

Project Progress 2019
University Granma, Bayamo, Cuba
Raúl López, Quirino Arias

Certificate Course (Output 1)

Activities: Contents of the three blocks of the course are in preparation

Block 1: Traditional knowledge – Good showcases (see fact sheet below)

Block 2: Aspects of biodiversity

Biodiversity in fragile ecosystems
Useful microorganisms in agriculture

Block 3: Methodology
no comments

Traditional knowledge is integrated in curricula (Output 2)

The biodiversity of ECM in coastal ecosystem are integrated in Useful microorganisms in agriculture course
The study of 25 bean varieties are integrated in Biodiversity in fragile ecosystems course

Selection and evaluation of bean genotypes in fragile ecosystems in East Cuba in cooperation with local farmers

Research on biodiversity topics linked to study programs and project partners (Output 3)

Biodiversity topics:

- Effect of sugar cane ash in horticultural crops under organoponics conditions
- Effect of sugar cane ash in lettuce and cucumber – Experiment in field conditions
- Diversity of ecto-mycorrhiza in seagrape and salt tolerance in coastal ecosystems in Cuba
- Selection and evaluation of bean genotypes in fragile ecosystems in east region of Cuba

Student training:

Biodiversity of mycorrhiza fungi related to seagrape in coastal ecosystems in Cuba (including young scientists from the Agricultural Faculty of Granma University and the Agricultural Research Institute “Jorge Dimitrov” as well as students of Forestry Engineering from the Agricultural Faculty of Granma University

Joint research theme with University of Rostock on Management of coastal ecosystems

Network DiveCropS, knowledge transfer and information (Output 4)

Responsible for the workshop/excursion 2022 in Cuba

50 local farmers received training in February 2019 on bean production and genotypes selection. This training is expected to be held every year.

VII Cuban Congress of Local Development (March 2019)

II Convención Internacional y Expoferia Las Tunas 2019 (May 2019)

Academic exchange:

Dong Gill Kim (Wondo Genet) - farm visits

Elio Macias (Uni Granma): 14 day at UNA (Germplasm bank)

Raúl López and Quirino Arias participated at the workshop in Ecuador

Miscellaneous

no information