

PROPOSAL: "AGRARIAN KNOWLEDGE, SOCIAL LEARNING AND INNOVATIONS IN TECHNOLOGY"

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This project uses data from a sequence of surveys detailing changes farmer knowledge, social networks, farming activities and GPS mapping data to evaluate the impact of a randomized experiment involving new agricultural extension methods. The RA will make use of raw survey data to construct useful summary measures of, e.g. knowledge and use of new techniques, communication paths between community members, and the dynamics of yields and profits. The SRO project will be to examine summaries of these data by treatment status, and by interactions of that with position in the social network.

The work will require the RA to do extensive (well-documented, careful) Stata programming in order to organize the data, clean the data, analyze the results, and help prepare tables and graphs for papers and presentations. The RA will be in regular contact with the field staff in Tamale, Ghana, to provide analytic support for ongoing field research.