

Title: Deforestation monitoring in Amazonas

Product Leader: Dalton Valeriano

Affiliation: INPE (Brazil)

Product Team (confirmed members only):

- Richard Lucas (U. Wales Aber, U.K.)
- Ake Rosenqvist (JAXA EORC, Japan)

Agreement status: TBD

Preferred agreement type (individual/institutional): Individual (TBD)

Project objective(s):

- Develop methodology for utilizing ALOS PALSAR mosaics for detection and (spatial) quantification of changes in forest cover in Amazonia.
- Generation of Annual Forest Change Maps over Amazonia (2005-2006-2007)

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Prototype Area 1: Brazilian Amazon

Corresponding observation plan polygon(s): G1 (part, >75%)

No. PALSAR paths/coverage: ~70 passes

PALSAR request (Year 1-3): ~210 passes (3 annual coverages (September) @34.3°)

Input data (EORC products): PALSAR 50 m mosaics

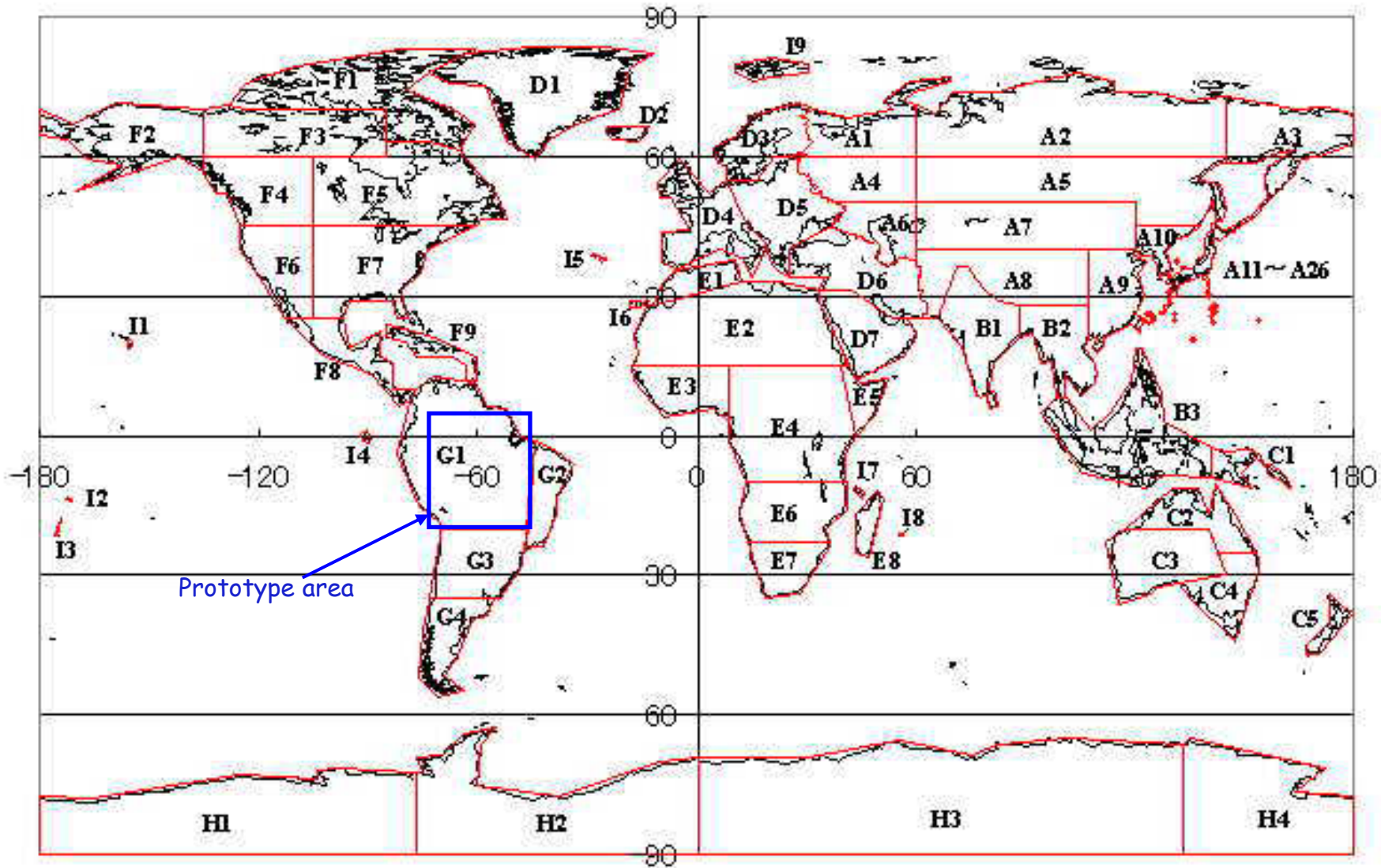
K&C Product Deliverables (before end of Year 3):

- Deforestation maps (2004-2005-2006)

Prospects for Years 4-5 (assuming agreement extension):

- Deforestation Maps (2006-2007-2008)

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Location of Prototype Areas