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The U.S. Government's Global Hunger & Food Security Initiative



Potential for upscaling small scale irrigation (IDSS) – constraints and opportunities

Nicole Lefore

ILSSI Stakeholder Consultation - Ghana, Coconut Grove Hotel Accra - 14th May 2018

Photo: Nana Kofi Acquah





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Innovation Lab for Small Scale Irrigation

- Five Year Project
- Texas A&M University, IWMI, IFPRI, ILRI
- North Carolina A&T State University
- Ethiopia, Ghana, and Tanzania
- Linkages with national universities and government ministries – Sokoine University of Agriculture (SUA)



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Project Components

- Farm family surveys of factors affecting adoption of small-scale irrigation,
- Demand-driven research demonstrations of small-scale irrigation interventions,
- Use of Integrated Decision Support System (APEX, SWAT, FARMSIM) to simulate production, environmental, economic, and nutritional impacts of small-scale irrigation, and
- Capacity building (IDSS training, graduate student support, on-farm farmers training, etc)





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www.feedthefuture.gov



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