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TITLE: A LOCALISED TOOL FOR MODELING AGRICULTURAL POLICY IMPACTS ON RESOURCE USE

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ABSTRACT:

Agricultural policy impacts on economy and environment are being discussed at a national and international level quite intensively. But how the irrational pricing of inputs as a result of policy affects decision making at a household level and a local level is an interesting research question which is being attempted in this paper. To analyse the linkages between policy, farmer's decision making, institutions, regional economy and environment a village social and environmental accounting matrix (SEAM) which accounts for natural resource uses could be a useful tool. A new village level perspective at natural resources use and policy impacts on environment is attempted. SEAM serves as a tool for complex structure of the local institutions and local input output dynamics capturing cropping choices, and an important resource use decisions like that of groundwater use. The decisions regarding the resource use by the households are the key point where the agrarian economy-environment interactions start and one of the interesting choices to bring out these interactions is SEAM bringing out the linear effects of the policy.