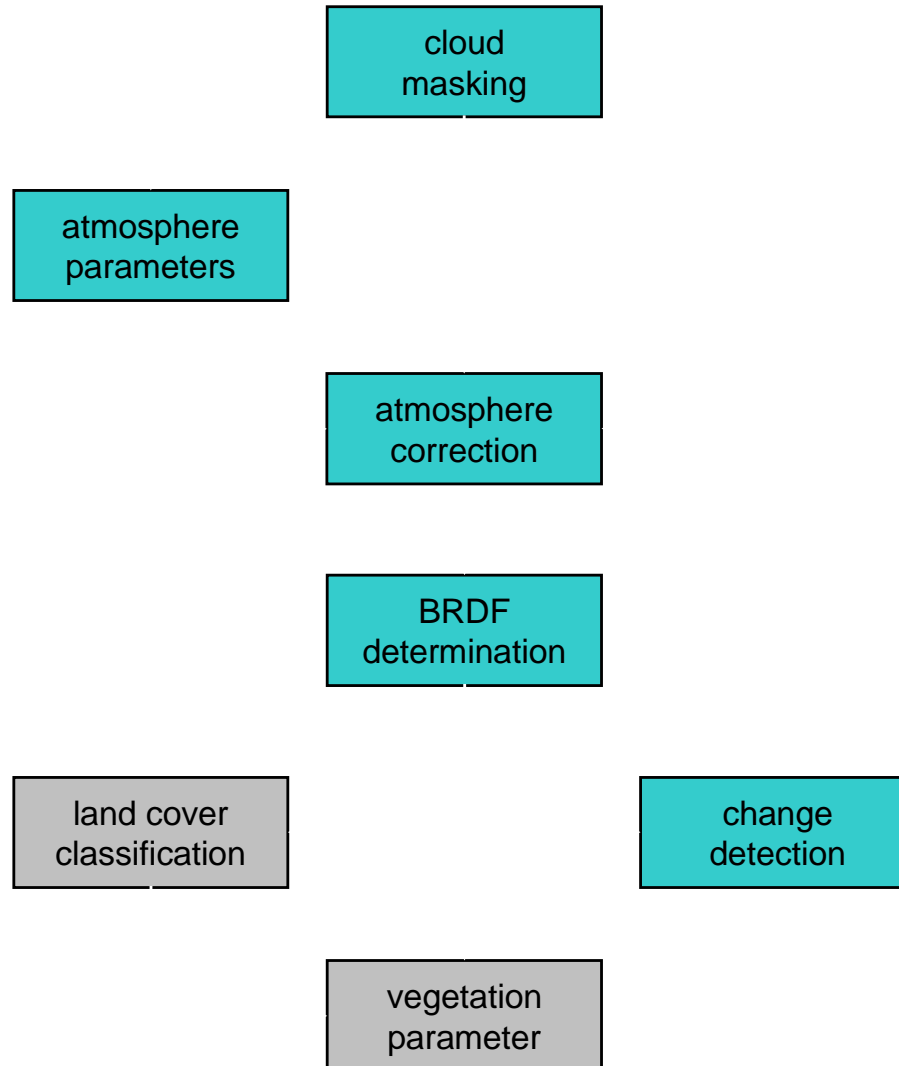
Applications

Applications - Sentinel System



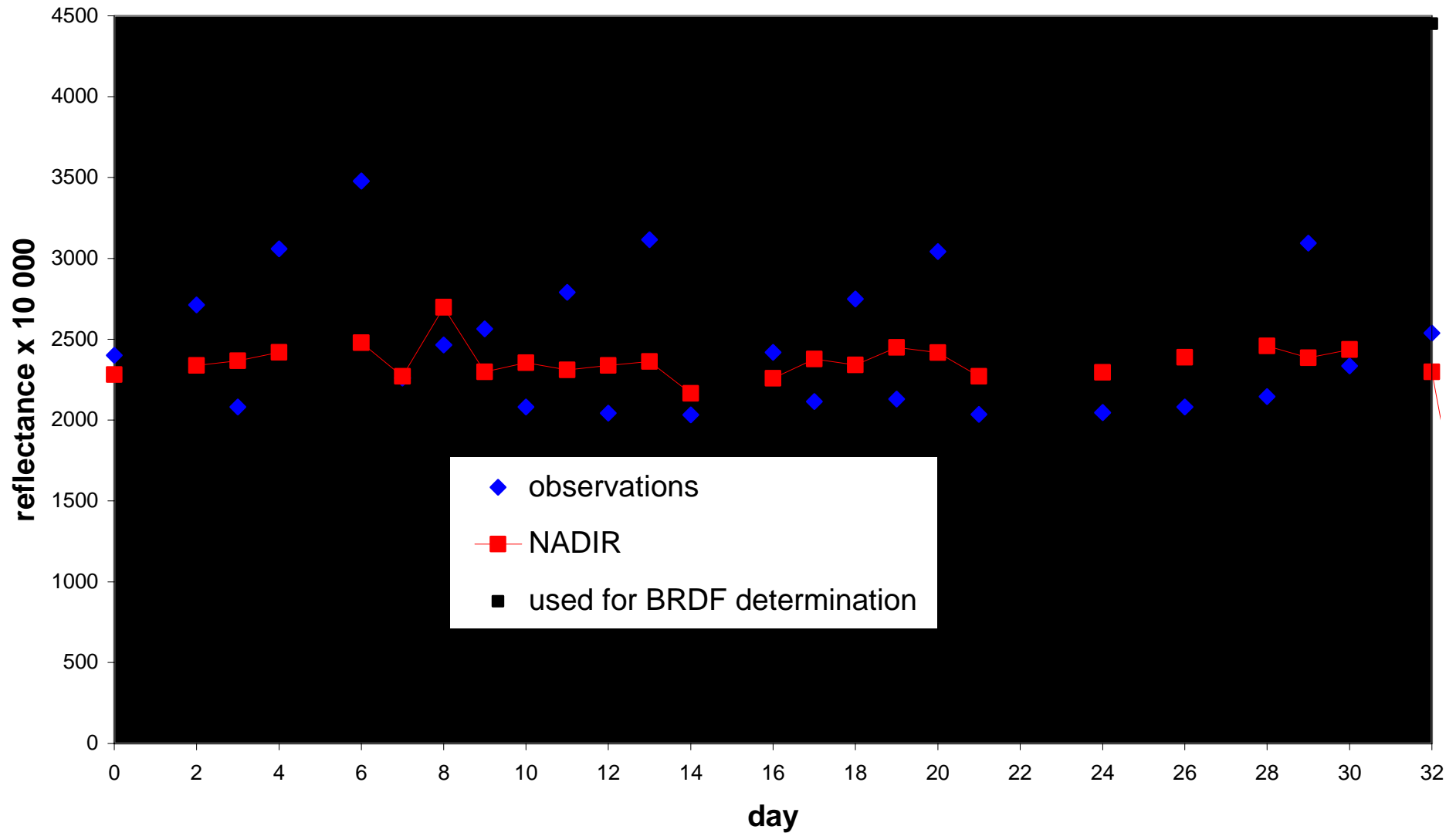
Department of Land Information, WA

DLI - Land Processing Stream

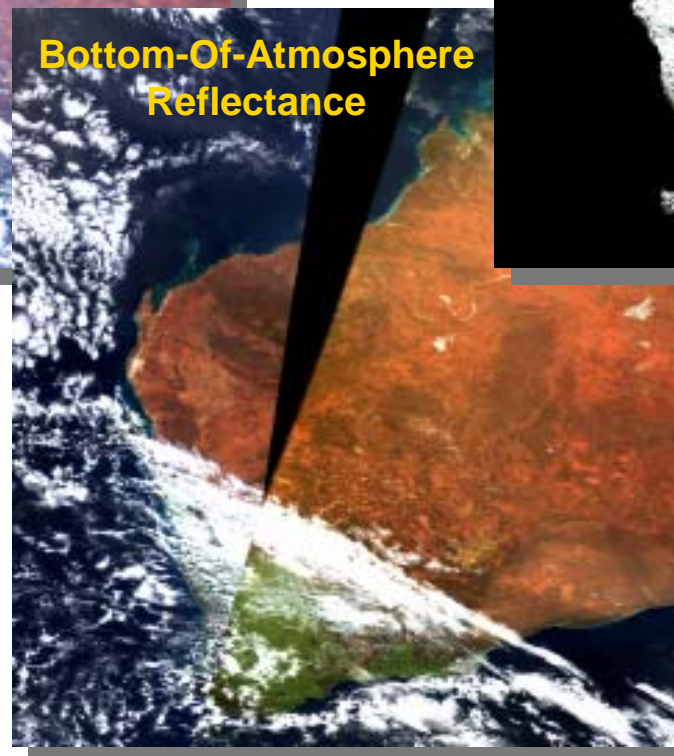
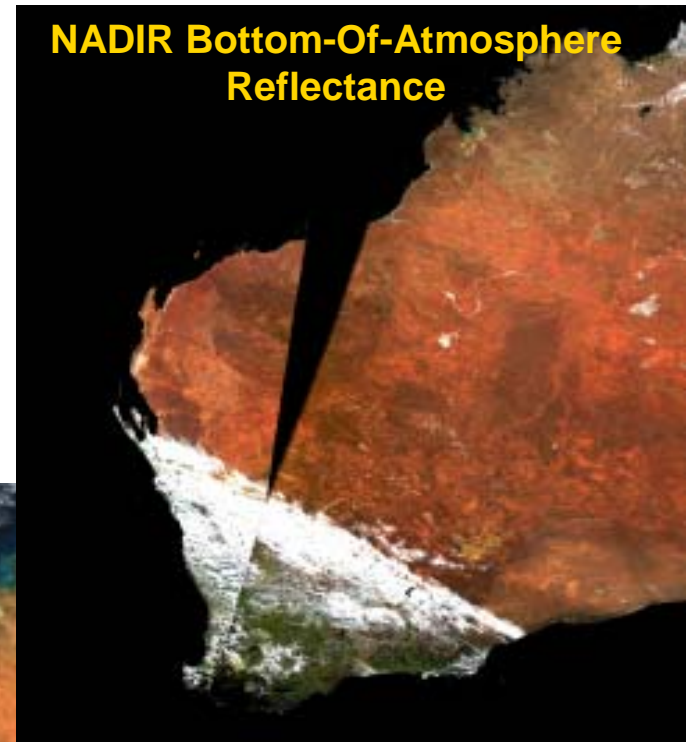
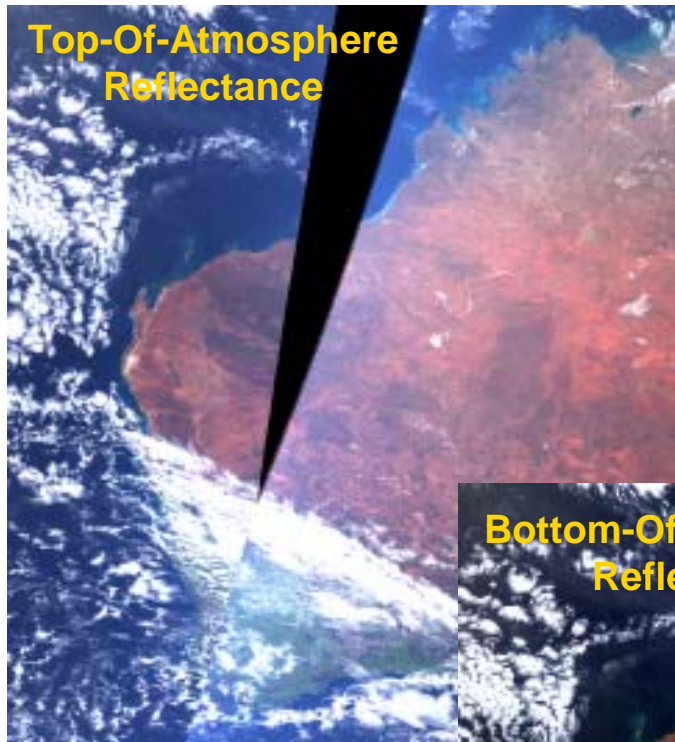


DLI - BRDF Normalisation

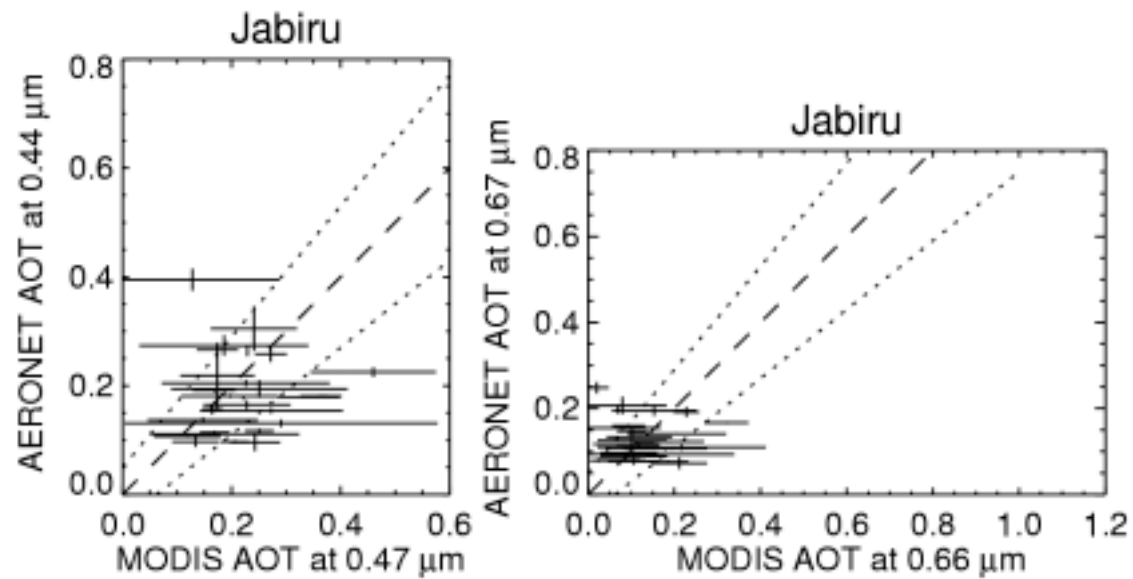
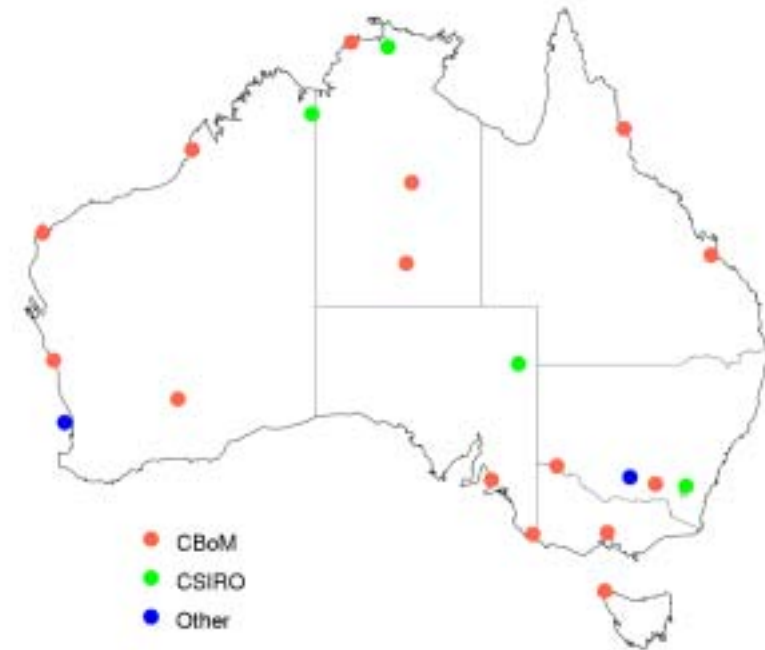
MODIS band 2 (pixel 6671/700, 126.68E/14.75S)



DLI - Atmospheric and BRDF correction



Validation - Aerosol



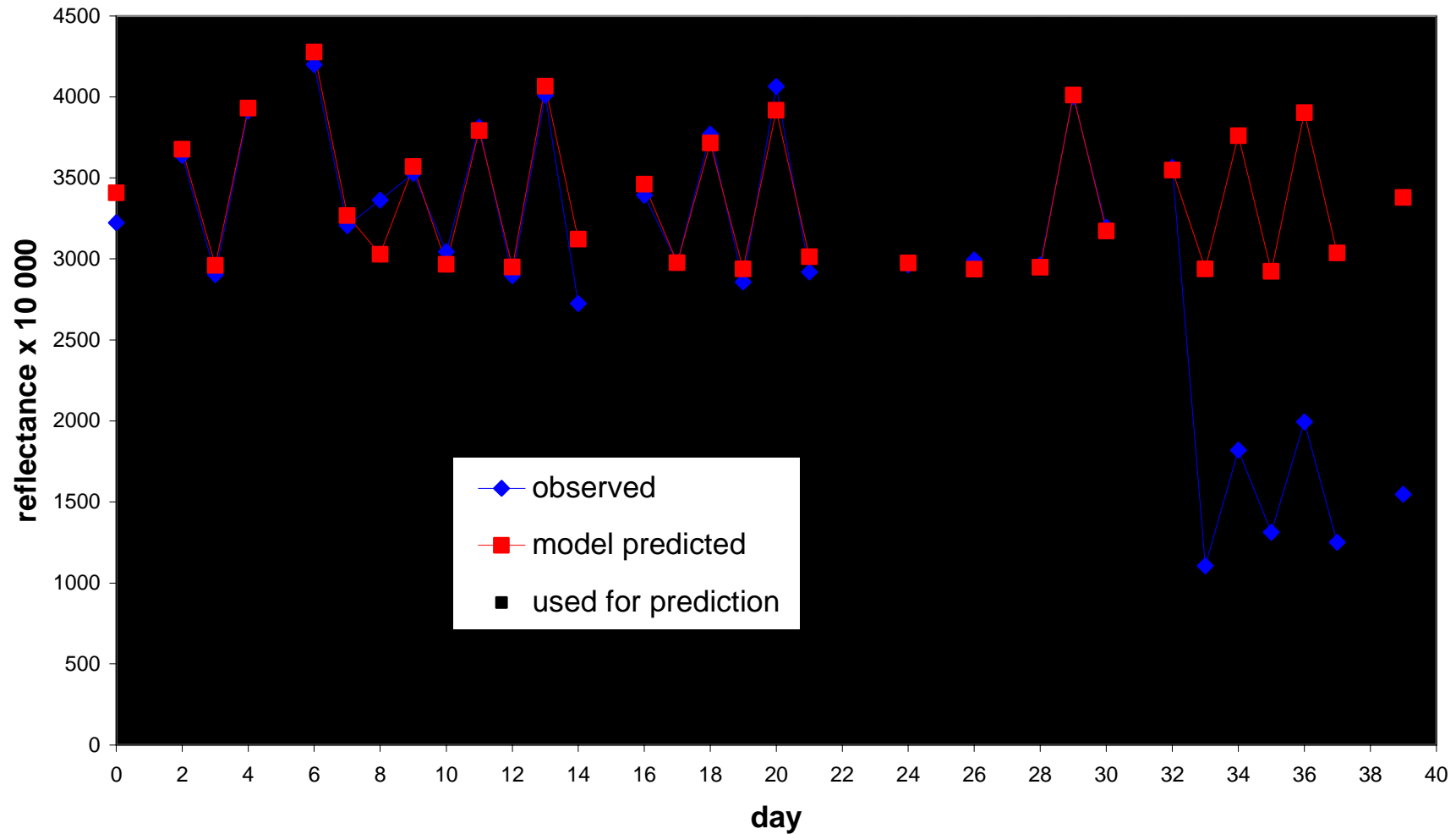
Validation - Total Water Vapour

Burn Scar Mapping

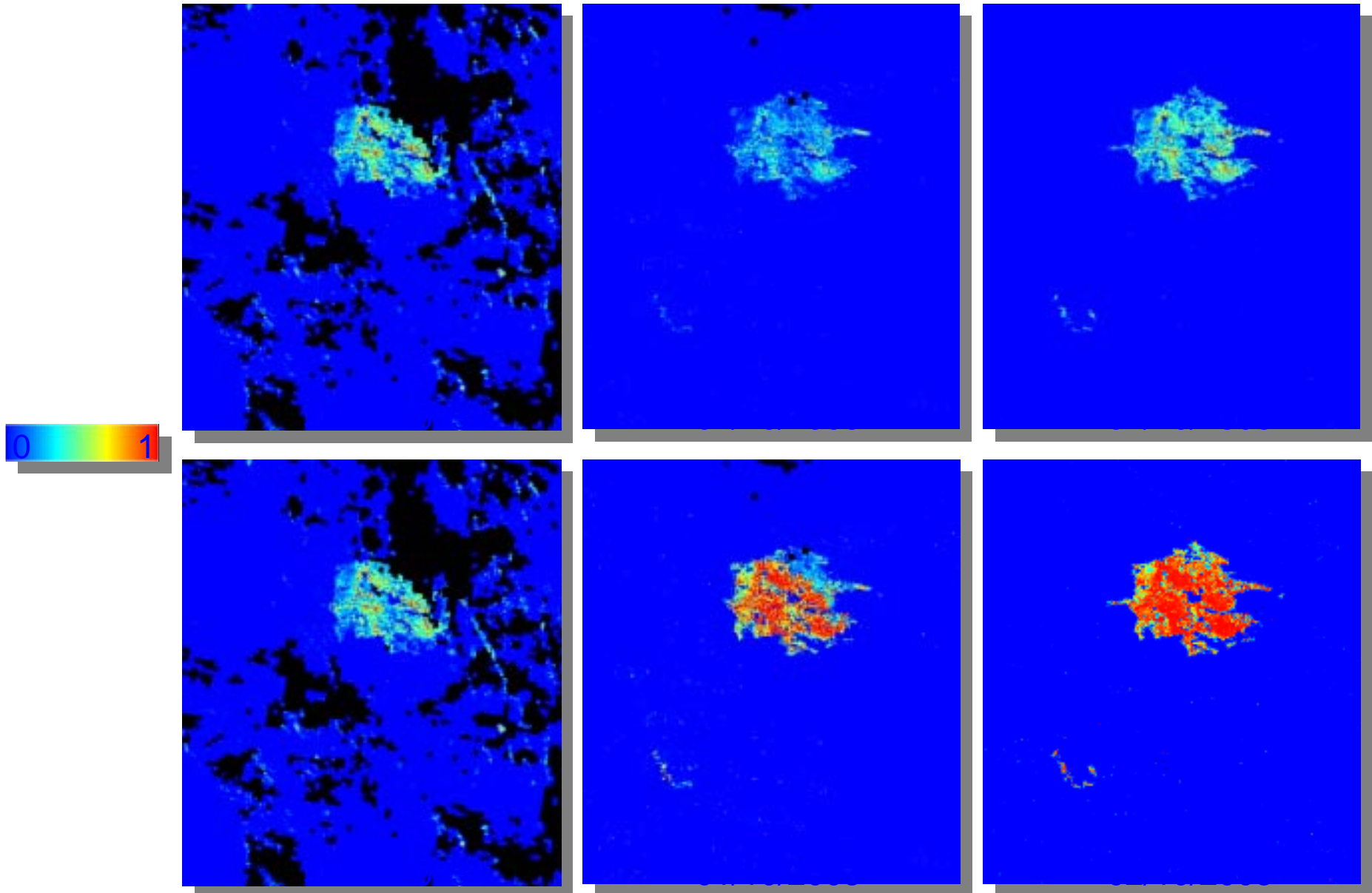
Direct Broadcast BRDF Proposal

Direct Broadcast BRDF - Change Detection

MODIS band 5 (pixel 6671/700, 126.68E/14.75S)



Direct Broadcast BRDF - Change Detection



Visits by US PIs

AVHRR Archive

Regional Opportunities

