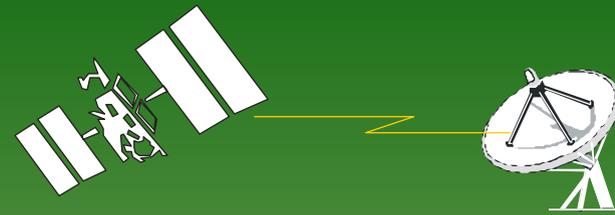




MINISTÉRIO DA CIÊNCIA E TECNOLOGIA
INSTITUTO NACIONAL DE PESQUISAS ESPACIAIS



WORKSHOP

“New remote sensing approaches for forest inventory and monitoring”

**Coordinators: Dr. Robert Treuhaft (JPL/NASA)
Dr. João Roberto dos Santos (INPE/MCT)**



XIII SBSR – Florianópolis (SC) , April 23th, 2007.

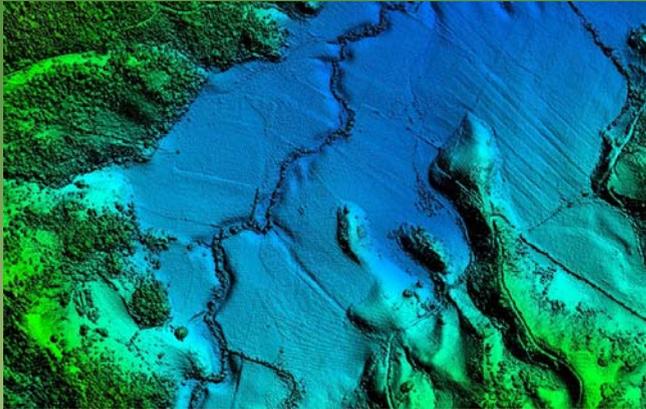
“New remote sensing approaches for forest inventory and monitoring”

With the recent development of remote sensing systems there are new products available for users who work at forest characterization, inventory and monitoring. Due to this, new methodologies and paradigms are necessary for the extraction of information derived from these sensors.

Consequently the objective of this **workshop** is to show the international experiences on the use of laser scanner (*Prof. Barbara Koch*), of high resolution images (*Dr. Dirk Tiede*) and also on the use of polarimetric and interferometric radar data (*Pascale Dubois–Fernandez* and *Robert Treuhaft*) for forest studies.



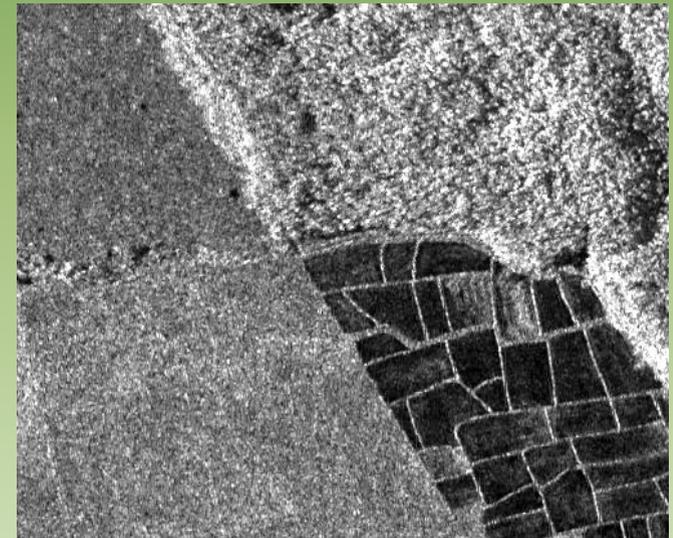
Present scientific agreements with the participation of INPE, allow the development of studies on:



Courtesy: Digimapas Chile.

- ▶ LIDAR integrated with data from airborne high resolution cameras, to understand the conditions of natural and implanted forest stands;

Airborne SAR image



- ▶ Radar (ALOS/PALSAR., SAR- R99 B/SIPAM, OrbiSAR), which allows to verify the behavior of scattering mechanisms that are responsible for the response of the forest structure, both primary and secondary forests, implanted forest stands and also, areas with timber logging, including estimations of volume and biomass.

... show the state of the art of Brazilian experience in the forest ...

“New remote sensing approaches for forest inventory and monitoring”

Upgrade knowledge, recycle ideas, strengthen methodological concepts together with the invited specialists is the main task of this scientific meeting.

So all participants and invited speakers are welcome !

The Organizers

