

Simulations for MT and Brazilian Legal Amazon

August 27, 2025

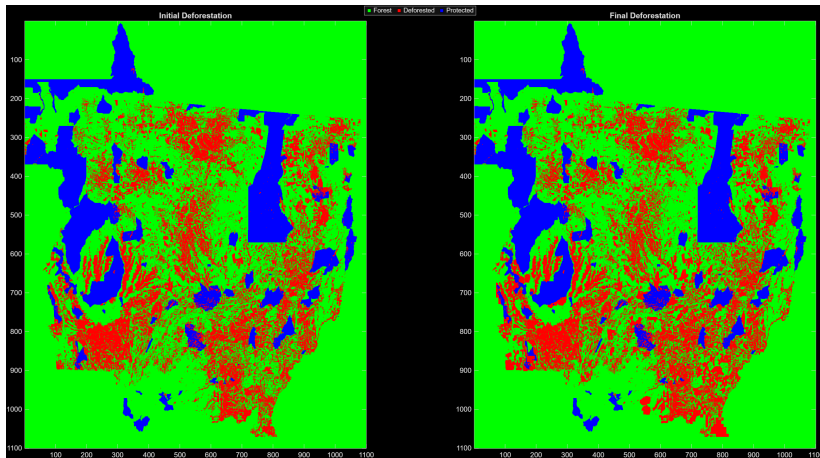
New stuff

- ▶ A_n , S_n and L_n correspond to the real data
- ▶ For S_n , we are using `land_use == agri` in the MapBiomes dataset Jialing prepared.
- ▶ Everything with 0.01 by 0.01 resolution: approx. 1.1km by 1.1km.

Table: Time are per period iteration in my computer (32Gb of Ram).
Acropolis is less than 4 times faster.

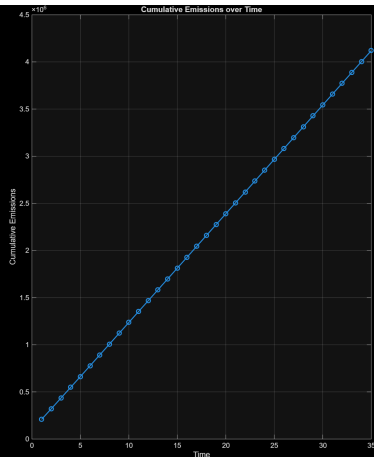
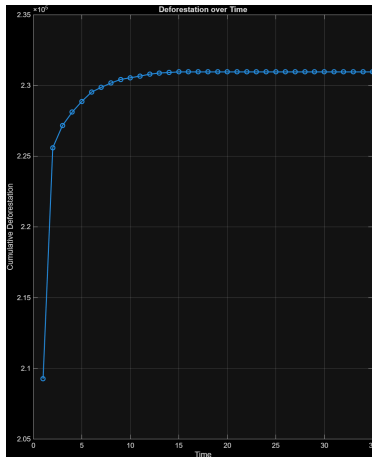
Exercise	Time	N cells
MT	~ 9s	~ 1MM
Legal Amazon	~ 24s	~ 7MM

Exercise MT

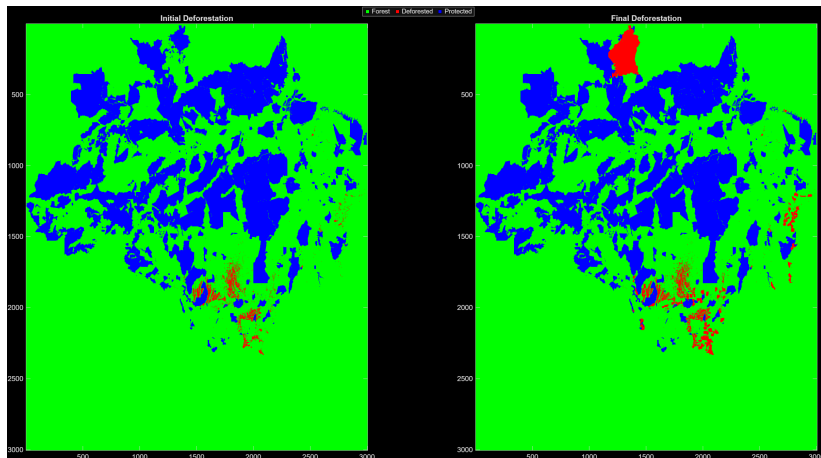


- Agribusiness here is agri and pasture on MapBiomes (needs to be changed).

Exercise MT



Exercise Legal Amazon



Exercise Legal Amazon

