CHED - PHERNET PROGRAM

Program Title: Enhancing Farm Productivity and Environmental Quality in Climate Change Vulnerable Marginal Uplands of Eastern Visayas (2013-15)

Program Director: Othello B. Capuno

Program Components

Project 1: Soil and environmental quality enhancement in climate change-vulnerable marginal uplands (SEQEMU Project)
Project Leader - Dr. Victor B. Asio

1. Characterization of soil and environmental quality in marginal uplands of Eastern Visayas / Dr. Victor B. Asio

2. Soil erosion under various agricultural land uses in marginal uplands/ Dr. Faustino P. Villamayor and Dr. Victor B. Asio

3. Integrated nutrient management to enhance soil and environmental quality in marginal uplands/ Dr. Suzette B. Lina and Ms. Deejay S. Maranguit

4. Indigenous knowledge on natural resource management of people living in the marginal uplands of Eastern Visayas/ Dr. Anabelle B. Tulin and Ms. Jedess Milade Nuñez-Salomon

5. Carbon stocks, carbon sequestration potential and biodiversity of marginal uplands of Eastern Visayas/ Dr. Renezita S. Come and Dr. Marlito M. Bande

6. Agricultural and natural plant diversity evaluation of the marginal uplands of Eastern Visayas/ Dr. Beatriz S. Belonias

Project 2: Evaluation of improved and sustainable crop management for marginal uplands
Project Leader - Dr. Othello B. Capuno

1. Evaluation of various biofertilizers on corn/sweet potato and eggplant in climate change vulnerable marginal uplands of Eastern Visayas/ Dr. Berta C.Ratilla

2. Evaluation of different cropping systems for marginal uplands in Eastern Visayas/ Prof. Ed Allan L. Alcober

3. Enhancing utilization and conservation of indigenous vegetables in marginal upland areas of Eastern Visayas / Dr. Zenaida C. Gonzaga

4. Identification, assessment and evaluation of sustainable management practices of pests and diseases for marginal uplands/ Dr. Maria Juliet C. Ceniza

Project 3: Development of appropriate production and post harvest technologies for marginal uplands
Project Leader - Dr. Daniel Leslie S. Tan

1. Development of appropriate production mechanization implements and on-farm production system of organic fertilizer for the uplands / Dr. Feliciano G. Sinon and Prof. Alan B. Loreto

2. Development of Appropriate Drying Facilities for Marginal Uplands/ Dr. Daniel Leslie S. Tan and Dr. Feliciano G. Sinon

3. Development of Appropriate Storage and Shelf-life Technologies for Marginal Uplands/ Dr. Marcelo A. Quevedo and Prof. Arsenio Ramos

4. Adoption and Development of Appropriate Processing Technologies Utilizing Some Selected Banner Crops of the Region/ Dr. Julie D. Tan

Project 4: Improving livestock production system in marginal uplands
Project Leader - Dr. Lolito C. Bestil

1. Benchmarking livestock management practices and processes, productivity, and fee resources in the marginal uplands of Eastern Visayas/ Prof. Warren B. Come

2a. Feeds and feeding strategies for village chicken under improved breeding system in marginal uplands/ Dr. Dinah M. Espina

2b. Reducing attrition in smallholder scavenging chicken systems by Newcastle disease vaccination and improved nutrition in rearing chicks: a randomized field trial/Dr. Eugene Lañada

3. Strategic supplementation to improve utilization of feed resources and goat performance in climate change vulnerable marginal uplands/ Dr. Lolito C. Bestil and Mr. Angelo Francis F. Atole

4. Enhancing productivity of sows and growing-finishing pigs in marginal uplands with home-made probiotic (HMP) and *Tricanthera gigantean* forage (TGF) supplementation/ Dr. Julius V. Abela and Dr. Alberto A. Taveros

Project 5: Assessment of socio-economic factors affecting food production in marginal uplands
Project Leader - Dr. Rotacio S. Gravoso

1. Factors contributing success and failure of food production and environmental quality initiatives in marginal uplands / Dr. Rotacio S. Gravoso

2. Baseline assessment of the socio-economic and bio-physical conditions of pilot communities / Dr. Ernesto F. Bulayog

3. Design and pilot implementation of initiatives for marginal uplands in Eastern Visayas / Dr. Rotacio S. Gravoso , Dr. Editha G. Cagasan, Dr. Ernesto F. Bulayog, Prof. Ma. Aurora Teresita W. Tabada and Dr. Milagros C. Bales

4. Impact monitoring and evaluation and process documentation research / Dr. Editha G. Cagasan and Prof. Ma. Aurora Teresita W. Tabada