SANREM-CRSP
Project Activities in the Philippines

Victor B. Ella
Philippine Host Country Coordinator
and
Professor, UPLB

IPM CRSP Annual Meeting
Splash Mountain, Los Baños, Laguna
August 2, 2011
SANREM Project Title

“Conservation Agriculture for Food Security in Cambodia and the Philippines”
Project Implementation Period

January 1, 2010 to September 30, 2014
Partnership

North Carolina Agricultural and Technical State University

World Agroforestry Centre
TRANSFORMING LIVES AND LANDSCAPES

USAID
FROM THE AMERICAN PEOPLE
SANREM RESEARCH TEAM

USA:

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Principal Investigator, Biophysical Scientist and Professor
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SANREM RESEARCH TEAM

Philippines:

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Host Country Coordinator, Biophysical Scientist and Professor, UPLB

Dr. Maria Helen Dayo
Gender and Socio-Economics Specialist and Professor, UPLB
SANREM RESEARCH TEAM

Philippines:

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SANREM RESEARCH TEAM
CONSERVATION AGRICULTURE (CA)
CA Philosophy

Principles of Conservation Agriculture

- Minimum soil disturbance
- Continuous mulch cover
- Diverse species rotations
Degraded Landscapes w/o CA
Project Goal

To promote CONSERVATION AGRICULTURE as a technologically-feasible, economically-viable, environmentally-sustainable and gender-responsive production system that will contribute to food security of small farm communities in the Philippines.
1. **G**-Gender: Identify gendered limitations and advantages that can promote adoption of CAPS and determine if CAPS will increase labor burden on women

2. **E**-Economics: Identify field-and-farm-level CAPS that will minimize smallholder costs and risks while maximizing benefits and adoption
3. **T**-Technology network: Quantify the effectiveness of SANREM-supported farmer groups in training knowledge leaders, in being knowledge transmission points, and in facilitating network connections leading to widespread adoption of CAPS; and
Project Objectives (GETS)

4. S-Soil: Assess soil quality and measure crop yield and biomass from CAPS, and compare them with soil quality and crop yield and biomass from conventional plow-based systems.
Project Site

Claveria, Misamis Oriental
(Researcher-managed and Farmer-managed sites)
Project Activities

- Crop yield and biomass monitoring
- Soil quality monitoring
- Socio-economic analysis
- Gender sensitivity analysis
- Establishment of technology network
- Other activities (crop modeling, water balance studies, soil carbon dynamics, solute transport analysis, etc.)
Project Activities

Baseline survey (biophysical & socio-economic)
Project Activities

SANREM Kick-off Meeting
Claveria, April 2010
Establishment of CAPS treatments

Project Activities
Project Activities

Soil quality monitoring
Project Activities

Crop yield & biomass monitoring
Project Activities

Water balance studies
Project Activities

Gender & socio-economic monitoring
Project Activities

Farmers’ field day
Claveria, January 2011
Project Activities

Soil quality training and workshop
Claveria, June 2011
Project Activities

Annual SANREM-CRSP Meeting
Virginia Tech, May 2011
Project Activities

International Conference on Conservation Agriculture
Phnom Penh, Cambodia, July 2011
Opportunities for Collaboration with IPM-CRSP

- Pest management under CAPS
- Weed control under CAPS
- Rodent control under CAPS
- Herbicide use issues
- Others ????
Thanks!!!

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