

### Supplementary Information 3

Article title: Landscape disturbance and change lead to impoverishment and homogenization of butterfly assemblages in Southern Mexico

Journal name: Neotropical Entomology

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Extension (Has) of hábitats in the assessed landscapes

| Site  | RO      | WB     | PF      | AP      | SF      | TF      | RC      | FC      | UA   | AG    |
|-------|---------|--------|---------|---------|---------|---------|---------|---------|------|-------|
| Cul 1 | 0.1584  | 0      | 6       | 11.5    | 9       | 3.67    | 42.5416 | 5.67    | 0    | 0     |
| Cul 2 | 0.43675 | 0      | 10.58   | 9.5     | 7.22    | 7.74    | 24.2333 | 2.25    | 5.53 | 11.05 |
| Pot 1 | 0.1229  | 0.0359 | 28.72   | 30.2212 | 2.13    | 1.79    | 8.46    | 2.92    | 0    | 4.14  |
| Pot 2 | 0.1438  | 0      | 14.29   | 15.4662 | 6.81    | 30.2    | 6.47    | 0       | 0    | 5.16  |
| Aca 1 | 0.0361  | 0      | 5.92    | 0       | 14.94   | 57.6439 | 0       | 0       | 0    | 0     |
| Aca 2 | 0.1038  | 0.0385 | 8.56    | 0       | 4.12    | 60.4077 | 2.1     | 3.21    | 0    | 0     |
| Fru 1 | 0.2096  | 0.0945 | 17.34   | 5.83    | 2.5     | 4.46    | 9.47    | 33.6359 | 0    | 5     |
| Fru 2 | 0.1613  | 0.1418 | 11.65   | 6.38    | 17.6369 | 10.3    | 13.68   | 13.3    | 0    | 5.29  |
| Hel 1 | 0.1562  | 0      | 38.9138 | 10.42   | 11.6    | 7.85    | 7.8     | 1.8     | 0    | 0     |
| Hel 2 | 0       | 0      | 35.6    | 28.6    | 14.34   | 0       | 0       | 0       | 0    | 0     |

RO Roads

WB Water body

PF Pasture fields

AP Arboreal pasture

SF Scrubby fallow

TF Tree fallow

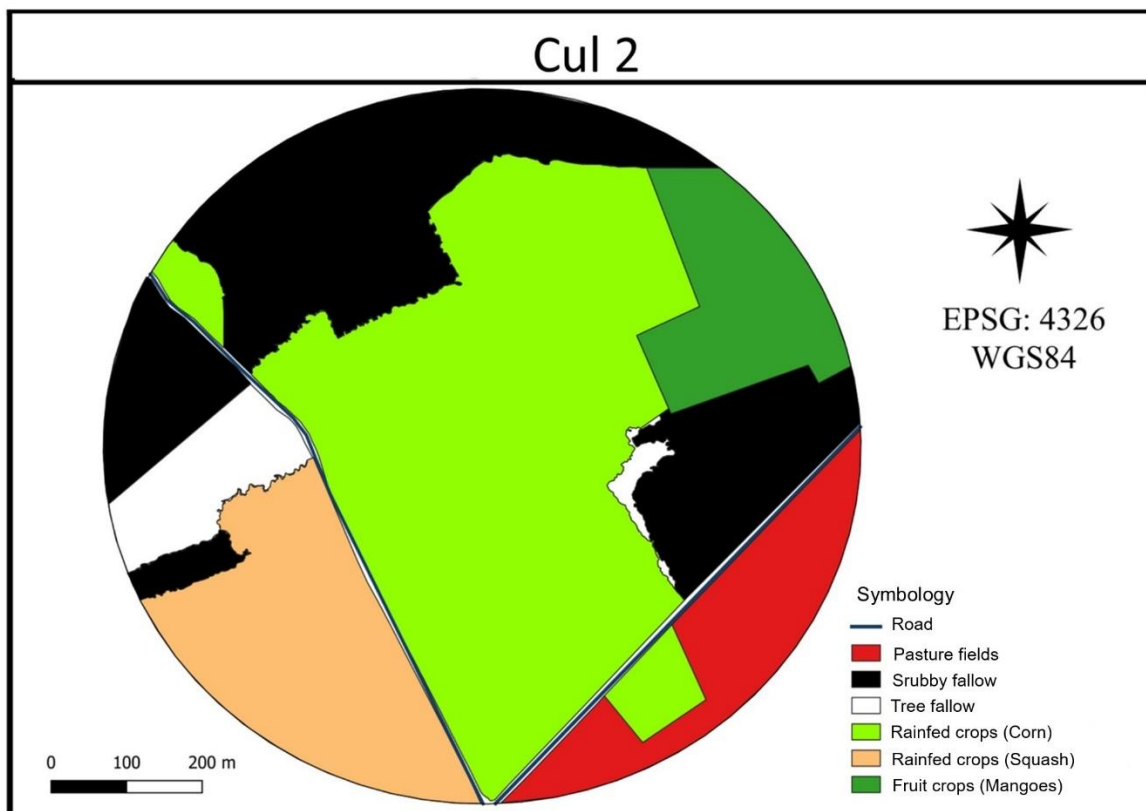
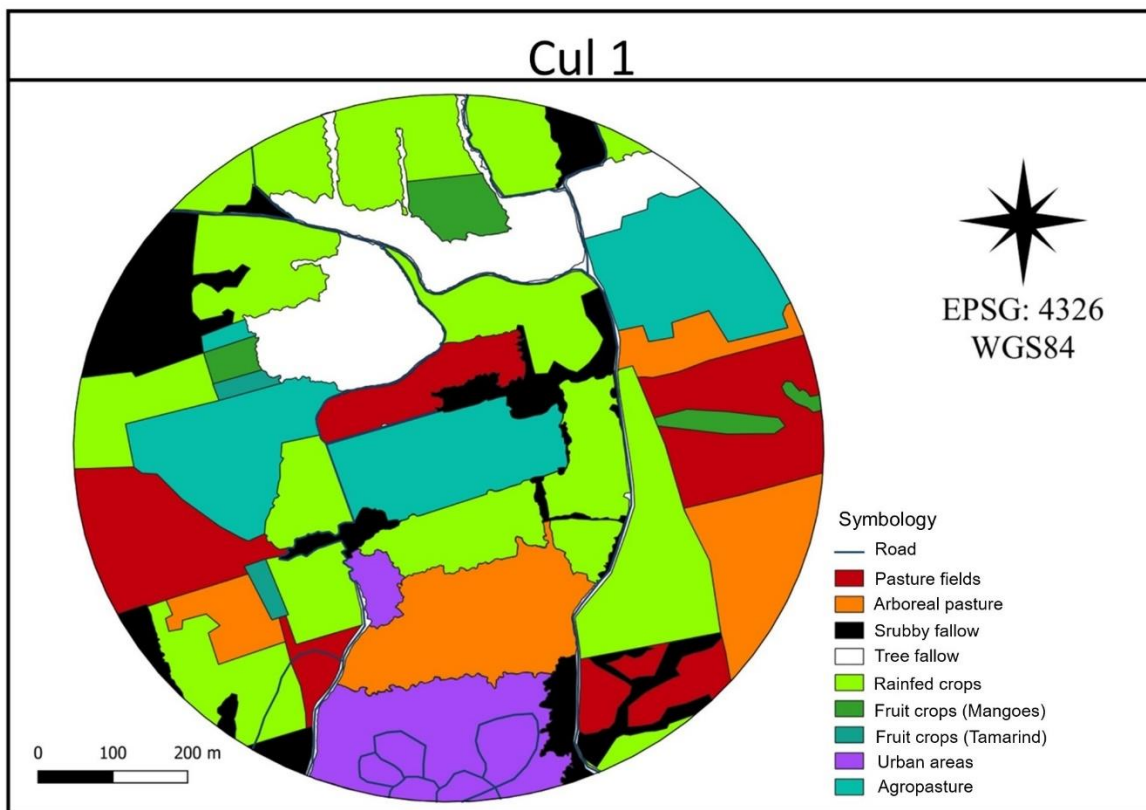
RC Rainfed crops

FC Fruit crops

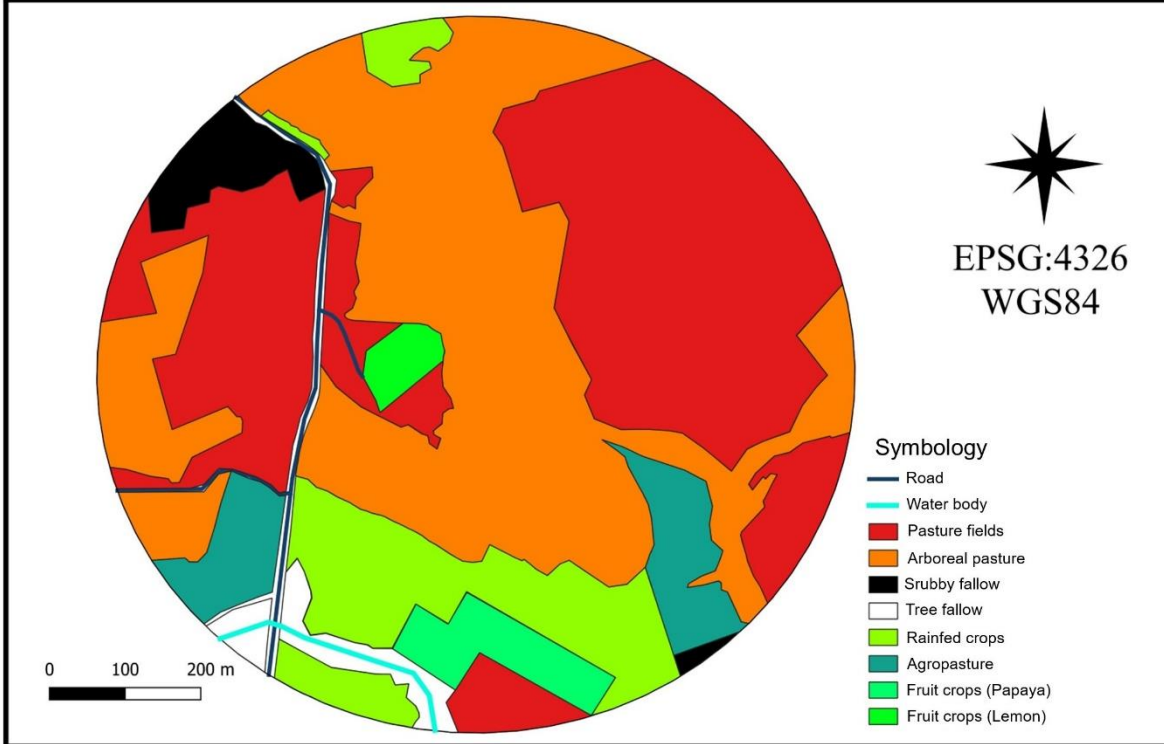
UA Urban áreas

AG Agropasture

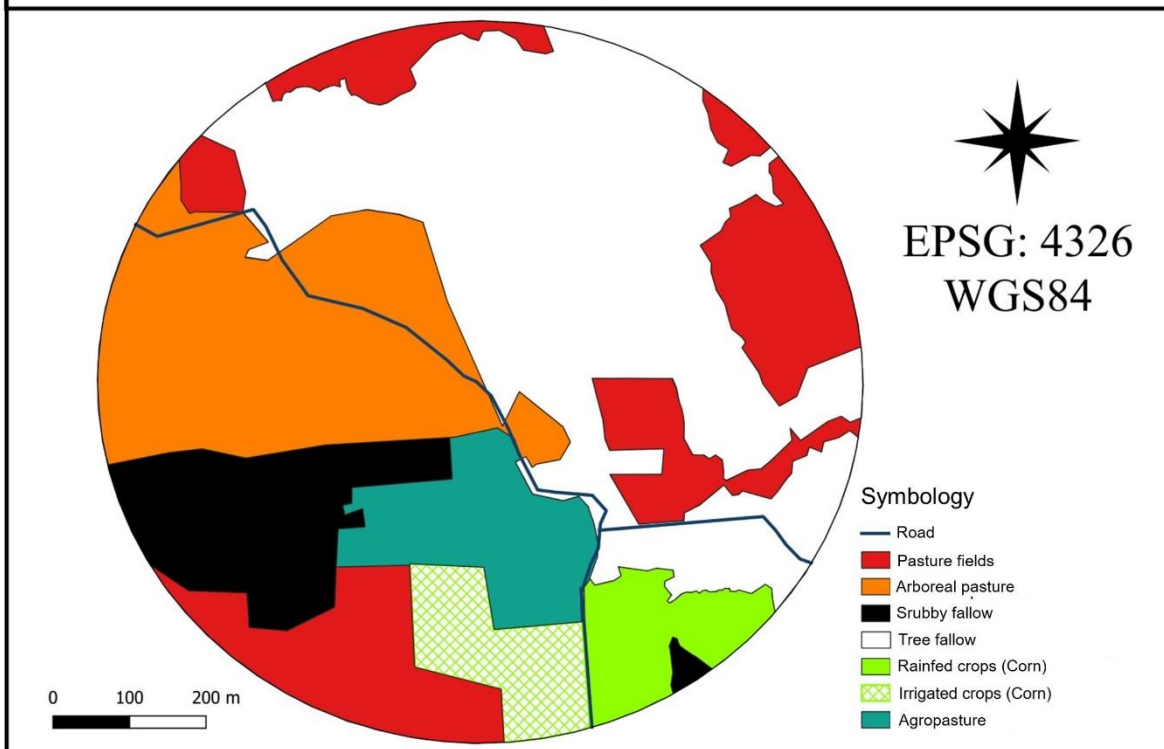
Spatial distribution of habitats in the assessed landscapes



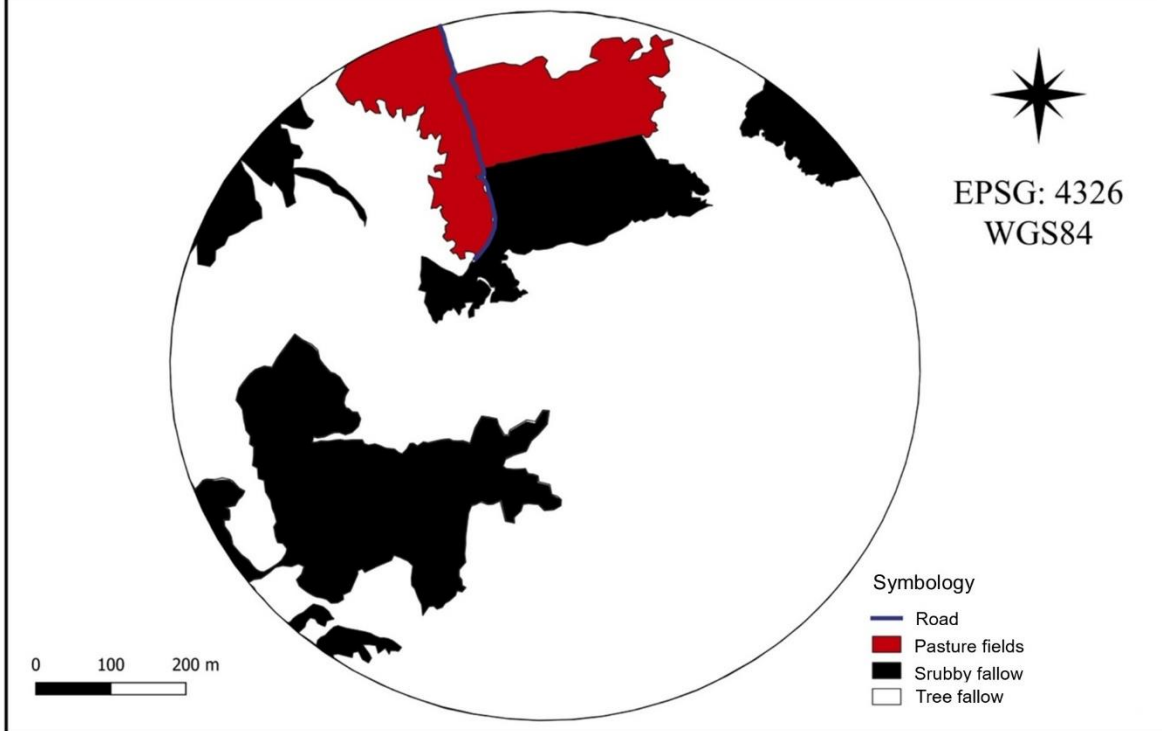
Pot 1



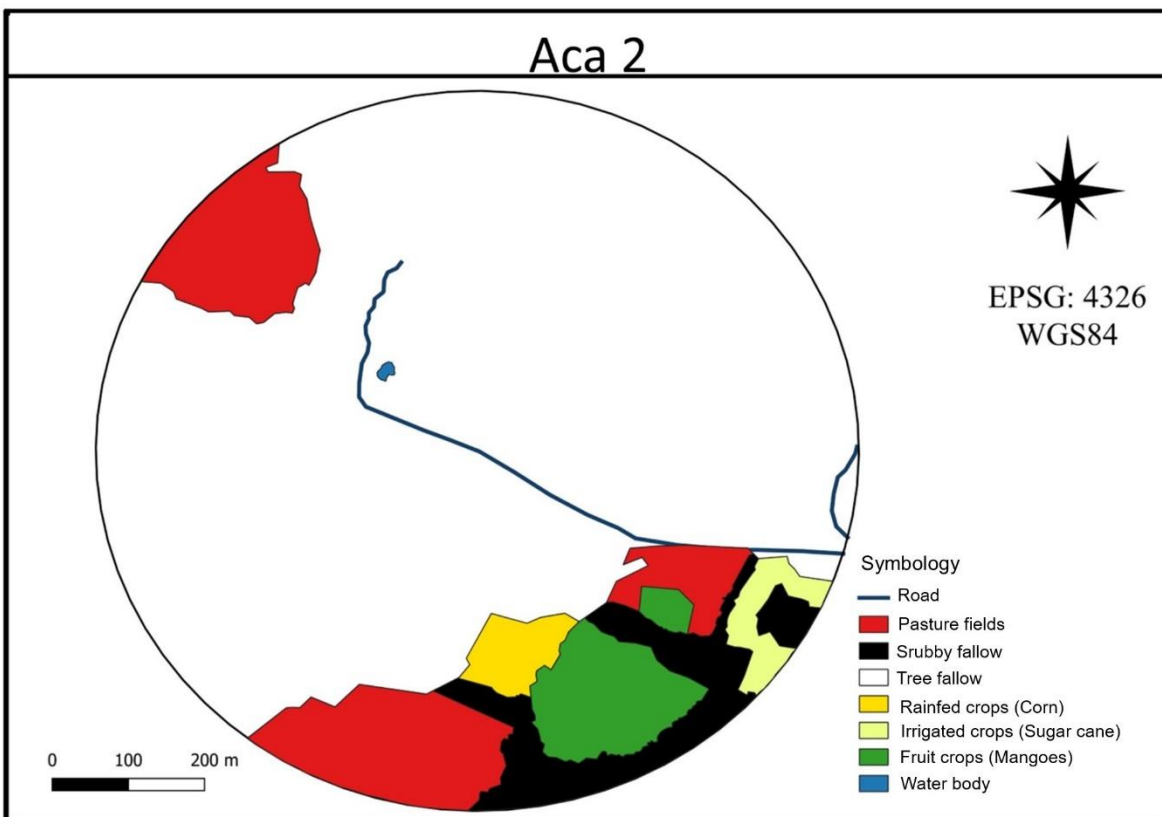
Pot 2



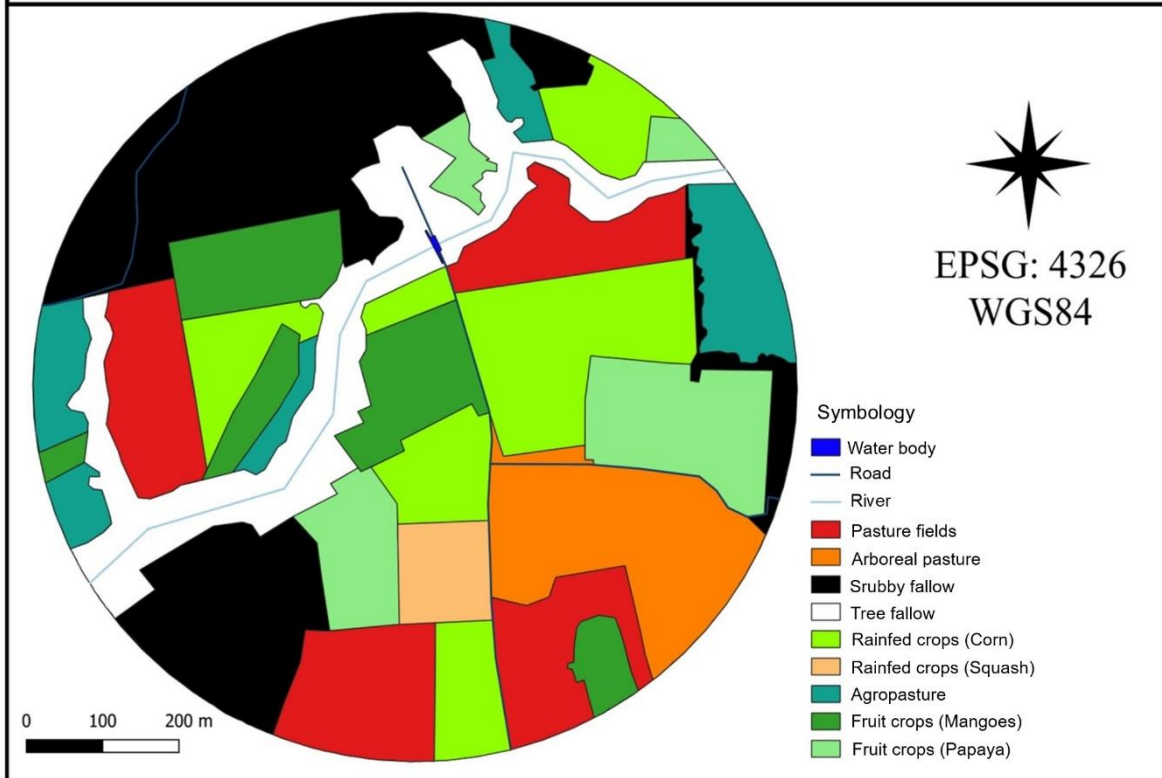
## Aca 1



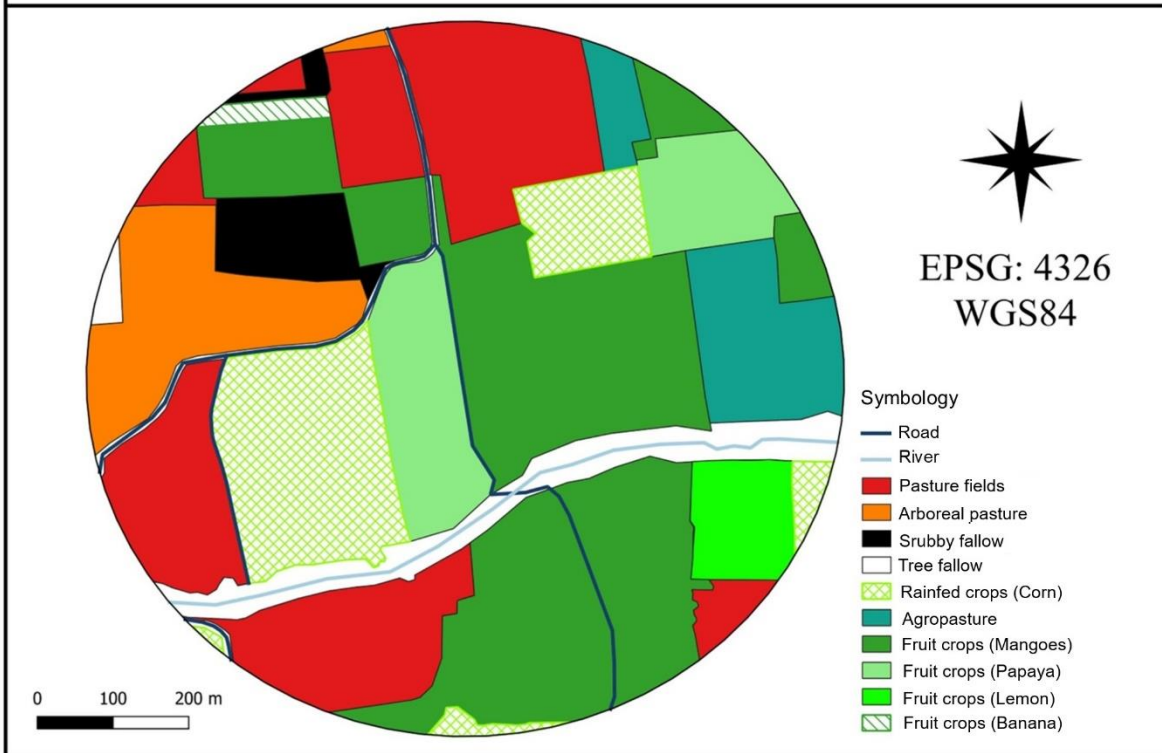
## Aca 2



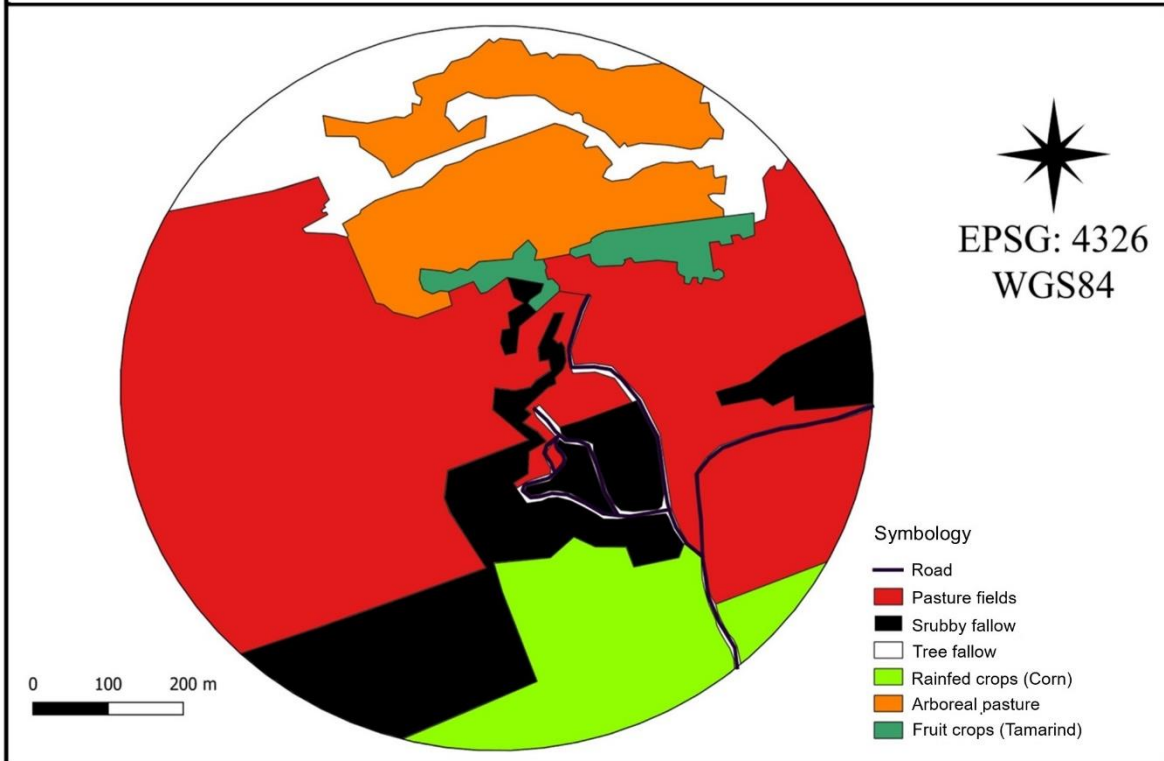
# Fru 1



# Fru 2



Hel 1



Hel 2

