













Transformationswissen für eine nachhaltige und geschlechtergerechte Nutzung von Agrobiodiversität

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BMBF-Forum für Nachhaltigkeit, Leipzig, 9.-11. September 2013











































Aims & Objectives:

Transdisciplinarity & the creation of transformation knowledge









Why inter- and transdisciplinary research for agrobiodiversity?

By Martina Padmanabhan, Anja Christinck and Hannah Arpke

Agrobiodiversity is simultaneously a natural resource and a cultural asset. Its evolution has been closely linked to the rich diversity of human social, cultural and economic activities under specific en-

Aim of this chapter:

 Outline the <u>need for inter- and transdisciplinary</u> <u>approaches</u> to agrobiodiversity research

To grasp its social-ecological dimension,

 To <u>explore the options</u> to stop the rapid loss of agrobiodiversity,

 To develop it further in a more <u>sustainable and</u> equitable manner. deveop its oach aried tists, ange

tions tally.







Developing a joint understanding of agrobiodiversity and land-use change

By Nidhi Nagabhatla and Anil Kumar

Agriculture is both creating and destroying agrobiodiversity. Understanding this ambiguity requires looking into the causes and driving factors for agrobiodiversity loss or enhancement on farm, among which land-use change is one issue quite difficult to conceive. Land-use change is in itself driven by complex dynamics and processes taking place on various spatial and temporal scales. Geospatial tools can be helpful for describing such dynamics

Aim of this chapter:

- To point out that: Land-use change is a main driver of agrobiodiversity loss.
- It takes place at <u>different scales</u> that are influenced by <u>different stakeholders</u>, that commonly lack a joint understanding underlying their actions.







Agrobiodiversity and equity: Addressing gender in transdisciplinary research

By Janet H. Momsen, Isabelle Kunze and Emily Oakley

In spite of women's role in creating and maintaining agricultural biodiversity having been acknowledged in a number of international policy documents, an implementation gap continues to exist once we come closer to the ground. Moreover, changes in agricultural and social systems challenge traditional gender roles and social obligations relating to collective agrobio-diversity management. To fulfil the promise of creating applicable knowledge for change, transdisciplinary research teams need to look closely into the gender and equity dimensions of agricultural biodiversity, and create spaces for women and men – to contribute their needs, knowledge

Aim of this chapter:

To discuss why gender and equity issues are essential to be included in transdisciplinary research.







Adding value to research through partnerships: Interdisciplinary and intercultural diversity in agrobiodiversity research

By Silvia Werner, Martina Padmanabhan and Anja Christinck

> Social and cultural diversity is highly topical, in commercial and research organizations alike. It aims at creating equal opportunities

Aim of this chapter:

- To <u>raise awareness</u> of the social and cultural relativity, positionality and situatedness of all knowledge
- To <u>discuss</u> how to practically deal with it, while building interdisciplinary and intercultural research teams
- To <u>suggest</u> approaches for integrating diverse peoples' knowledge and skills for a fruitful collaboration.







Conserving agrobiodiversity on small-scale farms in developing countries through innovative market-based instruments

> By Till Stellmacher, Anja Faße, Jaqueline Garcia-Yi and Ulrike Grote

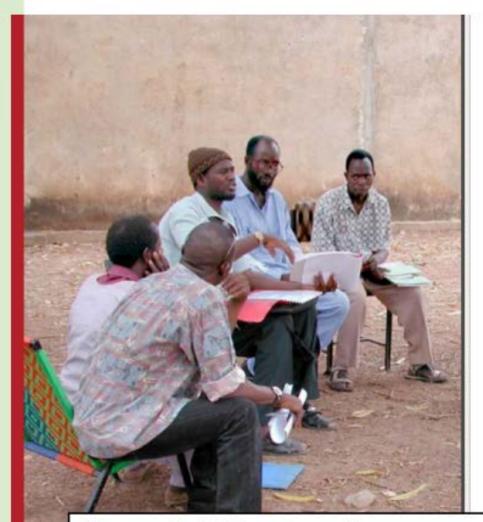
Conserving agrobiodiversity on-farm is increasingly regarded as calling for new forms of cooperation among stakeholders operating along value chains, such as farmers, food processing companies, traders and consumers. Market-based instruments can provide a link for negotiating on standards and goals, and by effecting proper implementation. However, in order to achieve the desired impacts, and to promote equity along with agrobiodiversity conservation goals, market-based instruments.

Aim of this chapter:

Provide an understanding of:

Concepts, Potentials & Challenges of innovative Market based Instruments (MBIs) that aim to promote the in situ conservation of agrobiodiversity.







Policy dialogue beyond recommendations

By Martina Padmanabhan

Transdisciplinary agrobiodiversity research aims at providing transformation know-ledge to enable stakeholders to progress more efficiently towards sustainable and gender equitable management and use of agrobiodiversity. In order to lead a policy dialogue beyond mere recommendations, transdisciplinary research needs to engage from a very early stage with stakeholders involved in policy-making. Thus the challenge to be addressed is how to establish a meaningful form of dialogue at the science-policy interface from the inception of the research.

Aim of this chapter:

To discuss: How to establish meaningful dialogue at the science-policy interface.









Outlook: From science policy to transdisciplinary research

> By Martina Padmanabhan, Jörg Lohmann and Dieter Nill

Research aiming at sustainable development solutions is most often funded by public money and thus should serve the greater common good. The funding institutions have the liberty to create incentives and structures accordingly, by setting criteria for the eligibility of proposals and establishing funding and

Aim of the chapter:

Draw conclusions for research policy by:

- including the barrier-crossing character of transdisciplinary research,
- enabling a learning culture in research aiming at sustainable development
- → Sketch entry points for potential institutional change.

























Thank you for your attention



