ALOS

K&C Initiative An international science collaboration led by JAXA

K&C Booklet

- Forest theme publication
 Single review paper or
 Series of papers
 - i **Deforestation**
 - i Degradation
 - i Regeneration
 - i Biomass
- PI Symposium, 2010
- Australian Remote Sensing and Photogrammetry Conference
 - i Special Session
 - Structure
 - Biomass
 - Wetlands
 - Mangroves
 - Regrowth

Actions

Special Issue

↓ Thematic

Focus on change detection (?)

↓Other journal

- i Theme (?)
- i Contributions to carboin, biodiversity, forestry etc.

ALOS-2 Make recommendations from K&C team

- **Classifications at different resolutions.**
- Evaluation of mosaics
- Provide data for validation of JERS-1/ALOS time-series.

Global Change Biology

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Rebelo, L. Understanding future changes ito the Sudd wetland: potential impoacts of the Jonglei canal.

Lucas, R.M. Mangrove response to climate change in northern Australia: observation using ALOS PALSAR and Landsat sensor data

Lucas, R.M., Degradation and regrowth in Australian wooded savannas observed using ALOS PALSAR data.

Le Toan, T. Estimating forest regrowth rate using spaceborne SAR data.

Hoekman, D. Change detection in the tropics?

- Shimada, M. Generation of global 10 m high resolution wall-to-wall image and classification mosaics using JERS-1 SAR and ALOS PALSAR data.
- Longépé, N. Deforestation during last decade across the Sumatra Island using L-band SAR data.

Salas, W. Rice ?

OS

Amaral, S. Deforestation in Amazonia.

De Grandi et al., Change in Africa.

Schmullius C. Title TBD

Milne & Mitchell, JERS-1/ALOS and optical time series synergy analysis over Tasmania

McDonald et al TBD

Shimada & Hokkaido U - Subsidence of peatlands

Drafts to be brought along in June (KC#14)

ARSPC, Alice Springs

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Lucas - biomass retrieval Armston - environmental impoacts Clewley - inversion modelling Milne/Hess - wetlands Mitchell - Tasmanian forests Lucas - mangroves and wetlands JAXA?

Abstracts due Feb. 1, 2010

LOS

Special Issue: K&C Outcomes Journal: TBD

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Lisa Rebelo and Laura Hess - Wetlands Niels Wielaard and Dirk Hoekman and Nicolas Longépé - Land cover classification Richard, Tony, Christiane, Maurizio - Degradation and disturbance Thuy Le Toan and Richard Lucas - Biomass Paul - Structure Maurizio Santoro and Silvana Amaral(?) - Deforestation. Lucas and Thuy - Regrowth Richard and Maycira(?) - Influence of spatial resolution on classification accuracy (Comparison of mosaics vs strip vs scene data)

To distribute template and indicative contents