

Junior Postdoc Fellowship für Dr. Dambala Gelo: Welfare Effect, Design Preference and Enforcement Mechanisms of Common Property Forestry Management: Econometric and Experimental Studies in Ethiopian Villages

Initiative: Wissen für morgen – Kooperative Forschungsvorhaben im subsaharischen Afrika (beendet)

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Tropical deforestation, inter alia, spurred by market failure resulting from incomplete property right, is pervasive and has been observed to pose significant welfare loss in many of developing and emerging economies. Theoretical argument is rife that, compared to its rivals, common property right instrument appears superior on efficiency grounds to correct the problem. Partly as the result of this reason and a broader political decentralization spur, recent decades have seen a wave of its widespread adoption in the form of state-community property right arrangement in several developing and emerging economies. However, its effectiveness and the welfare outcomes are sparsely evaluated and the conclusions thus far are anecdotal. These empirical uncertainties motivated the present study to evaluate its welfare effects, design preference and efficacy of enforcement mechanism. The objectives are: 1. To evaluate the welfare impact of common property right policy instrument of natural forests management; 2. To identify salient common property right policy attributes that farmers promote; 3. To experimentally determine enforcement instruments that foster compliance with common property forestry appropriation rules. The contribution of this project is three-pronged; first identification of the true parameter of program's welfare effect. Second, through analysis of design preferences, it offers important policy information concerning which type of common property forestry to implement. Third, result from framed field experiment analysis help policy maker to choose effective enforcement mechanism in implementation of alternative decentralization programs.

Projektbeteiligte

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