



Earth from above –

Remote Sensing of Earth Surface Processes and Vegetation

Bodo Bookhagen

Universität Potsdam

Photo taken 5/6/2009,
one day after Jesusita
fire started

Earth Surface Processes and Vegetation

1. Methodological Remarks: Opportunities and Challenges
2. Research Example: Santa Cruz Island, south-central California
3. Methodological / Research Example: SAR (Radar) - Coherence-based Land-cover changes
4. Methodological / Research Example: Passive Microwaves and SAR analysis for observing Snow, Rain, and Soil Moisture