

# PARTNERSHIP TO DEVELOP AGROECOLOGY AND EXTENSION PROGRAMS IN SENEGAL

## Purpose

The objective of the project is to implement state-of-the-art agricultural education and extension programs at the University of Gaston Berger (UGB), focused on enhancing sustainable agriculture in the fragile Sahelian agroecosystems of Africa. The project has established Associate and BS degree programs, and updated laboratories. Another main objective is to establish the land grant model at UGB, incorporating extension and research into the traditional teaching role of the university. This project is an innovative way to export the land grant model to Sub-Saharan Africa and to support sustainable agriculture.

## Impact

Thirteen UGB faculty in the new Department of Agricultural Sciences, Aquaculture, and Food Technology are being mentored by CFAES OSU faculty in teaching, research and extension. The first group of 94 associate and BS students have been trained and will graduate in July 2013. Two Ph.D. students are being trained at OSU in agricultural engineering and weed science. The project has implemented a pilot UGB extension program with 144 farmers on newly irrigated land

### OHIO STATE COLLEGES/UNITS INVOLVED

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES  
OFFICE OF INTERNATIONAL PROGRAMS IN AGRICULTURE  
DEPARTMENT OF HORTICULTURE AND CROP SCIENCE  
DEPARTMENT OF FOOD, AGRICULTURE, AND BIOLOGICAL ENGINEERING  
COLLEGE OF PUBLIC HEALTH  
FOOD SCIENCE AND TECHNOLOGY  
DEPARTMENT OF ANIMAL SCIENCES  
AGRICULTURAL AND EXTENSION EDUCATION  
OSU EXTENSION  
COLLEGE OF FOOD, AGRICULTURAL AND ENVIRONMENTAL SCIENCES

### COMMUNITY PARTNERS INVOLVED

THE UNIVERSITY OF GASTON BERGER  
GREEN SENEGAL

### FUNDING

USAID/HED, \$1.6 MILLION

in northern Senegal. Eleven farmers are participating in an on-farm research program. Farmers are requesting that vegetable transplanters, which OSU introduced to Senegal, be imported to Senegal.



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