

# LBA Synthesis Group: Fire and Drought

Business Meeting, Sao Paulo  
12 November 2005

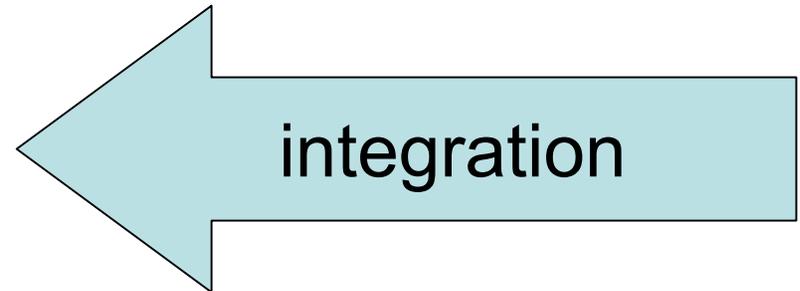
# LBA – its contribution to understand droughts and fire in Amazonia

- Great capacity to detect fire and map burns from space.
- Improvements in modeling parameters for estimating NPP.
- Links between human health and smoke.
- Huge amount climate data.
- Growing understanding of the hydrological cycle in the Amazon.

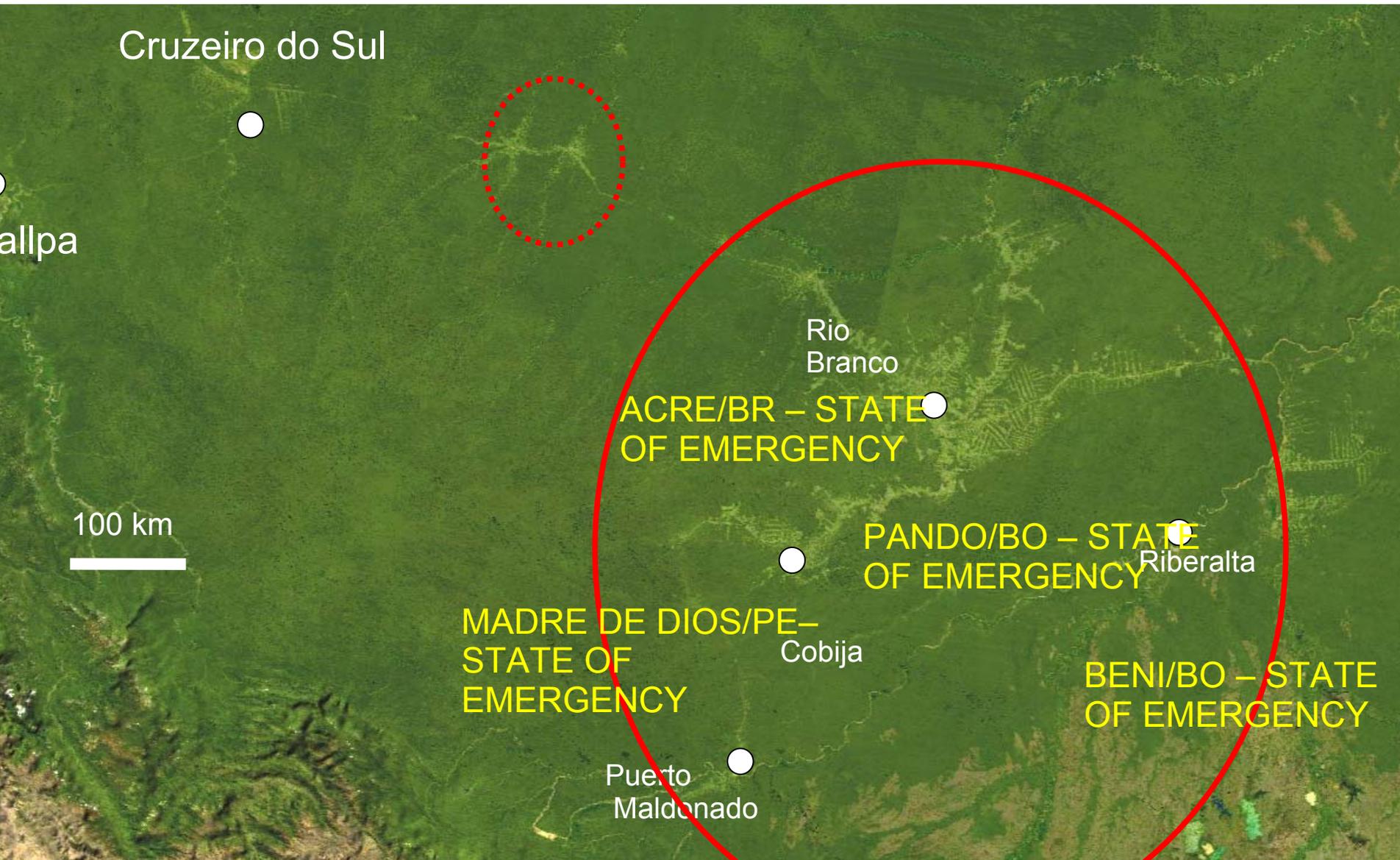
# Synthesis of knowledge about droughts and fires in Amazonia: the implications for the 2005 drought and fire impacts on Acre

## Components:

- Burned area quantification
- “Big” fire detection
- Biomass accumulation (modeling)
- Human health (smoke related)
- Human dimensions
- Smoke (aerosols)
- Hydrology
- Climate data



# Extensive Burning of Forests and Open Areas in Southwestern Amazon of Brazil, Bolivia and Peru August – October 2005. Declarations of State of Emergency



# Acre:

- Does Acre foreshadow what will happen in the rest of the Amazon in the next couple of years?

2-day workshop in the beginning of 2006

Participants:

- Leaders of the research components
- Local Scientific Community - dissemination

Product (not defined yet) by the end of 2006:

A single paper: what happened in Acre