



TerraAmazon

Computational tool for Tropical Rainforest Satellite Monitoring

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GEOINFO 2017

XVIII Brazilian Symposium on Geoinformatics

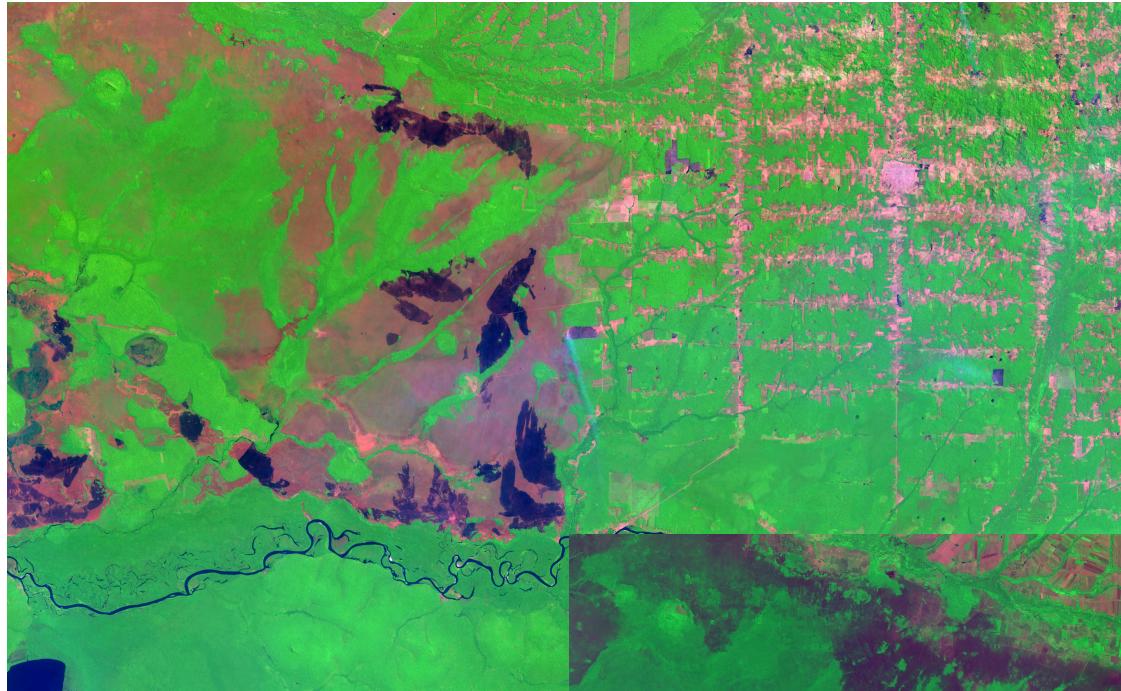
December 04th to 06th, Salvador, BA, Brazil

Deforestation



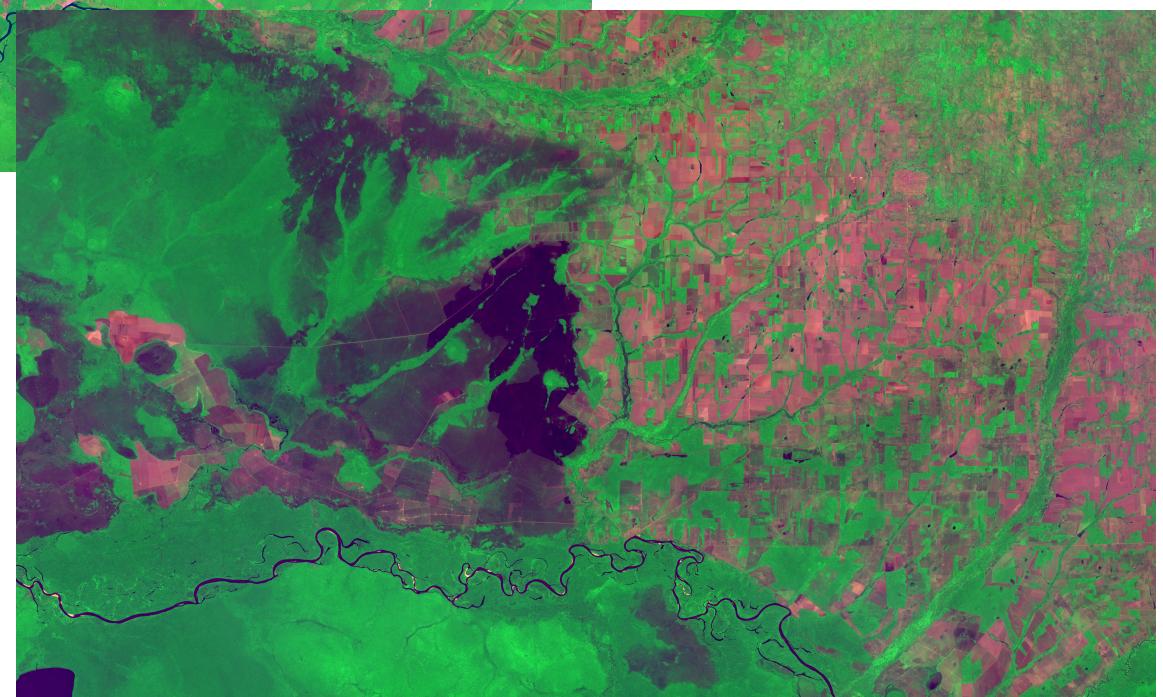
- Reduction of vegetal coverage
- Climatic changes
- Reduction in biodiversity
- Soil degradation
- Carbon gas emission
- among others

Monitoring



Landsat 5 - 1998

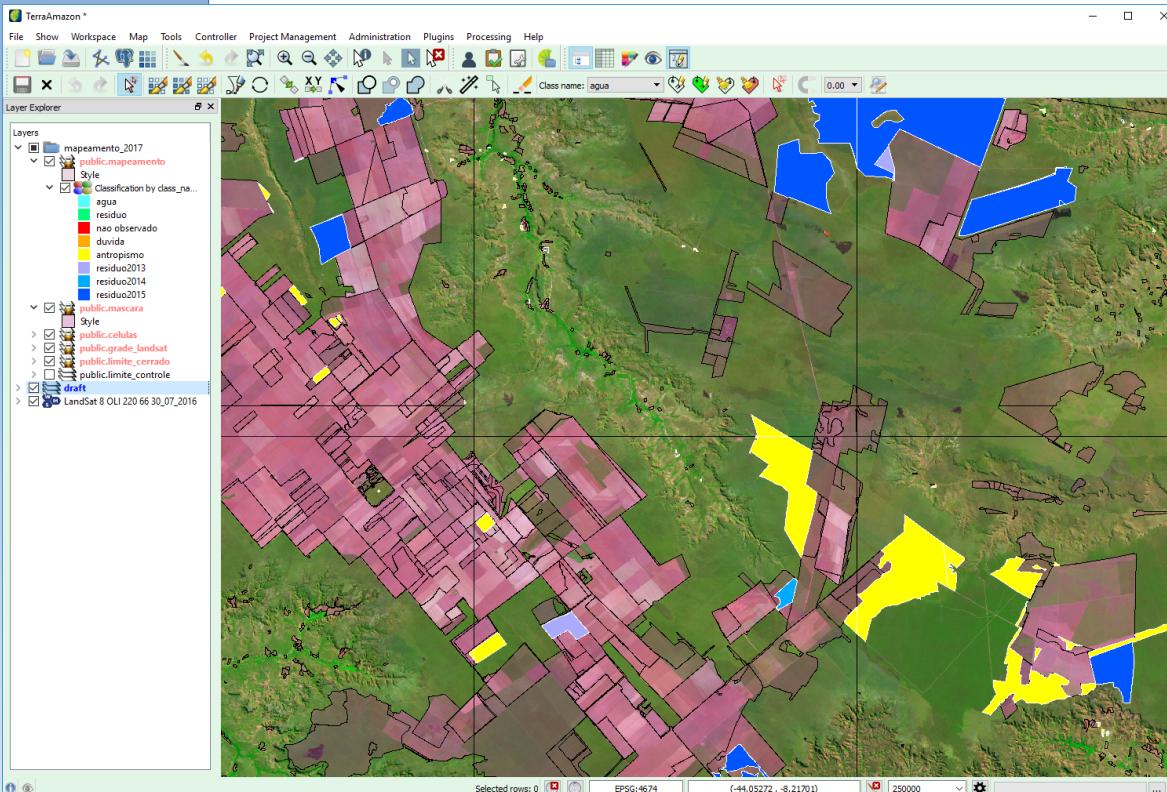
Identification and
mapping of
deforestation rates



Satellite Images:

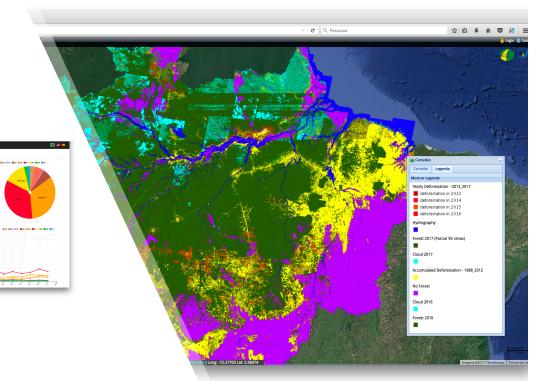
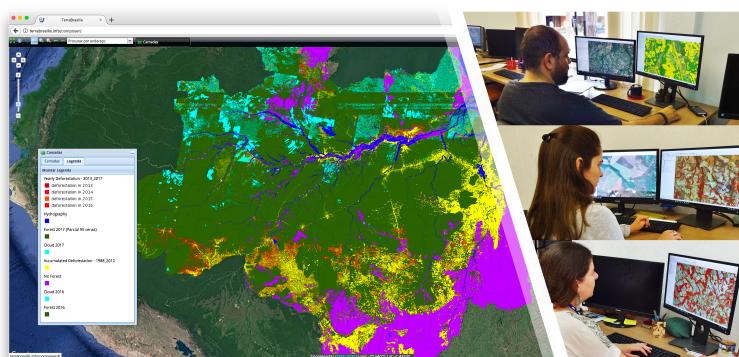
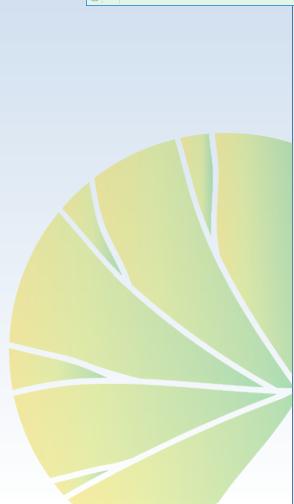
- Various sensors
- Multiple dates

MUX CBERS4 - 2017



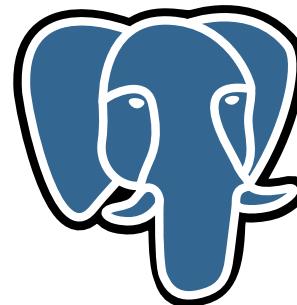
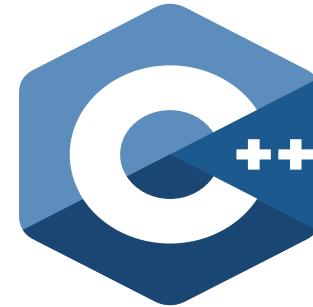
TerraAmazon

- Vector and Raster Processing
- Powerfull Edition Tools
- Project Management
- Multi-user System
- Access Distributed Data
- Open Source Project

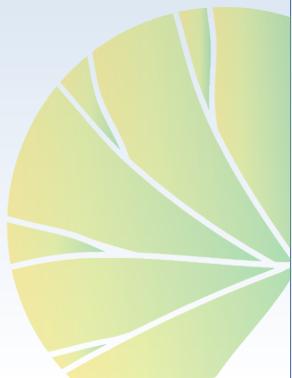




TerraAmazon



TerraLib



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INSTITUTO NACIONAL DE PESQUISAS ESPACIAIS



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