

"Agricultural Productivity and Risk in Northern Ghana"

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This project uses multiple years of data on farm inputs and outputs in Ghana to investigate the relationships between productivity, soil, and rainfall realizations. How do farmers invest in their soil fertility, and what is the effect of these investments on the resilience of their farming activities to variations in rainfall? The RA will make use of data from soil testing, rainfall realizations, and farming activities. The work will require the RA to gain some familiarity with Geographical Information Systems software, to learn about the basics of soil tests and their interpretation, and to do extensive Stata programming in order to organize the data, clean the data, analyze the results, and help prepare tables and graphs for papers and presentations.