Comparative analysis of the agroecological transition through the prism of the territory

— Two case studies in Senegal

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Disciplines • Human Geography, Agroecology

1. Context

In Senegal, various actors (scientists, politicians, farmers, civil society) are currently behind initiatives in favour of agroecology (1;2) and are involved in several fields such as technique experimentation, product market and advocacy...

However, the agroecological transition struggles to reach all actors and to settle uniformly across the territories. Even when initiatives emerge, they remain isolated and dispersed in through time and space (1). According to the theoretical (3;4) and empirical literature (5;6), taking into account the territorial scale would be necessary to analyse and implement change in a sustainable way.

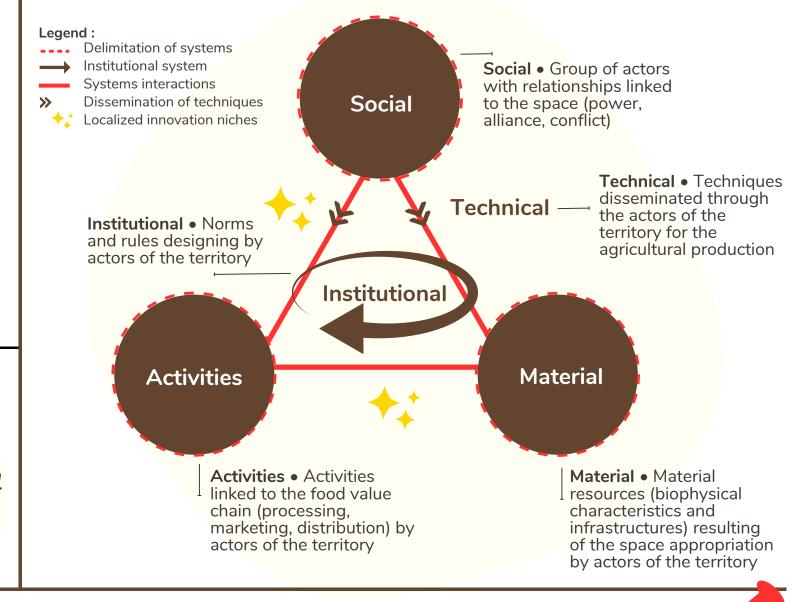
Thus, this thesis uses the french concept of 'territory', and questions the way in which it can be a driving force or an obstacle to an agroecological transition in Senegal.

3. Research question

To what extent can the territory be a driving force in the agroecological transition?

2. Theory

In order to take into account the socio-spatial character of change, this study will use a conceptual framework of the territorialised agroecological transition based on the multi-dimensions of the 'territory'.

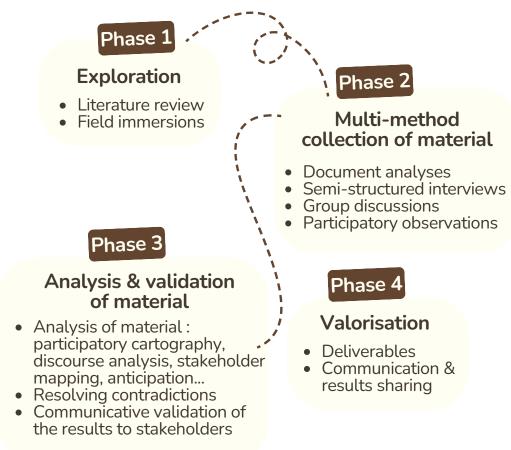


4. Methodology

To address the problem, two case studies were chosen to represent the diversity of territorial functioning and the trajectories that agroecology can take: the municipalities of Ndiob and Darou Khoudoss/Mboro.

The methodology of territorial diagnosis was chosen in order to analyse agroecology in time and space:

- Temporal trajectory of agroecology and innovations;
- Current state of agroecology and innovations;
- Anticipation perspectives in a collective manner to enable local actors to organise the transition within their territory.



5. Some results.

Analysis of the agroecological intervention & state of the art of innovations.



- Field inoculation
- experiments (IRD) • Crop mix, organic fertilizer,
- composting, mulching...
- (FAIR Project/Enda) Agroforestery (AVSF)
- Framework for concertation & dialogue (DyTAEL, REVES, CAP Commun, PLE)
 - Village committe & Natural
 - Resources Convention (Ndiob)
 - Organic fertilizer grant (Ministry of Agriculture)

Innovations

Activities (food system) • Toolu Kër (ARGMV/PNUD)

- Processing unit of local
- products (Ndiob
- Agroalimentaire, soap making)
- Composting center (GIZ)
- Quality label (FENAB)
- Agricultural cooperatives

- Material resources • ANR (World Vision, IED) &
- reforestation (Eaux & Forêts) Solar energy infrastructures
- (Africa GreenTec)
- Water-efficient watering system (ENDA/FAIR/COSTEA)
- · Agricultural training center
- (CIFOP) Farmer field schools (ANIDA)



Collective identification of territorial challenges using a zoning system based on the accounts of different actors.

Zonage à dires d'acteurs

• References

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