



Capitalisation of research results
on the multifunctionality of agriculture and rural areas

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Presentation of main results

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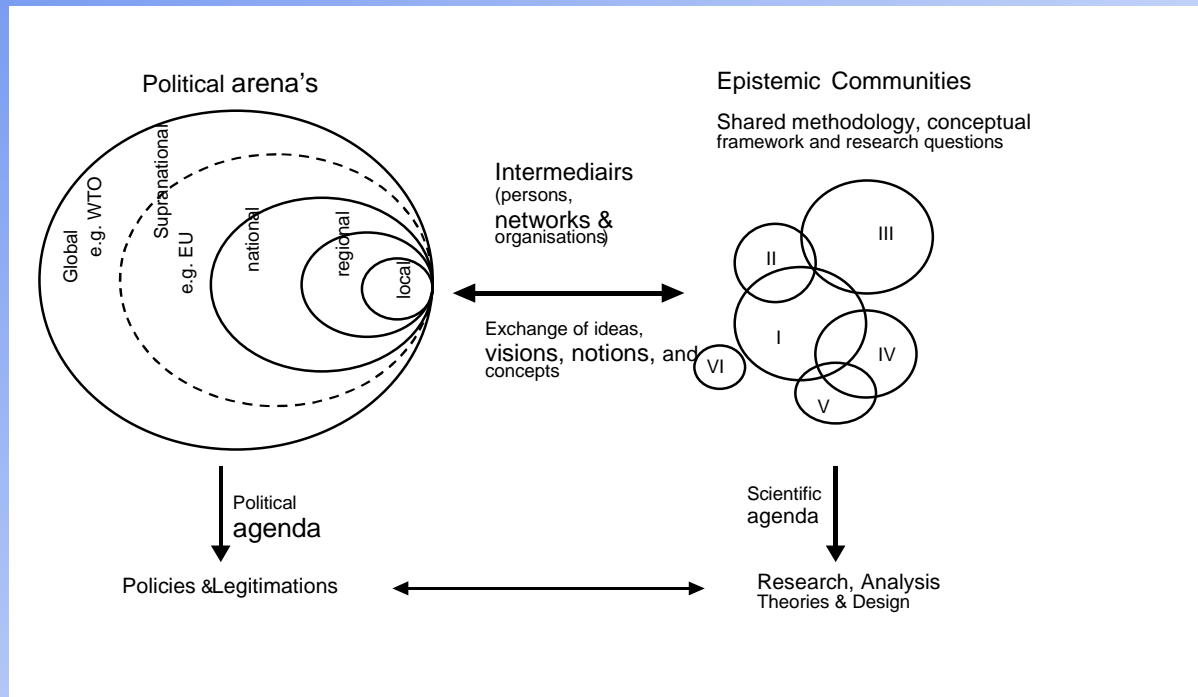
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Main results

- Conceptions of MF
 - Analytical framework
 - Governance and MF
 - Evaluation of policies
-
- ➔ Conceptual analysis
 - ➔ Indicators, tools and models
 - ➔Research gaps

Conceptions of multifunctionality

- co-evolution between society, politics and research





Concept Oriented Research Clusters (CORC)

- A joint production of commodities and public goods
- Multiple impacts and contributions of agriculture to rural areas
- A complementary and conflicting connection between commodities and identity goods
- Farmers strategies and practices
- Multiple use of rural space and regional planning
- Adjustment between activity systems and societal demands as a way toward sustainable agriculture and rural development
- A societal demand towards agriculture
- Governance, policy and multifunctionality



Positioning of research with respect to policy

- Clarification between positive (facts) and normative (goals) acceptations
- Research position: Multifunctionality as an analytical framework

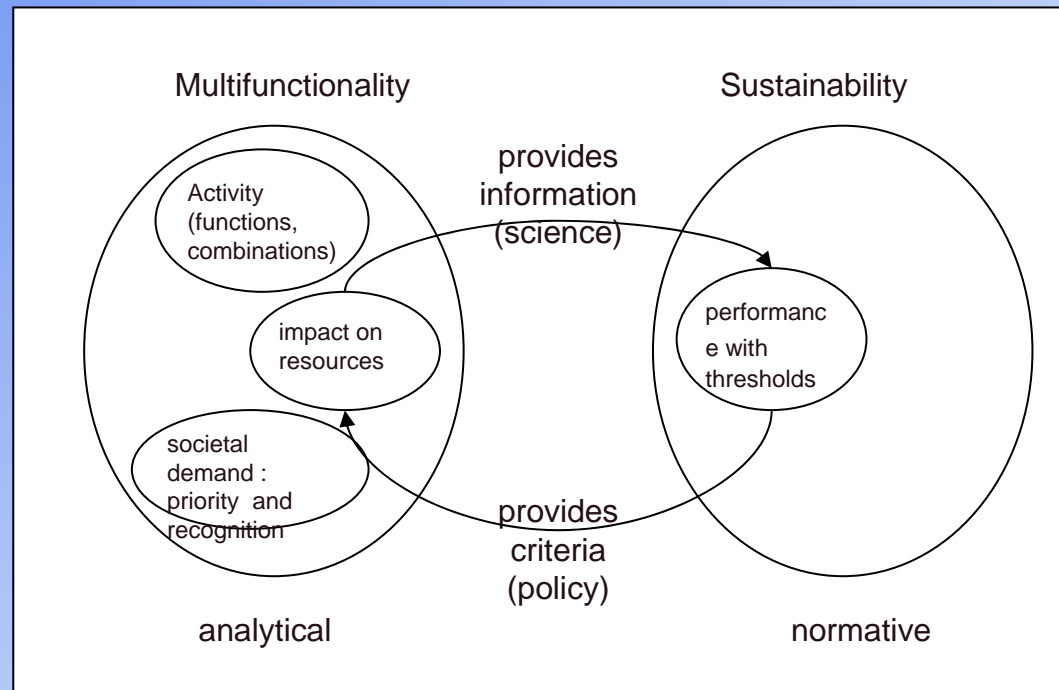


Towards an analytical framework

- Functions and interrelations
- Re-embedding-agriculture /rural areas-in society
- A way to operationalize sustainable development

Analytical framework (3): multifunctionality and sustainable development

Multifunctionality
-activity-oriented
-analytical



Sustainability:
-capital-oriented
-normative
-time and space

the links between the two notions are through resources



Analitycal framework (1): functions and their interrelations

- List of relevant functions → highly contextual
- Interrelation (jointness) is the core of MF
- Concerns technical, economical, social & institutional dimensions
- Few empirical studies on combinations of functions



Analytical framework(2): re-embedding agriculture in society

- Most studies concentrate on supply-side but not so much on demand-side of MF
- Few studies on links between agriculture and society
- Networks (social, institutional)
- Territorial perspective



Indicators tools and models for this analytical framework

- **Interrelations**

- no indicators of MF, but indicators of landscape functions
- most of the models tackle with limited number of functions

- **Re-embedding**

- no specific models
- development of Multi-Agent Simulation

- **Multifunctionality as a way to sustainability**

- some models connect farm activities with environmental issues (the state of resources)

Governance and multifunctionality

■ Policies

- How to address interrelations through policies?
- Multiple level of governance for policies

■ Market

- commodification (few studies)

■ Institutional arrangements

- many case studies, theoretical deficits

■ Balance of policies, market, institutional arrangements



Evaluation of multifunctionality : concepts and approaches

- Integration of multifunctionality goals and concerns into evaluation is a recent question
- Very diverse practices and experiences
- Mostly on trade policies
- Insights of Leader evaluation for MF policy
- Quantitative analysis versus qualitative methods



Indicators and models for impact assessment

- **Tools for policy implementation**
- **Ex ante assessment**
 1. economic models
 2. bio-economic models
- **Ex post assessment**
 - few of these models deal with MF
- Demand-based economic valuation techniques :
interest of the multi-attribute valuation for MFA



Conclusion: contributions of Multagri for future research

- Conceptual issues
 - clarification of the notion
 - analytical framework as a way to implement sustainable development
- Methodological issues
 - evaluative framework for models
 - critical questions
- Still much work... research gaps