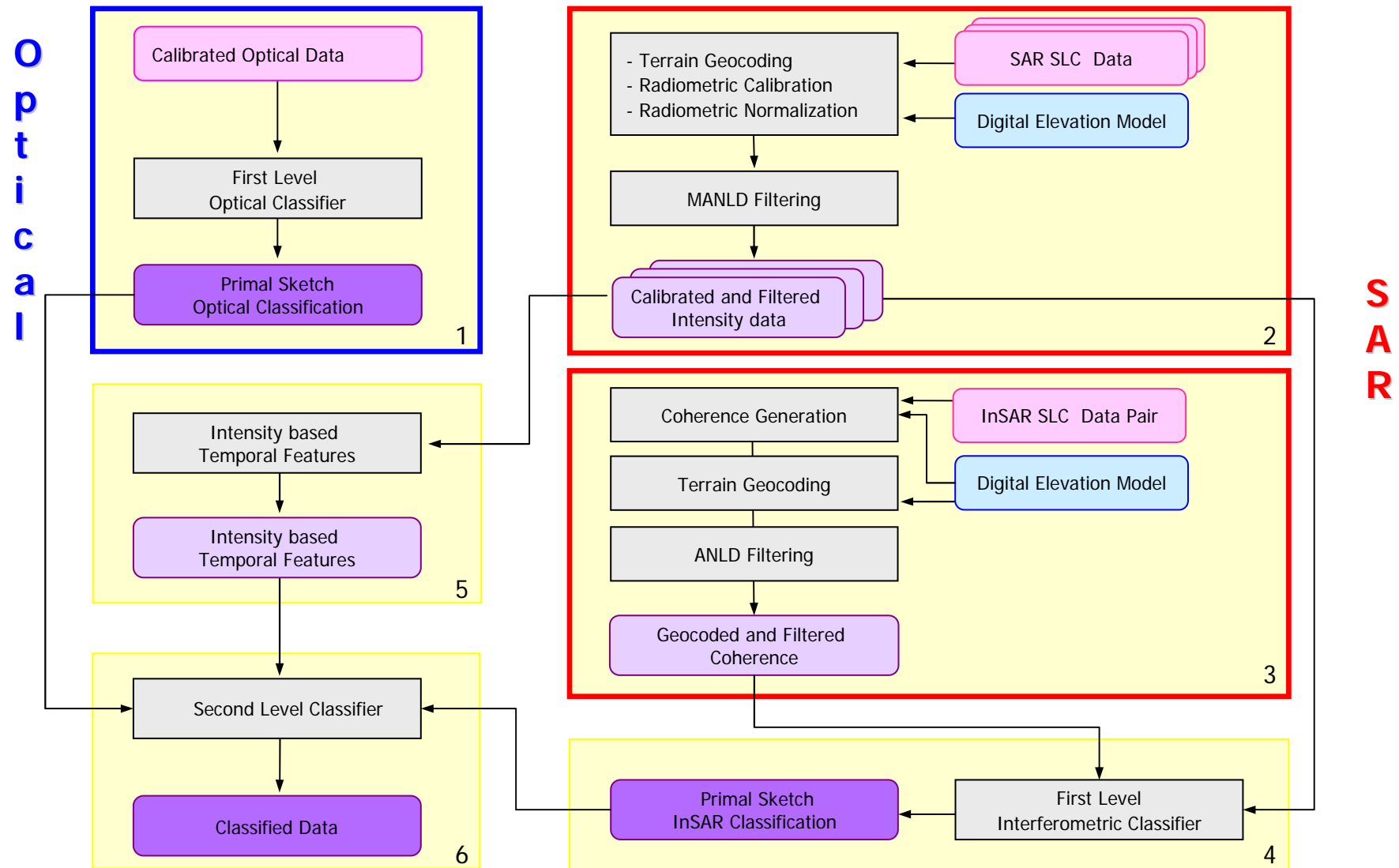


Product Delivery Report for K&C Phase 2

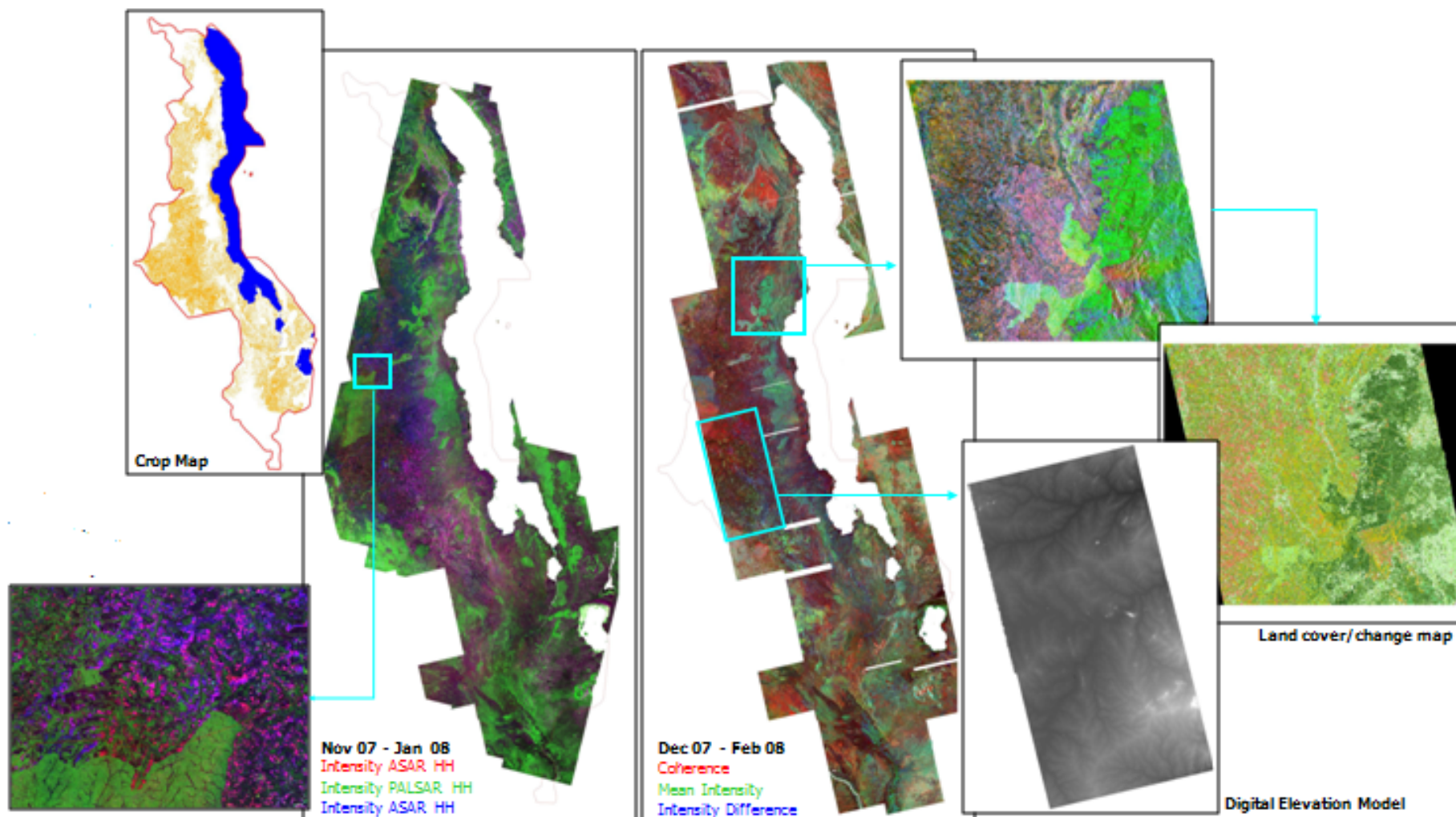
Francesco Holecz
sarmap

Science Team meeting #15
JAXA TKSC/RESTEC HQ, Tsukuba/Tokyo, January 24-28, 2011

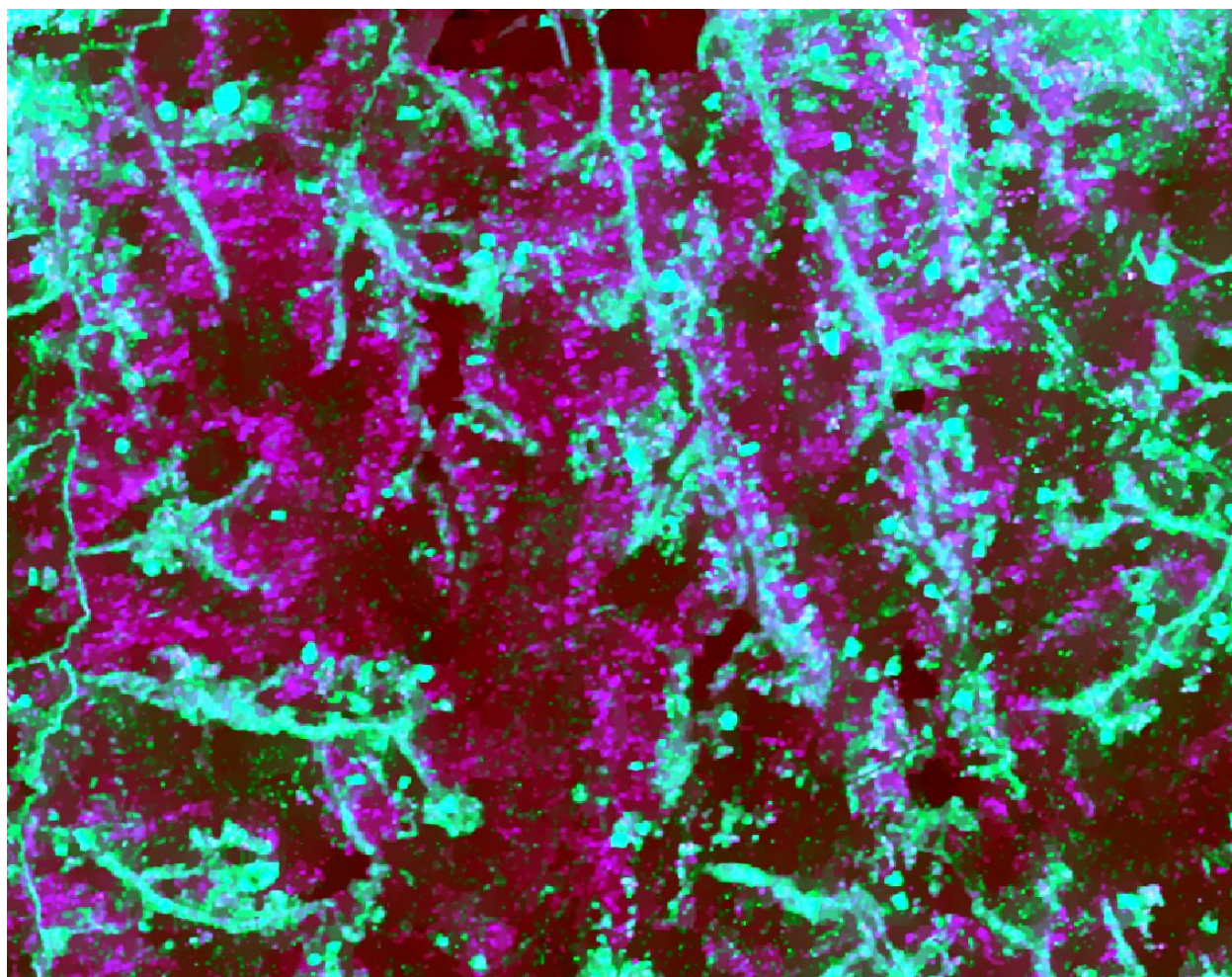
Land cover and topographic mapping



Land cover and topographic mapping



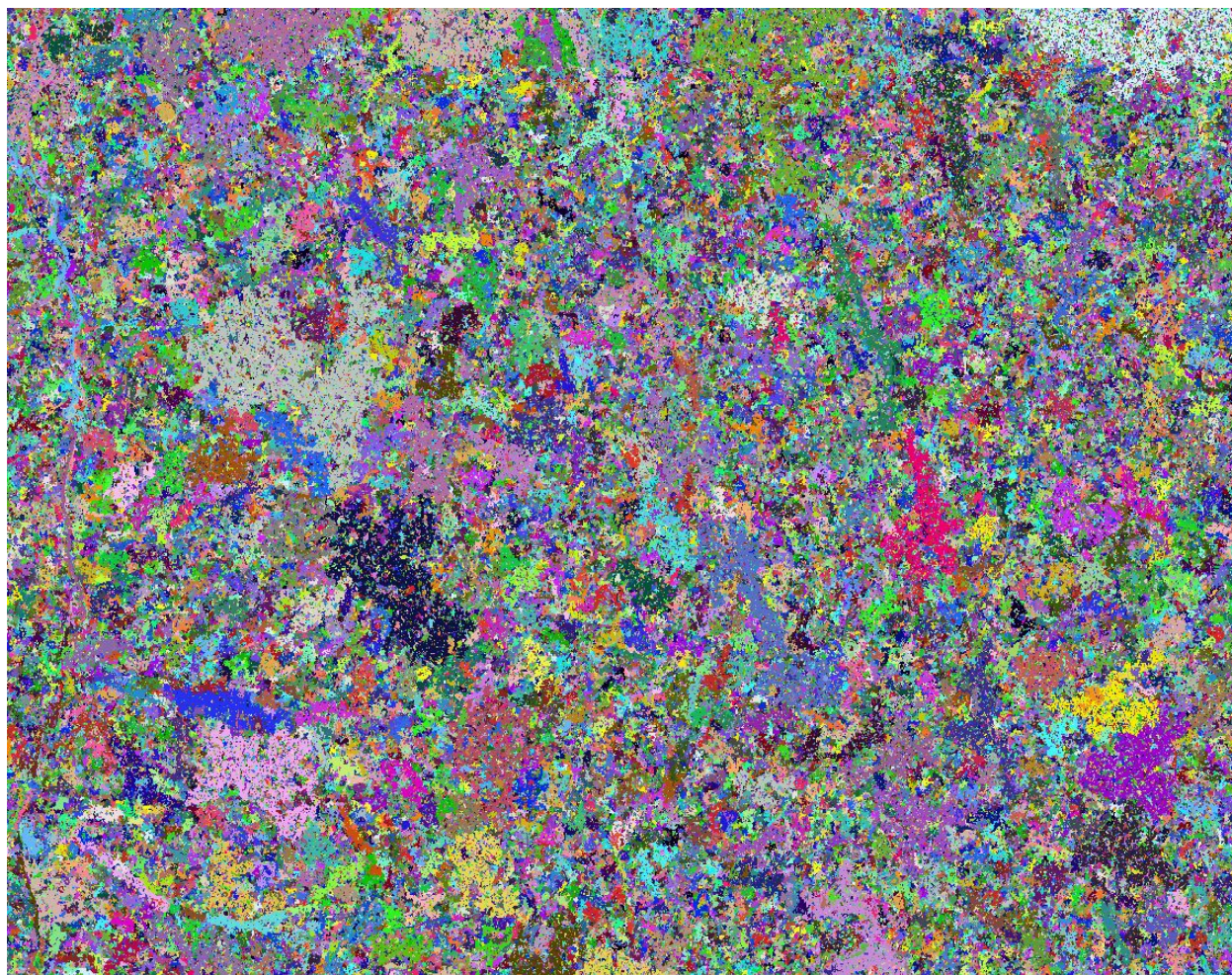
Pre-crop - PALSAR HV Sept 2009



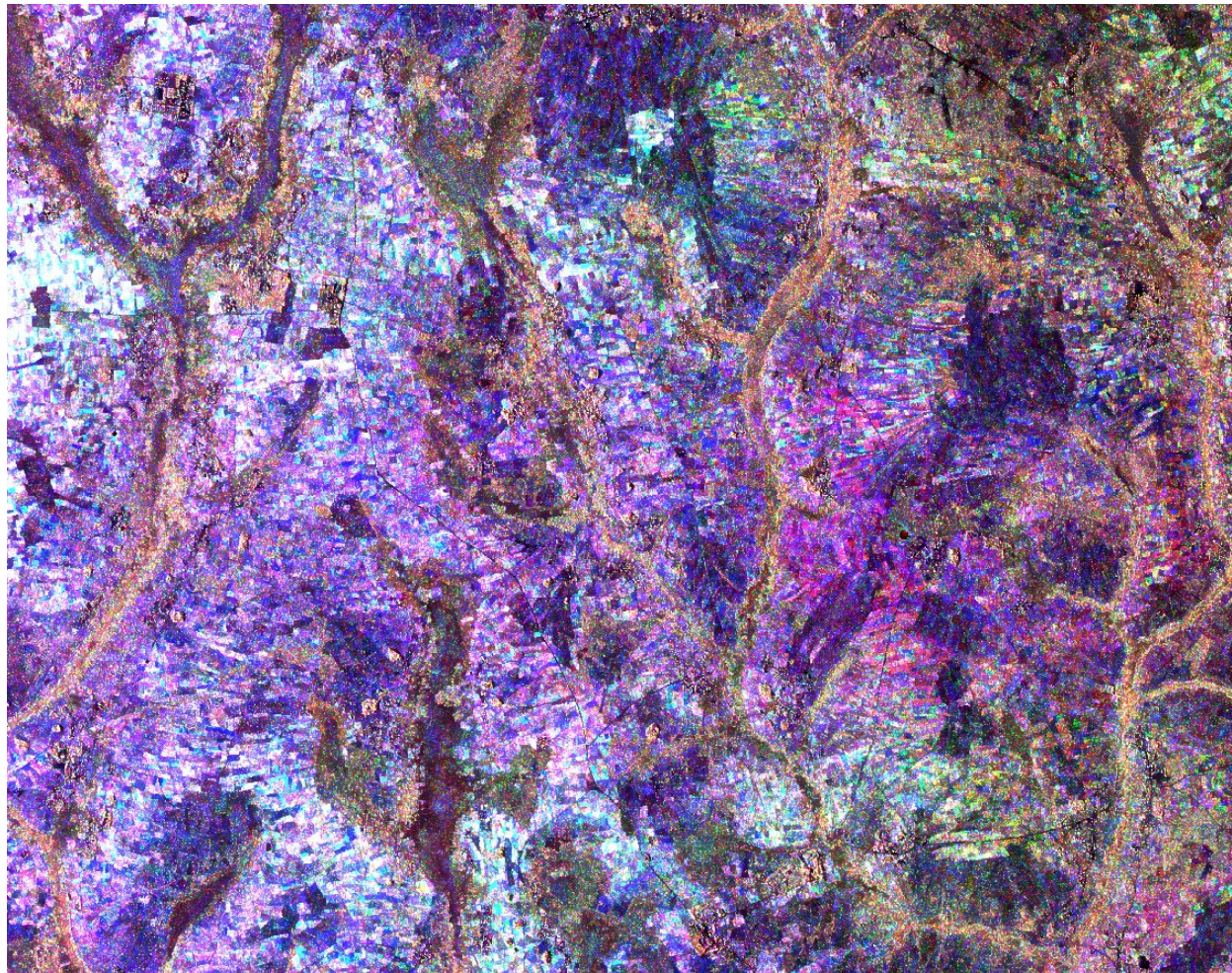
ALOS

K&C Initiative
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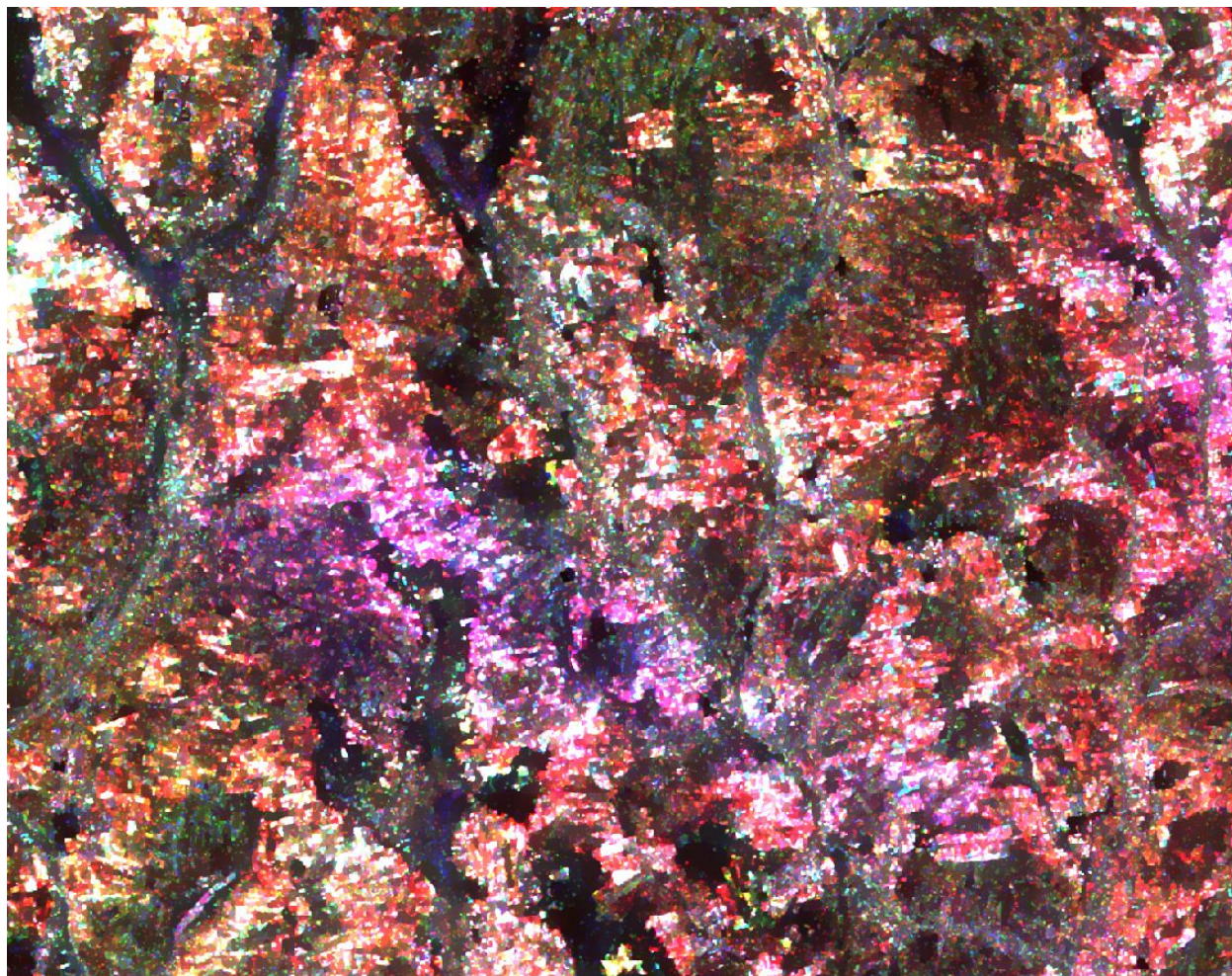
Pre-crop – Cosmo-SkyMed InSAR Dec 2009



In-crop – Cosmo-SkyMed multi-temporal Dec 2009-Jan 2010



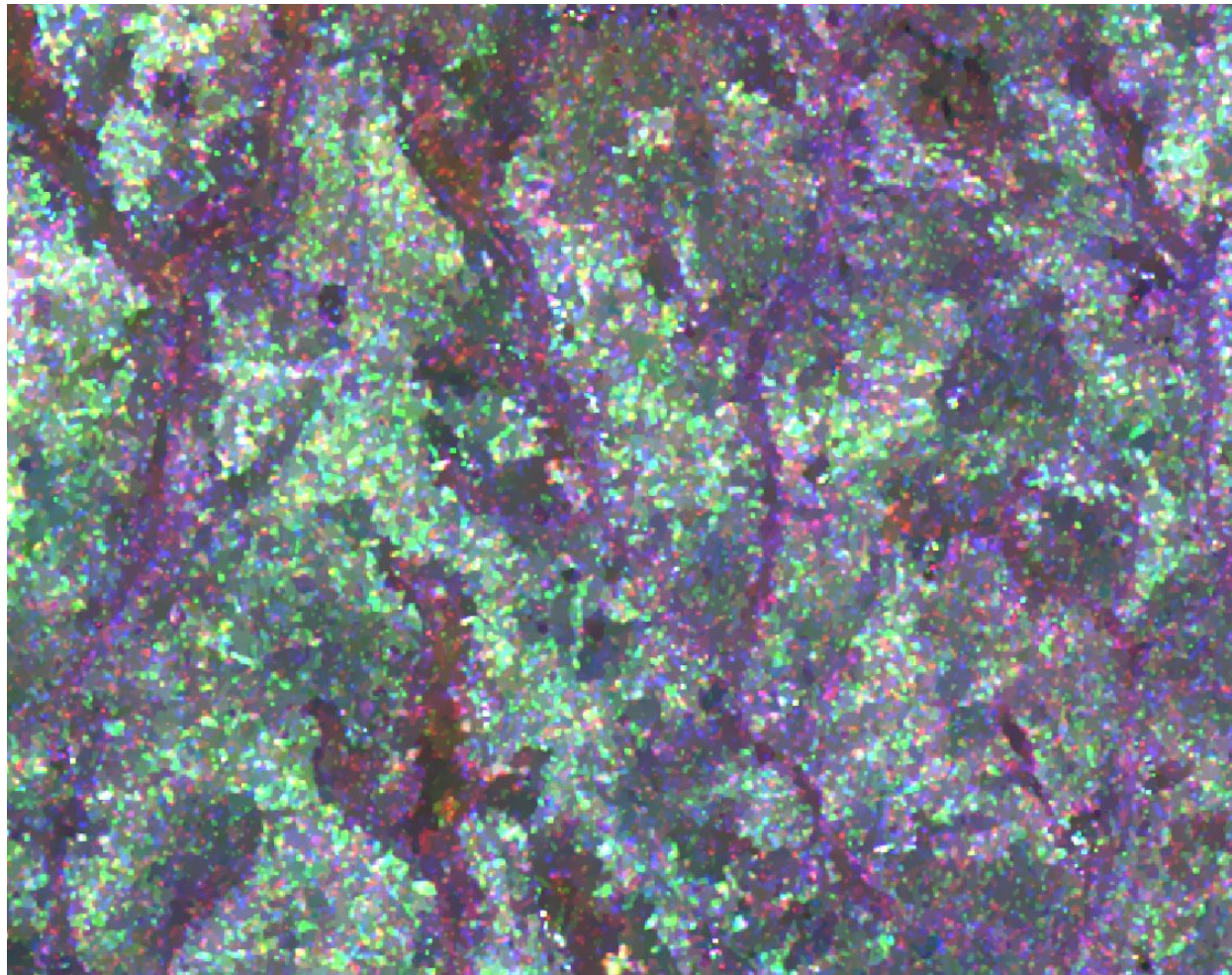
In-crop – PALSAR multi-temporal Jan 2010-April 2010



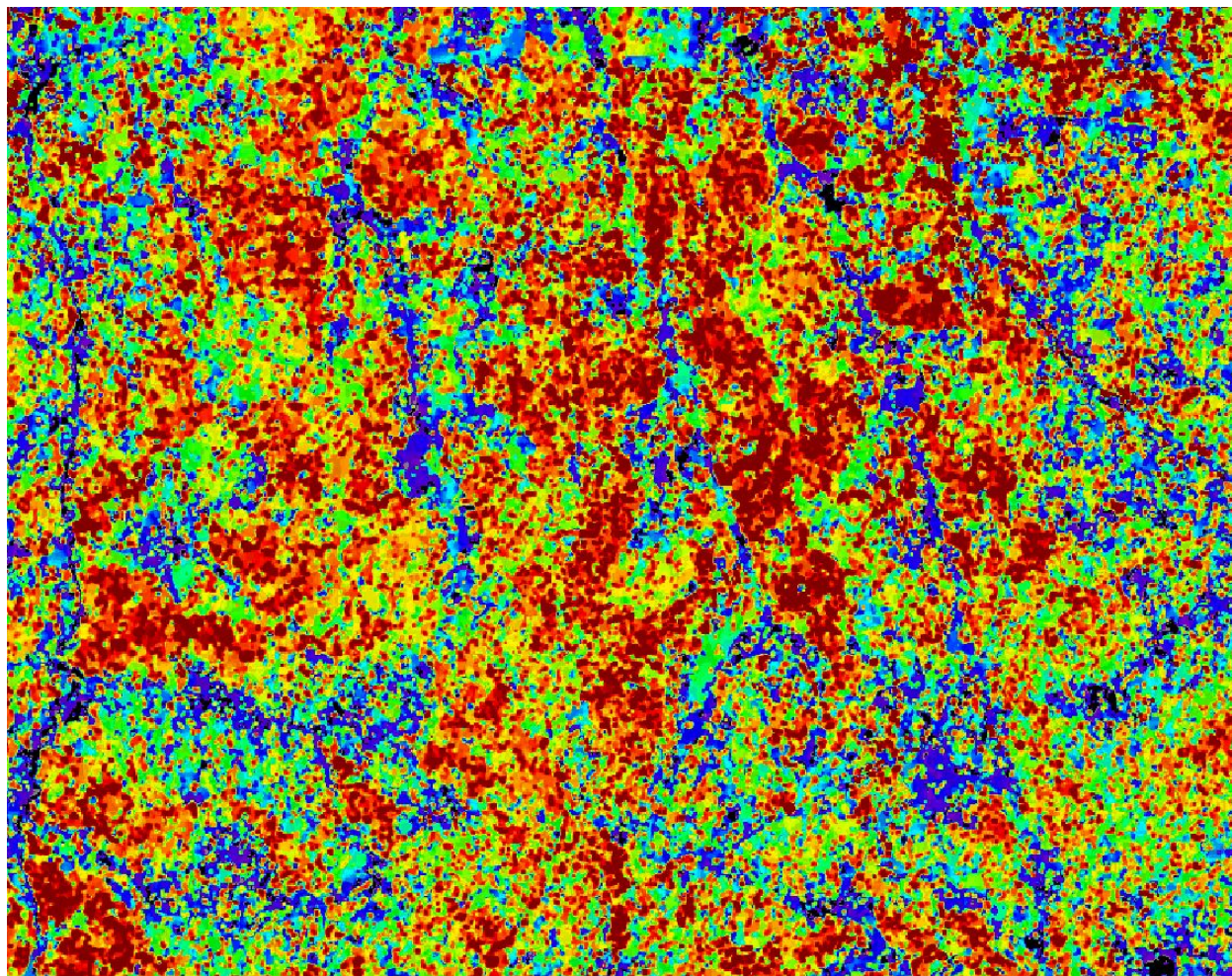
ALOS

K&C Initiative
An international science collaboration led by JAXA

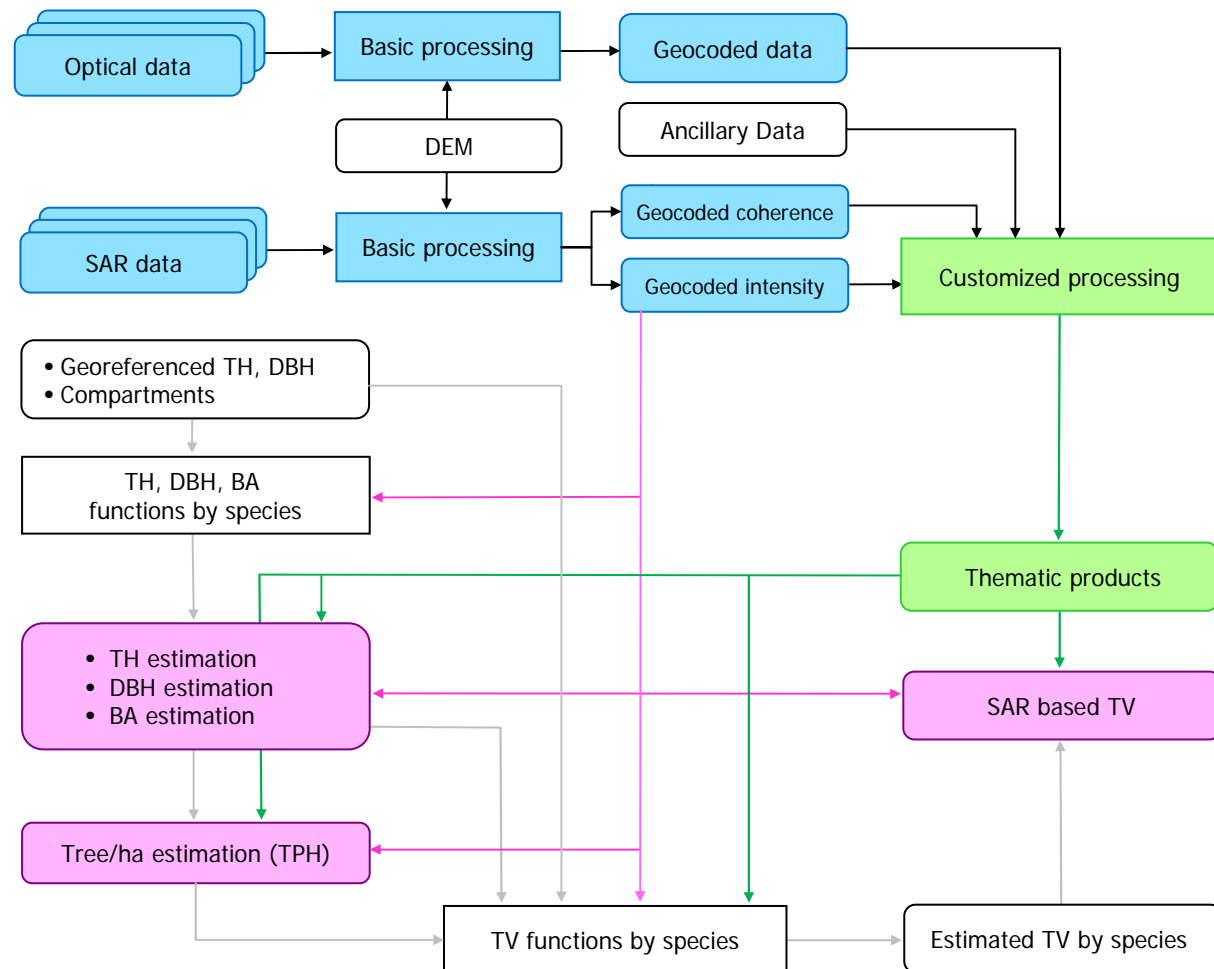
In-crop – PALSAR multi-temporal Feb 2010-May 2010



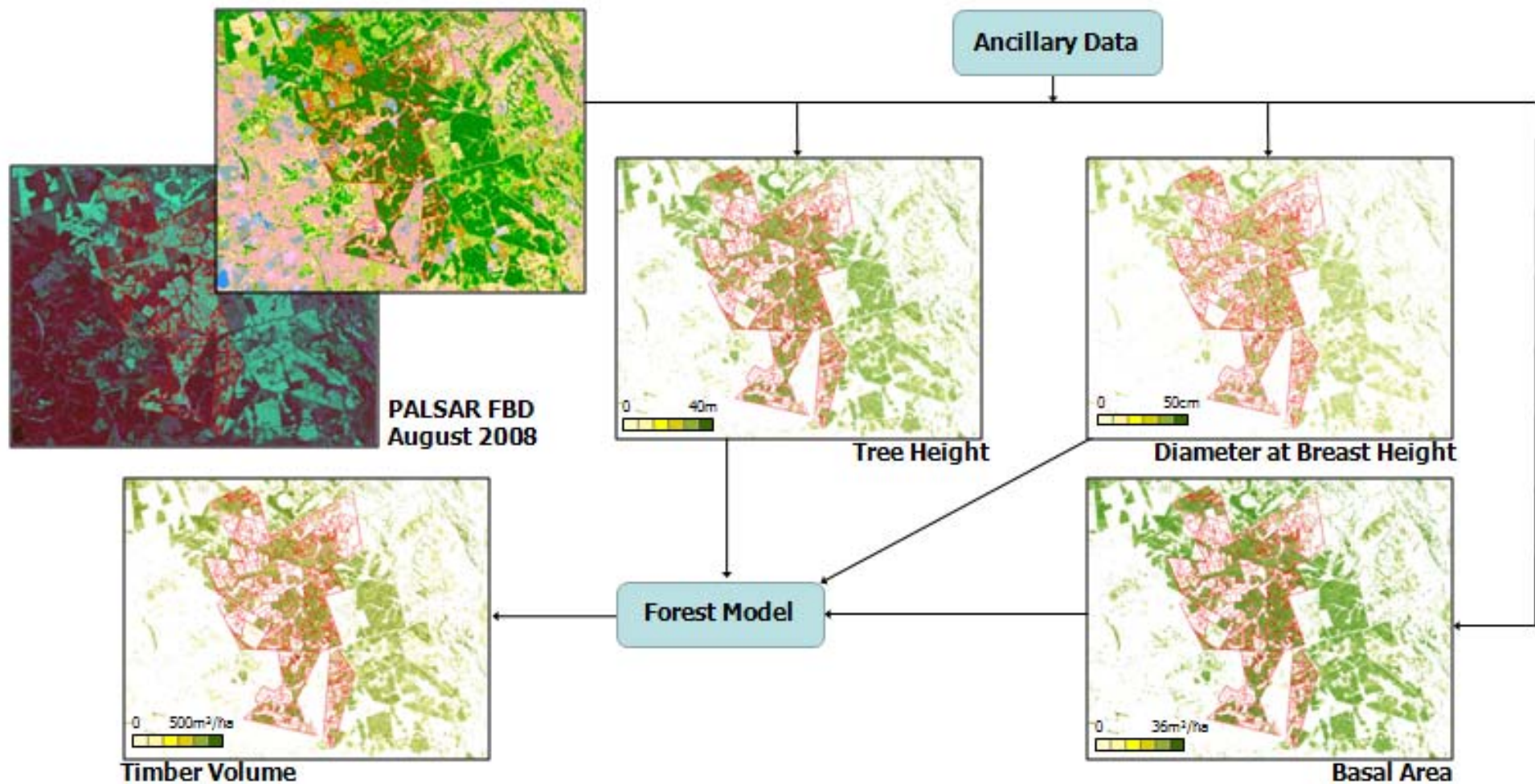
Cultivated area including grow



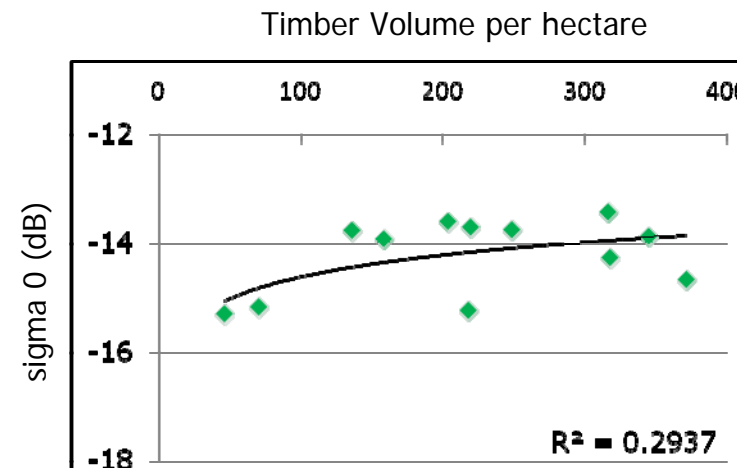
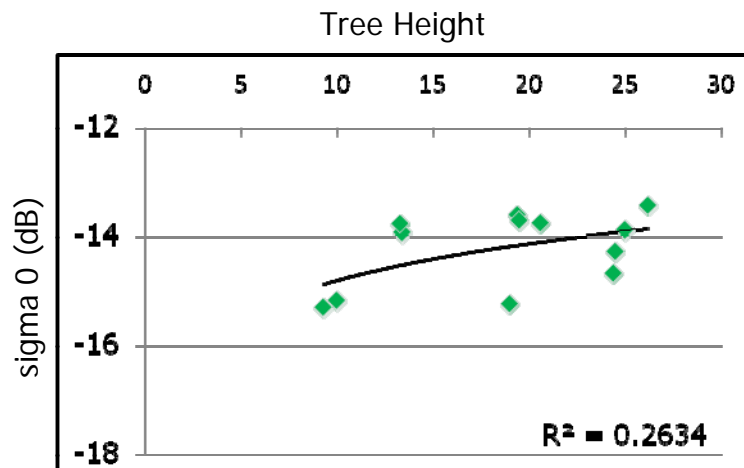
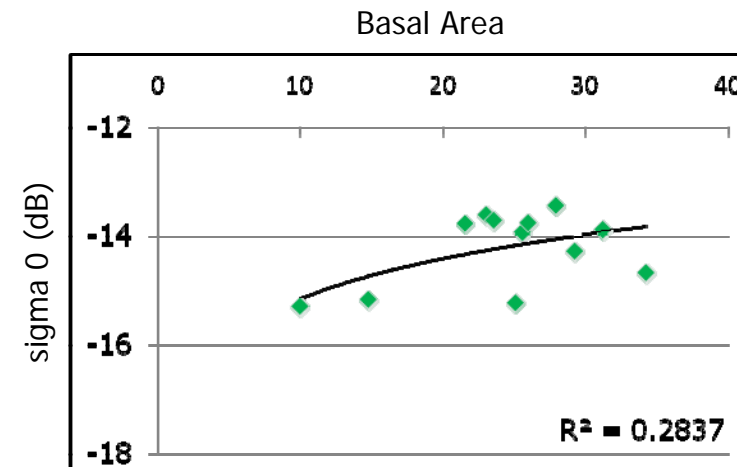
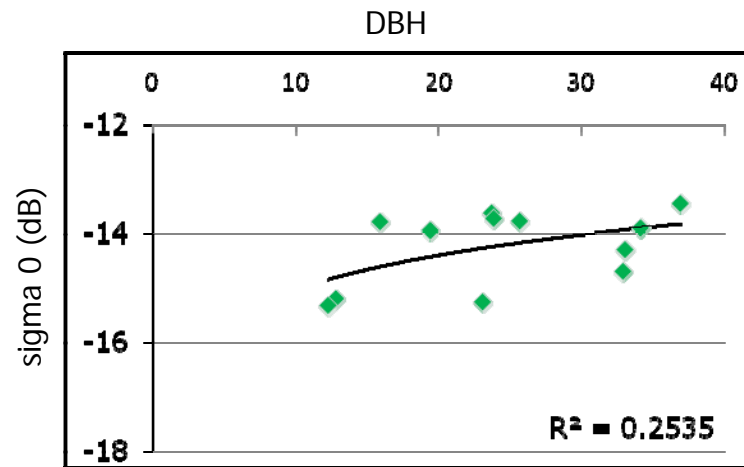
Forest management in forest concessions



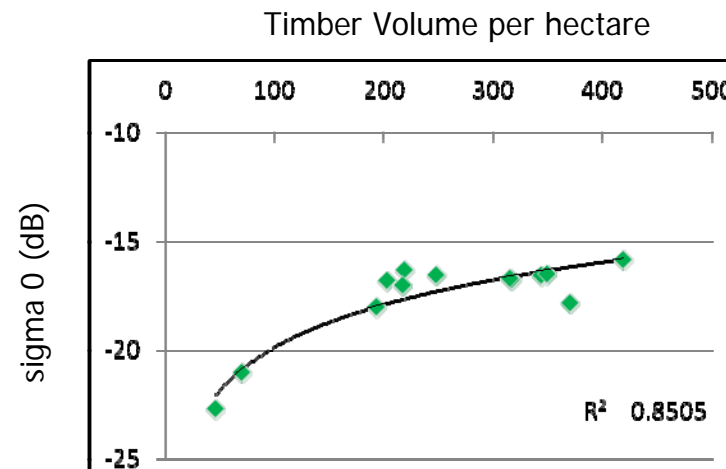
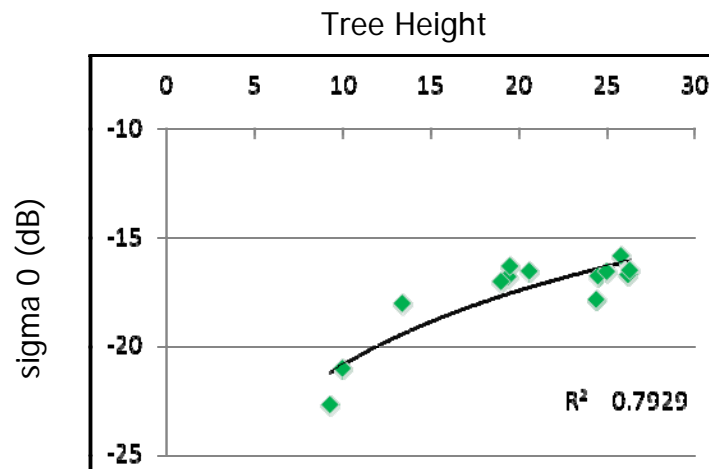
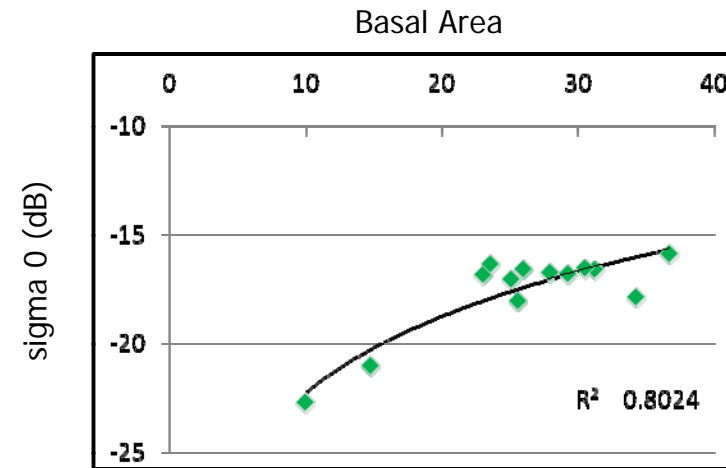
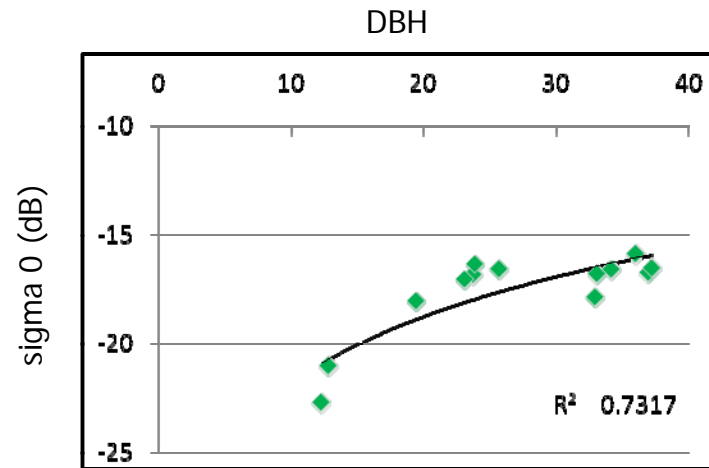
Forest management in forest concessions



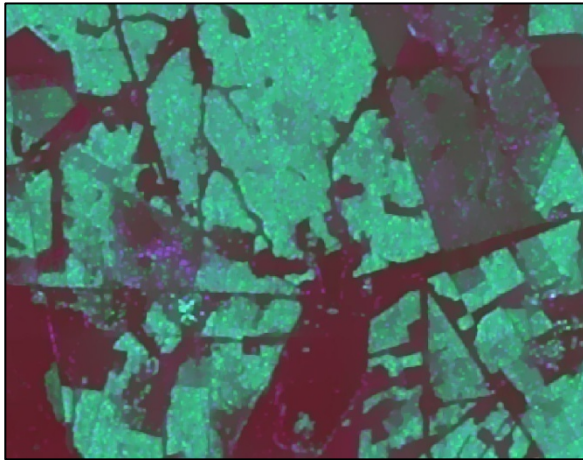
ENVISAT ASAR HV using geo-referenced plots



ALOS PALSAR HV using geo-referenced plots



Forest management in forest concessions



PALSAR
Aug 2008



Cosmo
SkyMed
Dec 2009



K&C deliverables

Papers and Reports

1. Published

- K&C Phase-1 and Phase 2 reports, PDF provided
- Two contributions to K&C Booklet, PDF provided
- IGARSS'09 paper, PDF provided
- Extended summary of Precision Forestry Symposium, PDF provided

2. Submitted/in preparation

- Southern Forests: a Journal of Forest Science, in review
It includes the 2009 results in York Timbers concessions (South Africa)
- Southern Forests: a Journal of Forest Science, in preparation
It includes the 2010 results in SAPPI concessions (South Africa)
- Forest Journal to be selected, in preparation
It includes the 2010 results with FSC, York Timbers, SAPPI, Mondi, Holmes

K&C deliverables

Presentations

Food Security

- IGARSS Symposium, Cape Town, June 2009
- African Minister Conference, Cape Town, December 2010
- Economic Commission Africa, Addis Ababa, May 2011

Forest Certification

- Precision Forestry Symposium, Stellenbosch, March 2010
- FSC General Assembly, Malaysia, June 2011

K&C deliverables

Service

Food Security

- Installation of the service at RCMRD in Kenya

Forest Certification

- Under evaluation by FSC

K&C deliverables

Data sets and Thematic products (mosaics, classification maps etc.)

1. Completed and Delivered to JAXA

- Malawi data set
- York Timbers data set

2. Completed, but not yet delivered

- SAPPI data set (South Africa)
- Mondi data set (Russia)
- Holmes data set (Sweden)

will be provided after the validation and evaluation of FSC