Projet de coopération Régionale d'Observation des GuYanes par SATellite

PROGYSAT

By public policy we mean the regulations put in place by States, communities or institutions managing a territory to protect forest resources

Public Policies and Forest Protection

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Protected Areas Are they effective in

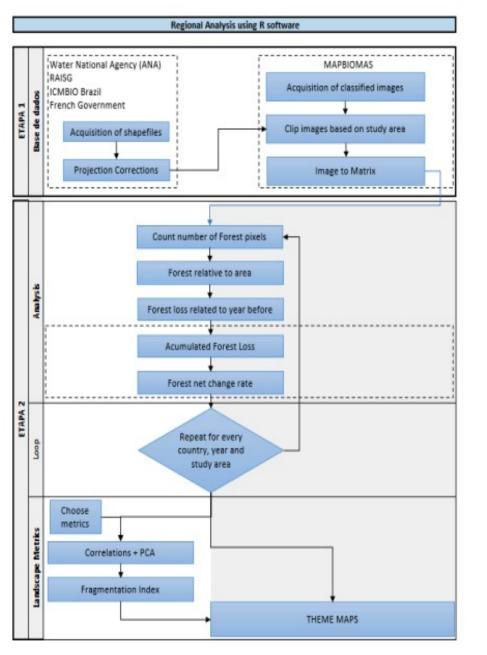
conserving the forest mass?

Through the compilation of Mapbiomas data, we analyzed forest loss in an automated way in two sites:

- Protected areas of the north channel of the Amazon River (Figure 1)
- 2. The Guiana shield (Figure 2)

In the space-time analysis, there is a visible effect of protected areas to conserve the forest massif. In the buffer zone of nonprotected areas, is where the accumulated deforestation is much greater.

Methodologies (regional and local scales):



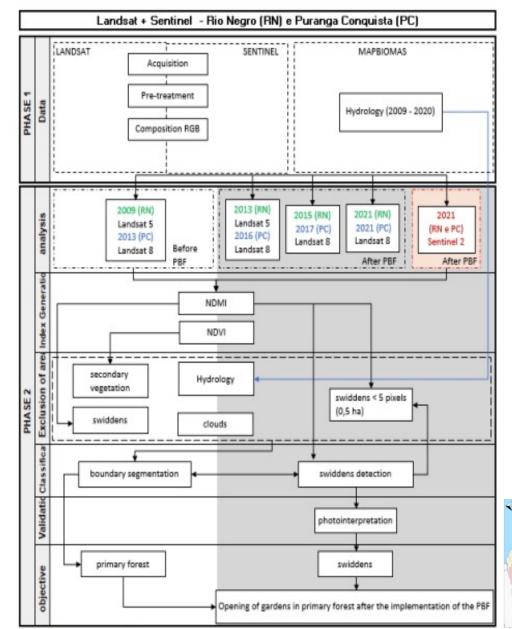
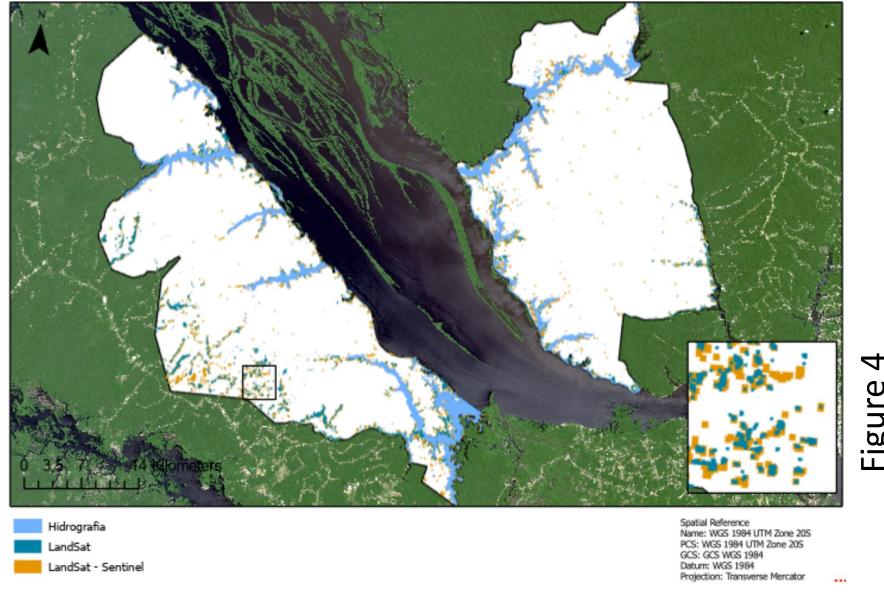


Figure 3

Local scale and "BOLSA FLORESTA" program:

Compensates local residents without any form of deforestation in primary forests. (figure 4)



In Rio Negro (left) there are indications that households are actively striving to meet program ² requirements (similar to the previous study done in Uatumã).

Puranga Conquista (right) points to an initial effort, but with the last 5 years there has been an opening of areas in primary forests.

Which land use are most associated with deforestation in the Guiana Shield? (Figure 2)

Brazil:

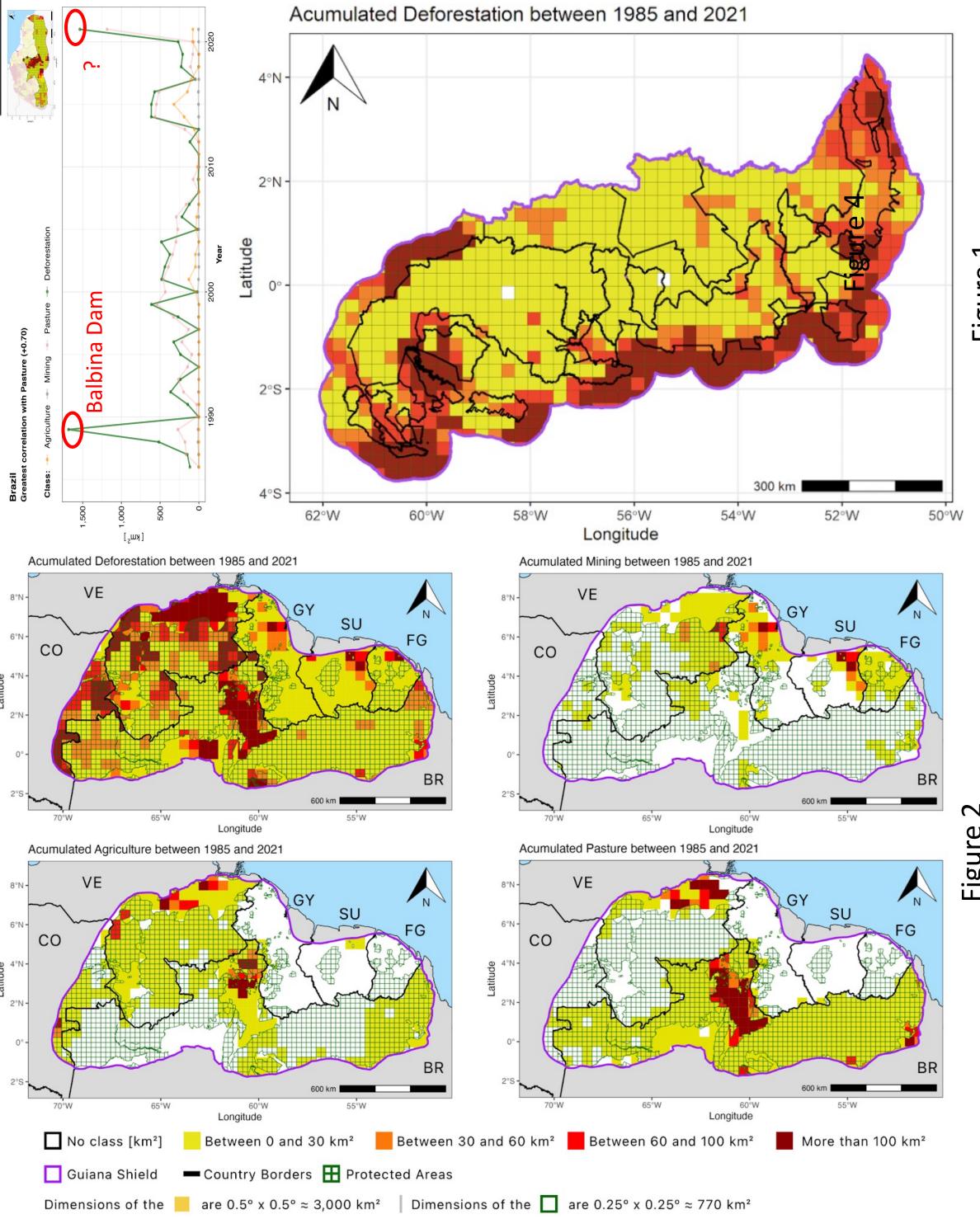
Agriculture

Suriname, Guyana and French Guiana:

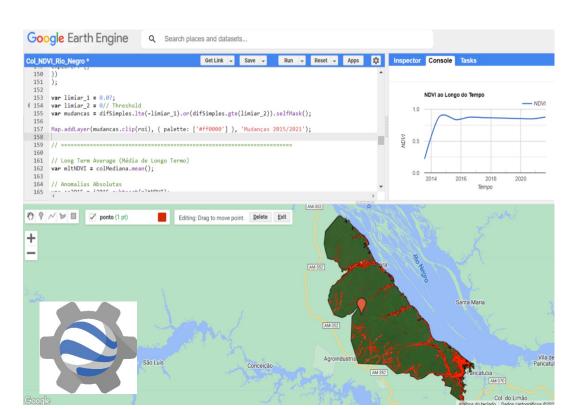
Mining

Main Results:

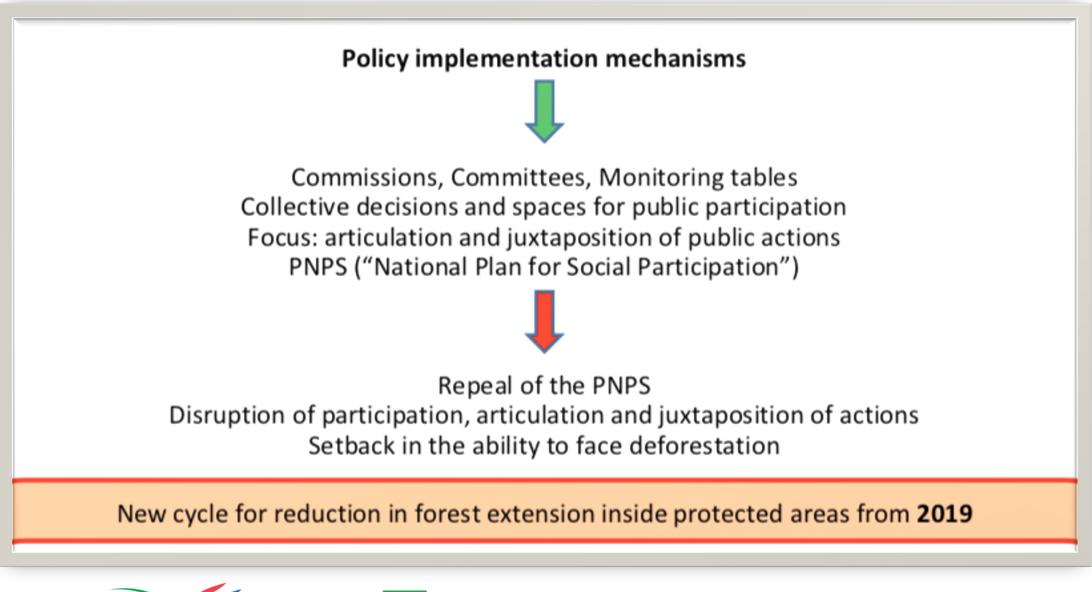
In addition to maps and graphs (Figures 1 and 2), we highlight the results of the scripts built (in R for macro analyzes and by GEE in more specific analyses) in order to facilitate and replicate the use of the same methodology in different areas.







Public policy analysis and conclusions:



Throughout Jair Bolsonaro's government (2019-2022), the federal government dismantled regulatory policies and instruments in environmental sector and restricted participatory decision-making spaces by ending the National Social Participation Policy. In parallel, access to credit and the debt financing of major producers was facilitated. All these together led to the increase of deforestation levels.



















