

## Land use spillover and leakage effects: Towards integrating concepts, empirical methods, and models

### Preliminary Workshop Program

**Date:** 9-10 November 2017

**Location:** Robert Bosch Foundation, Französische Straße 32, 10117 Berlin, Germany

**Day 1 - November 9<sup>th</sup>, 2017, Conference Room 2.7/2.6**

<b>8:30-9:00</b>	<b>Arrival &amp; Registration</b>
9:00-9:15	Welcome and introduction to workshop objectives <i>Patrick Meyfroidt (Université catholique de Louvain) and Jan Börner (University of Bonn)</i>
<b>SESSION I: Global Trade and Land Use at Regional and Local Scales</b> <i>Moderation: Rachael Garrett, Boston University</i>	
9:15-10:00	<b>Keynote address:</b> An Economic Perspective on Spillovers and Leakage Associated with Agricultural Technology, Climate Impacts and Mitigation Policies <i>Tom Hertel, Purdue University</i>
10:00-10:30	Restructuring of livestock trade and production after the breakdown of the Soviet Union leads to net greenhouse gas emission savings <i>Florian Schierhorn, IAMO</i>
10:30-11:00	Technology, Global Land Use Change, and the Prospects of Increased Protectionism <i>Nelson Villoria, Kansas State University</i>
<b>11:00-11:30</b>	<b>Coffee break, Room 2.5</b>
11:30-12:00	Land-use and biodiversity footprints of palm oil embodied in final product consumption <i>Johannes Többen, Norwegian University of Science and Technology</i>
12:00-12:30	Deforestation and associated carbon emissions embodied in trade of agricultural and forestry commodities – a pan-tropical analysis <i>Florence Pendrill, Chalmers University of Technology</i>
12:30-13:00	Morning plenary
<b>13:00-14:00</b>	<b>Lunch, Room 2.8</b>
<b>SESSION II: Supply Chain Interventions and Land Use Leakage/Spillover Effects</b> <i>Moderation: Javier Godar, SEI</i>	
14:00-14:45	<b>Keynote address:</b> Land use in a flat world: outsourcing land use and other spillover effects <i>Eric Lambin, Stanford University</i>

14:45-15:15	The restructuring of South American soy and beef production and trade under changing environmental regulations <i>Yann Le Polain de Waroux, Stanford University</i>
15:15-15:45	Empirical measurements of market leakage from an eco-certification program <i>Robert Heilmayr, UC Santa Barbara</i>
<b>15:30-16:00</b>	<b>Coffee break, Room 2.5</b>
16:00-16:30	Modeling leakage from zero-deforestation commitments in the South America soybean sector <i>Kimberly Carlson, University of Hawaii</i>
16:30-17:00	Shades of gray in conservation: bioeconomy spillovers when environmental enforcement is imperfect <i>Jan Börner</i>
17:00-18:00	Afternoon plenary
<b>19:00</b>	Workshop dinner – at ETA Hoffmann Stube

## Day 2 – November 10<sup>th</sup>, 2017, Conference Room 1.2

<b>SESSION III: Complex Drivers of Land Use Leakage/Spillover Effects</b> <i>Moderation: Krisztina Kis-Katos, University of Göttingen</i>	
9:00-9:45	<b>Keynote address:</b> Icons, institutions and intensifications: Why formal and informal processes work in some production frontiers and not in others <i>Susanna Hecht, UC Los Angeles</i>
9:45-10:15	Deforestation, carbon emissions, and land-use displacement in the Chaco <i>Tobias Kümmerle, Humboldt University Berlin</i>
10:15-10:45	Agricultural intensification and the spatial economy: implications for extensive frontiers in Brazil. <i>Eugenio Arima, University of Texas</i>
<b>10:45-11:00</b>	<b>Coffee break, Room 2.5</b>
11:00-11:30	How agglomeration economies are shaping new agricultural landscapes <i>Peter Richards, USAID</i>
11:30-12:00	Foreign investments in northern Mozambique: the role of identity in decision-making and land use change <i>Angela Kronenburg, Université catholique de Louvain</i>
12:00-12:30	Protected Areas' Deforestation Spillovers & Two Critical Underlying Mechanisms: Empirical Exploration for the Brazilian Amazon <i>Alexander Pfaff, Duke University</i>
12:30-13:00	Morning plenary
<b>13:00-14:00</b>	<b>Lunch, Room 2.8</b>
<i>Moderation: Jan Börner</i>	
14:00-15:00	<b>Poster session</b> <ul style="list-style-type: none"> <li>Signs of shifting behavior? How conservation policies affect land market speculation in Brazil (<i>Javier Miranda, University of Bonn</i>)</li> </ul>

	<ul style="list-style-type: none"> <li>• Protected area leakage, environmental enforcement, and land claims (<i>Elias Cisneros, University of Bonn</i>)</li> <li>• Assessing future effects of the German bio-economy on global land-use change (<i>Rüdiger Schaldach, University of Kassel</i>)</li> <li>• The Biomass Footprint of Food, Feed, Fuel and Fibre – New detailed insights into the global supply chains of biomass commodities and their final utilization (<i>Martin Bruckner, Vienna University of Economics and Business</i>)</li> <li>• Linking land use displacement, leakage and land changes - A contribution to theory development in land system science (<i>Virginia Rodriguez Garcia, Université catholique de Louvain</i>)</li> </ul>
15:00-15:30	Questions
15:30-16:00	<b>Coffee break, Room 2.5</b>
	<i>Moderation: Toby Gardner (SEI), Patrick Meyfroidt, Jan Börner</i>
16:00-18:00	Interactive discussion on key messages and research opportunities
18:00	<b>Closure</b>