Working Group compositions

WG #1 - GLI products
Steve Running (WG leader)
Takeo Tadono
John Townshend

WG #2 - PALSAR mosaics
Bruce Chapman (WG leader)
Masanobu Shimada

WG #3 - Forest & biomass change
Craig Dobson (WG leader)
Josef Cihlar
Tony Milne
Paul Siqueira

WG #4 - Wetlands & rice paddy
Laura Hess (WG leader)
Bill Salas
Doug Alsdorf
John Melack

WG #5 - Boreal products
Kyle McDonald (WG leader)
Larry Smith
J. C. Shi

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Working Group #1- GLI products
Special issues

Potential products
- 250 m Land Cover Classification [TCO req.]
- 250 m continuous fields [TCO req.]
- LAI, NPP, albedo??
- Image products
    - cloud-free composites
    - image mosaics
- 1 km products?
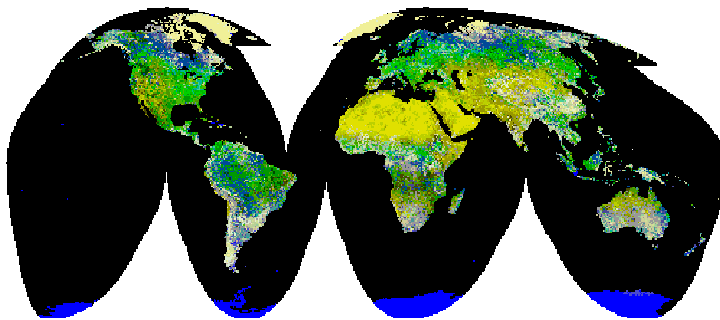- map projections

Synergy with MODIS-1/2
- Strengths of MODIS and GLI
- Avoid duplication

Tentative lead organisations
- UMD
- UMT
- Chiba Univ.
- ...

Time schedule
- ADEOS-II launch: Nov. 2002

IGBP-DIS NOAA AVHRR 1 km LCC

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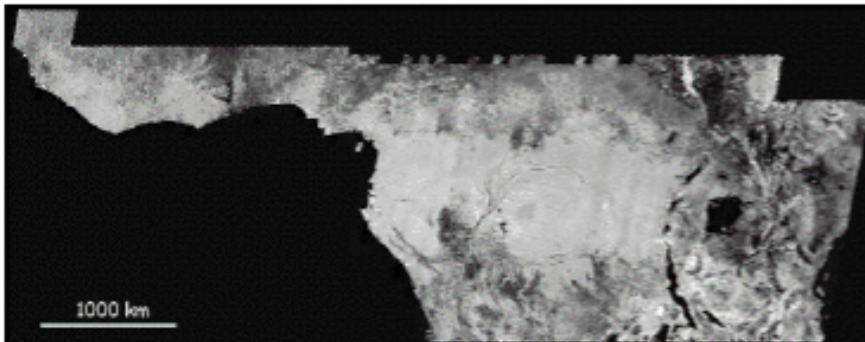# Working Group #2- PALSAR mosaics products
Special issues

Special issues
- NASDA goal: at least one global coverage

- Over which areas can repetitive mosaics be justified?
- Full resolution vs. ScanSAR
- Fine resolution mosaic pixel spacing: 100 m - or finer?
- DEM correction (SRTM?   PRISM?)
- Geometric accuracy and validation

Tentative lead organisations
- NASDA EORC
- JPL
- JRC (Siberia, Africa)
- ...

1000 km

Working Group #3
Forest change and biomass products
Special issues
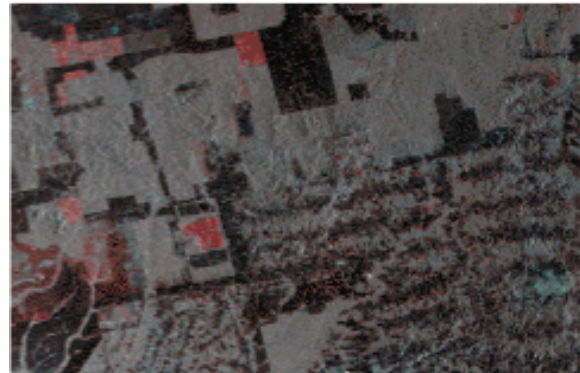
Forest change products
- detection of change
- spatial quantification

Biomass products
- (incremental) biomass change
- stock inventory (boreal areas?)

- Acquisitions - annual
- Product generation
    - global @ 5 yrs(?)
    - hotspots - annual(?)

Note GOFC/TCO product requirements

Tentative lead organisation(s)
???

No partner - no product!

Working Group #4 - Wetlands and rice paddy
Special issues

Wetlands
- wetlands delineation - global?
- flood duration mapping - regional (which?)
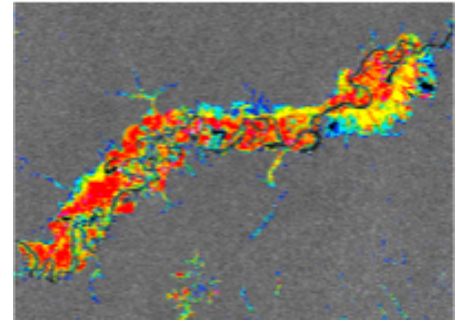- ADEOS-II/POLDER for wetlands detection

Irrigated rice
- Focus areas?
- active acreage
- # crop cycles

- More emphasis on ScanSAR?
- Adequacy of current acq. plan

Note Ramsar wetlands treaty

Tentative lead organisation(s)
- UCSB

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Working Group #5

Boreal products

Special issues

Special issues
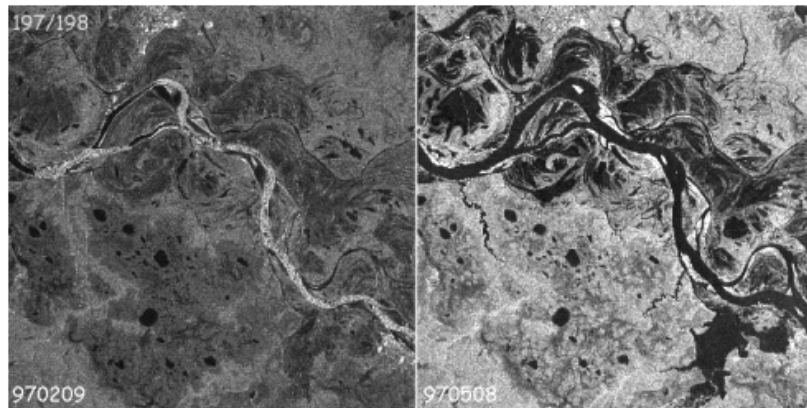- Freeze/thaw
- Boreal wetlands
- ADEOS-II POLDER for wetlands detection
- Low biomass forest

Tentative lead organisations
- NASA JPL
- UMT?

Sensors:
- PALSAR
- GLI

Feb. 1997   Yenisey river, Russia   May 1997

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All Working Groups

Issues to address for each proposed product

Scientific relevance

Target end user

Organisational structure
- Lead organisation(s)
- additional collaborators
- links to user groups

Requirements for realisation
- funding (source?)
- MoU's
- anticipated problems

Level of ambition
- global vs. regional
- one-time vs. repetitive (frequency?)
- demonstration vs. operational product

Key words: Regianal scale appl.
Terrestrial Carbon
Environmental Treaties
GOFC/TCO/GTOS etc.

Technical issues
- operational or R/D
- utility of existing JERS data
- importance of SAR/optical synergy
- min. system req (pol., inc.angl., #DT, spatial & radiom. resolution, etc.)
- adequacy of current obs. plan

Product validation
- methodology
- in situ networks?

Data flow
- from data take to final product
- data volumes foreseen
- bottlenecks
- proc. level from NASDA

Time schedule

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