

Contact

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Title:	Towards innovative land management strategies and policy measures for reducing trade-offs between food supply, biodiversity and ecosystem services at a landscape scale
Organizers:	TALE consortium, which stands for "Towards multifunctional agricultural landscapes in Europe: Assessing and governing synergies between food production, biodiversity, and ecosystem services" (www.ufz.de/tale) Project coordinator: Prof. Dr. Martin Volk, Helmholtz Centre for Environmental Research – UFZ, Leipzig, Germany
Date:	Monday, 12 th March 2018
Time:	9:00 – 12:00 and 13:00 – 16:00
Location:	Berlin, Germany - Adlershof con.vent
Languages:	English
Costs:	30 € (Lunch included)

Participants

About 30 participants, open to all conference participants (registration required)

Thematic Outline

Many rural landscapes in Europe deal with competing demands for land, at a cost of trade-offs between multiple objectives, such as food production, ecosystem services and biodiversity. Understanding and balancing these trade-offs has a high priority on the policy agenda to promote sustainable landscapes (e.g. Tschardt et al., 2005).

While these trade-offs are highly context-specific, place-based studies that focus on local specificities of trade-off mechanisms are currently missing, particularly with involvement of stakeholders or local experts (e.g. Turkelboom et al., 2016). However, the regional and local policy context as well as the relations between and attitudes of stakeholders are highly relevant for trade-off assessments, as these factors strongly influence the options for the management of these landscapes (Cord et al., 2017).

This satellite workshop focusses on the question how trade-offs between food production, biodiversity and ecosystem services could be effectively managed at a landscape scale. We aim to gain an improved understanding on the role of trade-off assessments within a regional policy and planning setting as well as on innovative policy instruments that could support the reduction of trade-offs within a European context.

As a starting point of the discussion between scientists, policy makers from regional/national governmental levels and practitioners from different backgrounds (e.g. NGO representatives, local stakeholders), we use the results and experiences from the European research project TALE.



The main aim of the BiodivERsA/FACCE-JPI TALE project (“Towards multifunctional agricultural landscapes in Europe: Assessing and governing synergies between food production, biodiversity, and ecosystem services”) was to explore how ecosystem services and biodiversity should be managed within agricultural landscapes. Within the project, the multifaceted links between agricultural production, biodiversity and ecosystem services have been disentangled and quantified for different European agricultural landscapes - based on case studies in Austria, Germany, the Netherlands, Switzerland and Spain. Furthermore, it was assessed how these trade-offs might change under different scenarios, which were developed in a participatory process and framed around land sharing versus land sparing strategies.

During the morning session, we focus on the question how land management strategies that reduce trade-offs between food supply, biodiversity and ecosystem services can be achieved. Which types of methods are most suitable to assist policy and planning in addressing this issue? We use our experiences with optimization methods to discuss the potential and limitation of different decision-support methods for addressing trade-offs within regional planning. Furthermore, we will reflect on an evaluation of the information and methods that are seen as valuable for different levels of the policy cycle, as delineated by stakeholders within the TALE case study areas. A final round-the-table focusses on the role of stakeholders, which are often seen as vital in identifying trade-offs and used to steer towards a consensus solution regarding desired land management strategies. What are the opportunities and limitations of co-design and/or engagement of stakeholders within a process to achieve land management strategies that reduce trade-offs at a regional/landscape level?

During the afternoon session, we focus on innovative policy measures or planning solutions for reducing trade-offs between food supply, biodiversity and ecosystem services. This session is a combination of presentations and a round-the-table discussion, which includes a presentation of evidence from different European regions on innovative policies and on policy silos. We also discuss the challenges in addressing trade-offs from a regional governance perspective, such as institutional fragmentation and competing goals of land use-related policies at different levels.

We invite interested participants, from both a science and policy/planning background, to discuss these issues during this satellite workshop.

