

# Sustainable Land and Water Management

2014 - PRESENT

**World Bank**

**Ministry of Environment, Science, Technology and Innovation, Ghana**  
Ghana

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## NATURE BASED SOLUTIONS

forests, rivers & floodplains

The Government of Ghana aims to demonstrate improved sustainable land and water management (SLWM) practices to reduce land degradation and maintain biodiversity in selected microwatersheds and build capacity for upscaling in northern Ghana. The project combines soft and hard investments at the community level with planning activities. It aims to support the sustainable development Initiative for the northern region by: (i) piloting innovative models for grassroots watershed management; and (ii) providing technical tools and capacity for macro-level planning as a basis for eventual scale-up linked to a program of larger-scale flood and watershed management investments. More specifically, the project uses integrated planning and supports community flood and land management at the micro-watershed level, including both management of agricultural land and ecological infrastructure. It also finances national monitoring of SLWM policy and implementation, and an evaluation and strategy for payment for ecosystem services (PES) to support SLWM in northern Ghana. The project will contribute to carbon sequestration and increased resilience of the beneficiary communities to climatic variability.

## LEARN MORE

<http://projects.worldbank.org/P132100?lang=en>

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**INTERVENTION**

Green

**HAZARD**

river flooding  
drought

**SCALE**

Regional

**RISK REDUCTION BENEFITS**

redirection & drainage of flood & storm water, slope stabilization, soil composition maintained, groundwater recharge & water table stabilization

**DONORS**

GEF

**EST. MONETARY COST**

(TODAY'S US\$)

**13.25**

**EST MONETARY BENEFITS**

**Unknown**

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