

Project Summary

Title	Improving Water Management for Irrigated Rice Production in the South-Kivu Province, DR Congo
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Purpose	The overall objective of this project is to increase rice production in the South-Kivu province through better water management and by expanding irrigated rice production to other places.
Project Summary	The project intends to increase rice production by improving water management and expanding irrigated rice production to other places. This project specifically seeks to: identify the potential rice production areas in south-Kivu province, identify best water management options, and determine the drivers of their adoption. The project will be implemented by two MSc. students. The first student will determine the irrigable surface according to the rivers' flows and how appropriate irrigation can be done when there is not enough water. The study will also determine the usable rivers for irrigation and the required improvement of some water quality aspects. It will finally determine the usable river without ecological disasters and appropriate irrigation systems for reducing the ecological impact for critical rivers. The second student will experiment on different water management strategies and determine with the farmers the best strategy to adopt. It will also combine the two studies' results in order to make an expansion map for rice irrigation in the entire South-Kivu province that will be proposed to

	the government. This project will train two students, one in hydrology and the other one in biometrics. At least two (2) papers and one (1) policy brief published.
Country and Specific Location(s)	South Kivu
Participating Institutions	Makerere University College of Agricultural and Environmental; Sciences, Université Catholique de Bukavu
Start Date	September, 2012
End date	August, 2014
Amount of Funding	\$60,000

