

**ON-GOING RESEARCH and DEVELOPMENT (As of January 2018)**

Program/Project/Study Title	Proponents	Status	Beneficiaries
<b>Animal Health and Nutrition</b>			
Survey on the Prevalence of Selected Animal-borne Zoonotic Bacterial, Fungal and Parasitic Agents and Associate Risk Factors (with 8 Studies)	Lanada EB, Taveros AM, Lumain JPLM, Comranes JMY, Dautil JP, Bagot MA, Amoto MG, Peña ST Jr., Quilicot AMM, Pradera CLM	Ongoing	Students, Faculty, Researchers, LGU
Scoping Study on Zoonoses in Eastern Visayas	Lañada EB, Balala LM	Ongoing	Academe (Faculty and student), Researchers, LGU
Evaluating Vaccination Strategies in Controlling Newcastle Disease (ND) in Smallholder Semi-Scavenging Chicken System: A Randomized Field Trial	Lañada EB, Espejo MCC, Balaso IMC	Ongoing	Chicken growers, Academe (Faculty and Students), Researchers, Poultry Industry, Partner Agency
Improving On-farm Feed Quality and Goat Performance in the Marginal Uplands of Villaba, Leyte	MD Veloso, Romero GE, Besili LC, Gacutan MD, Libre MJP, Gervacio NP, Rojas AG, Libre MJP, Capon DS, Rojas MN, Duallo J, Mapait D, Montilla NA, Bustamante RR	Ongoing	Villaba Livestock (Goat) farmers, Academe (Faculty and Students), Researchers, Livestock Industry
<b>Climate Change</b>			

Program/Project/Study Title	Proponents	Status	Beneficiaries
Assessing the Impact of Super Typhoon Yolanda (Haiyan) On the Livelihood of Coconut Dependent Farmers In Selected Areas in Leyte	Seriño, MNV Ceniza, MJC Bellezas, MHI Ramoneda, BM	Ongoing	Coconut Farmers, Academe (Faculty and Students), Researchers, LGU
Rehabilitation of degraded upland using IMOG and Vermicast	Garcia PP	Ongoing	Farmers, Academe (Faculty and Students), Researchers
Climate Risk Management Strategies by farmers and fishermen in vulnerable communities in Eastern Visayas	Gravos RS	Ongoing	Farmers & Fisheroles, Academe (Faculty and Students), Researchers, LGU
Impact of Typhoon Yolanda on Soil Resources of Affected Areas in Leyte and Samar (with 2 Studies)	Asio VB, Armezin RB, Lina SB, Asio LG	Ongoing	Academe (Faculty and Students), Researchers, LGU
Reporting of Natural Disaster Risks by Philippine Media and Coping Strategies by Disaster-prone Communities (with 4 Studies)	Gravoso RS, Cagasan EG, Gravoso AP, Salomon JMN	Ongoing	Academe (Faculty and Students), Researchers
Conservation of Coconut Genetic Resources from Typhoon-damaged Areas in Eastern Visayas for the Development of a Typhoon-Tolerant Coconut Variety	Nuñez TC	Ongoing	Academe (Faculty and Students), Breeders, Researchers
Vulnerability Assessment in Coastal Communities of Tanauan and Palo, Leyte	Montes HR Jr.	Ongoing	Academe (Faculty and Students), Researchers, LGU (Tanauan and Palo, Leyte)



Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Computerization of Long-Term Records and Climate Change Analysis of PAGASA-VSU Selected Climatological Data – Phase 1 (with 3 Studies)	Tambong Alt, De Padua EP, Casangcapan ME, Layan JJD, Soroño TF	Ongoing	Academe (Faculty and Students), Researchers
Knowledge and Capacity-Building on Mushroom Production for Food Security in Climate-prone Local Communities in Eastern Visayas	Mangaoang YD, Salamat EE	Ongoing	Academe (Faculty and Students), LGU
Bioenergy Generation from Agricultural Wastes, Seaweeds, Algae, Cellulosic Materials, and Plant Oils for Climate Change Mitigation and Food Security	Guarte RC, Albarico GS, Labisores RB, Lor DC	Ongoing	Stakeholders, Academe (Faculty and Students), Researchers, LGU
Assessment of Climate Smart Farming Schemes in Hilly Upland Areas	Armezin RB	Ongoing	Upland Farmers, Academe (Faculty and Students), Researchers, LGU
Climate-Resilient Agri-Fisheries (CRA) Assessment, Targeting and Prioritization for the Adaptation and Mitigation (AMIA) in Leyte Province for Adaptation and Mitigation Initiative (AMIA)	Loreto AB, Garcia PP	Ongoing	Academe (Faculty and Students), Researchers, LGU (Leyte)

Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Climate-Resilient Agri-Fisheries Assessment (CRA), Targeting and Prioritization for the Adaptation and Mitigation Initiative in Agriculture (AMIA) in Cebu Province Reion VIII/ Regional Climate-Resilient Agri-Fisheries (CRA) Assessment, Targeting and Prioritization for the Adaptation and Mitigation (AMIA) Phase 2 : Cebu Province (Central Visayas Region)	Loreto AB, Serifo MNV, Bañoc DM	Ongoing	Stakeholders, Academe (Faculty and Students), Researchers, LGU (Central Visayas), Partner Agency (DA-BAR)
Tree Nursery Management, Bambusetum (Plantation) Establishment and Agro-Forestry Systems Capacity Building Program for NGP Stakeholders	Pasa AE, Patindol TA, Polinar AN	Ongoing	NGP Stakeholders, Academe (Faculty and Students), Researchers, LGU, Partner Agency (DENR)
Coffee Table Book Project for 3 protected areas in Leyte: Lake Danao National Park, Mahagnao Volcano Natural Park and Cuatro Islas Protected Landscape and Seascape	Peque DP, Montes HR Jr., Patindol TA, Bulayog MSB, Centino ZMH, Preciados LS	Ongoing	Stakeholders, Academe (Faculty and Students), Researchers, LGU (Lake Danao, Mahagnao and Cuatro Islas), Partner Agency (DENR)
Regional Climate-Resilient Agri-fisheries (CRA) Assessment, Targeting & Prioritization in Leyte Province for Adaptation and Mitigation Initiative (AMIA) Phase 2	Loreto AB, Gabunada FM, Serifo MNV, Bañoc DM	Ongoing	Academe (Faculty and Students), Researchers, LGU, Community
Scoping Assessment of LGUs' Climate Change Adaptive Capacity in Typhoon Yolanda Affected Areas in Eastern Visayas	Mangaoang EO	Ongoing	Academe (Faculty and Students), Researchers, LGU, Community



Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Establishment & Maintenance of On-Campus Climate-Smart Upland Agroforestry Farming System	Mangaorang EO, Peque DP, Pasa AE	Ongoing	Academe (Faculty and Students), VSU Management, Researchers
Development, Evaluation and Technology Dissemination of Efficient Bamboo-based Emergency Shelter	Cortes APD	Ongoing	Academe (Faculty and Students), Researchers
Towards Enhanced Land Use and Local Climate Change Action Plan Using Drone-based Mapping and GIS Map Server-based Services: Phase 1	Garcia PP	Ongoing	Academe (Faculty and Students), Researchers, LGU, Community
Climate-Resilient Agri-Fisheries (CRA) Assessment, Targeting and Prioritization for the Adaptation and Mitigation (AMIA) in Samar Province Region VIII	Garcia PP (Proj. Leader), Gabunada FM (Socioeconomist); Loreto AB (GIS specialist)	Ongoing	Academe (Faculty and Students), Researchers, LGU (Leyte)
Assessment and Monitoring of Soil Fertility of the DSS Experiment Station in a Changing Climate	Jadina BC	Ongoing	Farmers, Academe (Faculty and Students), Researchers
Use of Seasonal Climate Forecast Innovation to Manage Risks of Vector-borne diseases	Gravoso RS, Cortes JAD	Ongoing	Academe (Faculty and Students), Researchers
Scooping Assessment of LGUs' Climate Change Adaptive Capacity in Typhoon Yolanda Affected Areas in Eastern Visayas	Mangaorang EO, Dela Cruz LA	Ongoing	Academe (Faculty and Students), Researchers, LGU

Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Accuracy Assessment of Various Non-Linear Support Vector Machines (SVM) Kernels in Forecasting the Monthly Rainfall	Regis MAB	Ongoing	Farmers, Academe (Faculty and Students), Researchers, LGU
Hydrologic and Geomorphological Analysis for Flood Hazard Risk Assessment	Milioza DCG, Sobrio GL	Ongoing	Academe (Faculty and Students), Researchers, LGU
3D Visualization and Analysis of High Resolution Flood Maps at Different Climate Change Scenarios in Major River Basins in Eastern Visayas	Morales, FF Jr., Castañares AAJ, Mercurio MJE	Ongoing	Academe (Faculty and Students), Researchers, LGU
Sustainable Economic Growth for the Women and Men Affected by Typhoon Haiyan in Leyte and Samar in the Philippines or TUKOD	Armezin RB, Garcia PP	Ongoing	Academe (Faculty and Students), Researchers, Community, LGU
<b>Cultural Management/ Practices</b>			
Micronutrient Studies for Rootcrops (with 2 Studies)	Tulin AB	Ongoing	Academe (Faculty and Students), Researchers, Rootcrop Industry
Development of Sustainable Management Strategies for the Control of Major Pests and Diseases of Coconut in Eastern Visayas	Ceniza MJC	Ongoing	Coconut Farmers, Academe (Faculty and Students), Researchers, LGU, Coconut Industry
Biohardening with Plant Growth Promoting Microorganisms (PGPM) as Biofertilizer for Abaca (Phase II)	Armezin RB	Ongoing	Abaca Farmers, Academe (Faculty and Students), Researchers, Abaca Industry



Program/Project/Study Title	Proponents	Status	Beneficiaries
Biological Control of the Corn Weevil with Entomopathogenic Nematodes (EPN) (Phase II) with Studies	Gapasin RM (PL), Ceniza MJC	Ongoing	Abaca Farmers, Academe (Faculty and Students), Researchers, Abaca Industry
Enhancing Coconut Productivity Through Improved Strategies In Cultural and Production Management (with 3 Studies)	Dingal AG	Ongoing	Coconut Farmers, Academe (Faculty and Students), Researchers, Coconut Industry
Development and Evaluation of Functional Productivity of Edible Landscape (with 5 Components)	Salas RA, Gonzaga ZC, Lina DP, Benitez MM, Ramos AD, Villocino SB, Jr./Troyo RD	Ongoing	Vegetable Farmers, Academe (Faculty and Students), Researchers, Vegetable Industry
Integrated Nutrient Management for Horticultural Crops (Vegetables, Fruits and Herbs)	Armezin RB	Ongoing	Vegetable Farmers, Academe (Faculty and Students), Researchers, Vegetable Industry
Effects of Minimum Tillage, Zero Pesticide and the Use of Natural Pesticide in Irrigated Lowland Rice Production	Alcober EA, Escasinas RO, Tomada RY	Ongoing	Rice Farmers, Academe (Faculty and Students), Researchers, Rice Industry
Ratooning Technology Management in Rice During the Dry and Wet Season in Eastern Visayas	Bañoc DM, Asio VB, Seviliano RB	Ongoing	Rice Farmers, Academe (Faculty and Students), Researchers
Hydraulic Ram Pump Development and Automation for Small Irrigation System in Upland Barangays	Guarte RC, Casangcapan ME	Ongoing	Upland Barangay Farmers, Academe (Faculty and Students), Researchers
Liquid Nutrient formulations for high value vegetable production (Phase II)	Salas RA, Salas FM	Ongoing	Vegetable Farmers, Academe (Faculty and Students), Researchers, Vegetable Industry

Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Reinvigorating the coconut industry through <i>in vitro</i> culture (somatic embryogenesis) and strengthening agricultural biotechnology laboratories using advanced and cost-cutting methods and products (Phase I)	Ceniza MJ, Nuñez TC, Ocoy ET	Ongoing	Coconut Farmers/ Growers, Academe (Faculty and Students), Researchers, Coconut Industry, Partner Agency (PCAARRD)
Accelerated Jackfruit Industry Development in Eastern Visayas Through Improved On-Season and Off-Season Fruit Production (with 3 components)	Lina DP, Valida AD, Palma JJ, Galvez LA, Molato AP	Ongoing	Jackfruit Farmers, Academe (Faculty and Students), Researchers, Jackfruit Industry, Partner Agency (DA-BAR)
Revitalizing the Abaca Industry Through S&T Intervention for Higher Crop Productivity Using High-Yielding and Bunchy Top Resistant Abaca Hybrids	Gapasin RM, Mati-om JA, Lalusin AG, Dizon TO, Abustan MA, Lee RG, Roca H, Estrela MN, Santos N, Cabillo C, Salang ED, Fernandez AM, Punsalan MRO	Ongoing	Abaca Farmers, Academe (Faculty and Students), Researchers, Abaca Industry, Partner Agency (UPLB, PCAARRD)
Enhancing Productivity and Marketability of Queen Pineapple (Program) with 6 Projects	Ceniza MJ, Nuñez TC, Moreno LO, Bailad ME, Zaballa MC (CNSC), Leorma MA, Sabroso G (CNSC), Garrido RM, Dingal AG, Millado JBH, Alegre A (CNSC), Oclarit EL, Carbonell MS (CNSC), Azuelo MCC (CNSC)	Ongoing	Pineapple Farmers, Academe (Faculty and Students), Researchers, Pineapple Industry, Partner Agency (Camamines Norte State College, PCAARRD)



Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Development of Lateral Flow Immunosorbent Assay (LFIA) Detection Kit for <i>Phytoplasma</i> in Cassava (with 2 studies)	Vasquez EA, Palermo LFG	Ongoing	Cassava Farmers, Academe (Faculty and Students), Researchers, Rootcrop Industry, Partner Agency (DA-BAR)
Field Assessment of Actinomycete Inoculant for Enhancing the Growth and Yield of Rainfed Lowland and Upland Rice in the Philippines	Ratilla BC	Ongoing	Rice Farmers, Academe (Faculty and Students), Researchers, Rice Industry, Partner Agency (PhilRice)
Field Evaluation of Microbial Inoculant for Micronutrient Mobilization on the Growth, Yield and Nutritional Quality of Sweetpotato and Purple Yam	Tulin EE, Tulin AB, Loreto MTP, Tulin EACB, Custodio IDB	Ongoing	Rootcrop Farmers, Academe (Faculty and Students), Researchers, Rootcrop Industry, Partner Agency (DA)
Integrated Crop Management (ICM) to Enhance Vegetable Profitability and Food Security in the Southern Philippines and Australia	Capuno OB, Borines LM, Gonzaga ZC, Gerona RG, Armenta PT	Ongoing	Rootcrop Farmers, Academe (Faculty and Students), Researchers, Rootcrop Industry, Partner Agency (DA)
Soil and Nutrient Management Strategies for Improving Tropical Vegetable Production in Southern Philippines and Australia/Advancing Strategies for Sustainable Soil and Nutrient Management in Southern Philippines and Tropical Australian Vegetable Production	Asio VB	Ongoing	Vegetable Farmers, Academe (Faculty and Students), Researchers, Vegetable Industry, LGU, Partner Agency (ACIAR)
Tropical Fruit Research and Development in the Philippines and Northern Australia to Increase Productivity, Resilience and Profitability	Borines LM, Lauzon RD, dela Cruz C, Loquias V	Ongoing	Jackfruit Farmers, Academe (Faculty and Students), Researchers, Jackfruit Industry, LGU, Partner Agency (ACIAR)

Program/Project/Study Title	Proponents	Status	Beneficiaries
Improved Postharvest Management of Fruit and Vegetables in the Southern Philippines and Australia	Acedo AL Jr., MABenitez, EE Sudaria, Salabao AA, Valida AD	Ongoing	Jackfruit Farmers, Academe (Faculty and Students), Researchers, Jackfruit Industry, LGU, Partner Agency (ACIAR)
Assessment, Monitoring and Identification of Major Coconut Pest in Region 8 for Early Detection, Surveillance and Prevention of Pest Outbreak	Ceniza MJC	Ongoing	Coconut Farmers, Academe (Faculty and Students), Researchers, LGU, Coconut Industry
Establishment of Micropropagation System for Disease Free Planting Materials of Rootcrops (with 3 Studies)	Acedo VZ	Ongoing	Rootcrop Farmers, Academe (Faculty and Students), Researchers, Rootcrop Industry
Improvement of Tissue Culture Propagation Technique for Yacon ( [ <i>Smallanthus sonchifolius</i> (Poepp. And end ) H. Robinson])	Acedo VZ	Ongoing	Rootcrop Farmers, Academe (Faculty and Students), Researchers, Rootcrop Industry
Cost effective IPM in the Production of Quality Rootcrop Materials	Vasquez EA	Ongoing	Rootcrop Farmers, Academe (Faculty and Students), Researchers, Rootcrop Industry
National Cooperative Testing Program for Legumes	Cagasan UA	Ongoing	Academe (Faculty and Students), Researchers, Legume Industry
Plantation Management for Natural and Newly Established Stands of Sago Palm ( <i>Metroxylon sagu</i> Rottb.) in Visayas and Mindanao (with 2 studies)	Quevedo MA	Ongoing	Academe (Faculty and Students), Researchers, Sago Industry



Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Development of Tissue Culture Technique(s) for Mass Production of Selected Bamboo Species	Arradaza CC	Ongoing	Academe (Faculty and Students), Researchers, Bamboo idustry
Multilocation Trial of Ten (10) Promising Varieties of Cacao in Different Agro-Climatic Zones in the Philippines	Ramos AD	Ongoing	Academe (Faculty and Students), Researchers
Enhanced Cassava Production through Distribution of Quality Planting Materials	Vasquez EA	Ongoing	Academe (Faculty and Students), Researchers, Rootcrop industry
Effects of Zn, Fe, Cu, and B Biofortification on the Yield, Crop Quality and Anthocyanin Contents of Purple Sweet Potato	Tulin AB	Ongoing	Academe (Faculty and Students), Researchers, Rootcrop industry
Performance of Pineapple, Blackpepper, Banana and Lanzones Under Coconut Using Organic and Inorganic Fertilizer	Baliad ME	Ongoing	Coconut Farmers, Academe (Faculty and Students), Researchers
Evaluation of Rice-Duck Cropping System under SRI	Gabunada FG	Ongoing	Rice Farmers, Academe (Faculty and Students), Researchers, Rice and Livestock Industry
Adoption of Bhoochetana Principles and Approach in Boosting Agricultural Productivity in the Rainfed Areas of Region 8 (with 4 components), Yamang Lupa Program	Capuno OB, Lina SB	Ongoing	Farmers, Academe (Faculty and Students), Researchers, Partner Agency (DA-RFU 8)

Program/Project/Study Title	Proponents	Status	Beneficiaries
Piloting Models of ISARD: Strengthening Linkages among Farmers, Government and Industry Sectors for Inclusive and Sustainable Rural Development in Inopacan, Leyte	Bacusmo JL (On-site Project Coordinator)	Ongoing	Stakeholders, Academe (Faculty and Students), Researchers, LGU (Inopacan), Partner Agencies (SEARCA)
<b>Farming Systems</b>			
Appropriate Technologies for Development of Ecological Farming Inputs and Outputs (with 2 Studies)	Armejin RB, Garcia PP	Ongoing	Farmers, Academe (Faculty and Students), Researchers
Field Maintenance, Characterization, Evaluation of Cassava Germplasm Collection (with 2 Studies)	Armejin, RB	Ongoing	Academe (Faculty and Students), Researchers, Breeders, Rootcrop industry
<b>Gender and Development</b>			
Gender and Development Studies in Support to VSU's Research and Extension Program	Tabada MATW	Ongoing	Academe (Faculty and Students), VSU Administrative staff, GAD focal persons,
Gender in the Micro-setting: Gender Issues Among Students of the Visayas State University	Meliton, Jessamyn Jade	Ongoing	Academe (Faculty and Students), Researchers, GAD focal persons, Community
Needs Assessment and Livelihood Assistance to Women farmers in Ormoc-Kananga Mountain Ranges	Bellezas MH/ Centino ZM, Capuno RF	Ongoing	Women Farmers, Academe (Faculty and Students), Researchers, LGU
<b>GIS</b>			
Identifying suitable sites for small scale irrigation projects in Eastern Visayas (region 8) through GIS-based water resources assessment	Garcia PP (PL)	Ongoing	Academe (Faculty and Students), Researchers, LGU



Program/Project/Study Title	Proponent/s	Status	Beneficiaries
<b>Health Research</b>			
Knowledge , Attitude, and Practices in Schistosomiasis Endemic Communities in Leyte in Relation to Drug Mass Administration	Almanzor JA, Vivo JD, Ladiao FRM, Perez ASB	Ongoing	Community, Academe (Faculty and Students), Researchers, LGU Partner Agency (EVHRDC, DOST RO 8)
<i>In vitro</i> Toxicity Testing of Plant Extracts with Bioactivity Against <i>Diabetes mellitus</i>	Tulin EE	Ongoing	Academe (Faculty and Students), Researchers, Community, Diabetic patients
<b>Higher Education</b>			
Tracing Science and Mathematical Education Graduates of VSU from 2011-2015	Bellen JA, Abela RP, Lavega ML, Truya RD, Cuadra LJ	Ongoing	Academe (Faculty and Students)
Perceptions of Students' Transition Experience in the Seventh and Eleventh Grades	Bellen JA, Abela RP, Lavega ML, Truya RD	Ongoing	Academe (Faculty and Students), Researchers
VSU Performance in NLE: Basis for Strengthening the College of Nursing Retention Policy	Acob JRU, Magno JM, Ceniza MNC	Ongoing	Academe (Faculty and Students), Researchers
<b>Natural Resource Management</b>			
Assessment and Monitoring of the Biological, Physico-chemical Characteristics and Utilization of VSU water Resources (with 10 Studies)	Belonias BS, Galinato MI, Batistel CC, Bitacura JG, Evangelio JC, Flandez ARR, Mazo AM, Oracion M, Modina RM	Ongoing	Farmers, Academe (Faculty and Students), Researchers, LGU

Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Biological and Socio-ecological Characterization of Major River Systems in Leyte (with 7 Studies)	Belonias BS, Serioño EKL/ Galinato MI, Batisiel CC, Bitacura JG, Serioño EKL/ Evangeliño JC, Flandez ARR, Mazo AM	Ongoing	Academe (Faculty and Students), Researchers, Community
Physico-chemical Characteristics of Major River Systems in Leyte (with 5 Components)	Jansalin JGF, Albarico GC, Quevedo ES, Bandibas N, Albarico GC/ Poliquit BZ, Salas FM	Ongoing	Farmers, Academe (Faculty and Students), Researchers, LGU, Environment and Natural Resources Industry
Development of a Reforestation Research and Training Site to Scale-up Forest Restoration Initiatives in Climate Change Vulnerable Marginal Uplands in Inopacan, Leyte (with 3 Studies)	Bande MJM, Pogosa JO, Orias A, GC Fernandez, Quiñones KJ	Ongoing	Farmers, Academe (Faculty and Students), Researchers, LGU
Biodiversity of Marine Flora and Fauna in Artificial Reefs of Baybay City and Selected Municipalities of the 5th District of Leyte (with 6 studies)	Montes HR Jr., Cesar SA, Espinosa ED, Evangeliño JC, Flandez ARR	Ongoing	Academe (Faculty and Students), Researchers, LGU (5th District of Leyte: Baybay City, Inopacan, Hindang, Hilongos, Bato and Matalom), Environment and Natural Resources Industry
Responses of Ecosystem Functionson Carbon Sequestration and Nitrogen Cycling To Mono-culture and Mixed-Species Reforestation Strategies (ECOREFO)	Baldos AP	Ongoing	Academe (Faculty and Students), Researchers, Environment and Natural Resources Industry



Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Characteristics and Management of Limestone Soils in Leyte and Samar	Asio VB	Ongoing	Academe (Faculty and Students), Researchers, LGU, Environment and Natural Resources Industry
Survey and Chemical Characterization of Cinnamomum Species in Leyte	Jansalin JGF, Acabal AM, Bande MJM	Ongoing	Academe (Faculty and Students), Researchers
Long Term Ecological Research Studies in Silago Biodiversity Research Station, Silago, So. Leyte	Come RS	Ongoing	Stakeholders, Academe (Faculty and Students), Researchers, LGU (Silago), Partner Agency (UP)
Rehabilitation Strategies for Critical Mangroves and Coastal Forests in the Coastal Communities of Western and Northwestern Leyte	Mangaoang EO (PL), Peque DP (Proj. Staff)	Ongoing	Stakeholders, Academe (Faculty and Students), Researchers, LGU, Partner Agency (PCAARRD)
Culture and Phenology of the Brown Seaweed Sargassum (Phaeophyceae, Ochrophyta) in Southern Philippines	Montes HR Jr. (SL), Evangelio JC (Co-SL), Bitacura JG (Co-SL)	Ongoing	Stakeholders, Academe (Faculty and Students), Researchers, LGU, Partner Agency (CHED, USC)
Marine Biodiversity Conservation in Camotes and Cuatro Islas - Camotes Sea Central Philippines for Sustainable Marine Economy (Program)	Montes HR Jr. (Program Leader), Mazo AM, Cesar SA, Modina RMR, Evangelio JC, Flandez ARR, Bitacura JG, <del>Palma MA</del>	Ongoing	Stakeholders, Academe (Faculty and Students), Researchers, LGU, Partner Agency (CHED)
Landscape Forestry in the Tropics (LaForeT)	Come RS, Baldos AP, Peque DP	Ongoing	Stakeholders, Academe (Faculty and Students), Researchers, LGU, Partner Agency (Thünen-Institute of International Forestry)

Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Biological and Socio-ecological Characterization of Major Rivers Systems in Leyte (with 7 Studies)	Belonias BS, Gallinato MI, Batistel CC, Poliquit RD, Bitacura JG, Evangelio JC, Flandez ARR, Mazo AM, Villaroja AF, Flandez DRR	Ongoing	Academe (Faculty and Students), VSU Management, Researchers, LGU, Community
Scoping Study on Non-metallic Aggregates (Sand & Gravel) Quarrying in Leyte Islands	Tabada MATW	Ongoing	Academe (Faculty and Students), Researchers, LGU
<b>Postharvest and Processing, Product Development and Utilization</b>			
Development of Portable Abaca Decorticating Machine (Phase II)	Simon FG	Ongoing	Abaca Farmers, Academe (Faculty and Students), Researchers, Abaca Industry, LGU
Process Product Development and Commercialization of Coconut Food Products (with 3 Components)	Leonna MA	Ongoing	Coconut farmers, Academe (Faculty and Students), Researchers, Coconut Industry
Processing and Utilization of Coconut Products for Non-Food & By-Products (with 3 Components)	Sudaria EE	Ongoing	Coconut Farmers, Academe (Faculty and Students), Researchers, LGU, Coconut Industry
Development and Improvement of process for the production of fermented rootcrop-based food and non-food products	Tan JD	Ongoing	Academe (Faculty and Students), Researchers, Rootcrop Industry
Screening of Rootcrop varieties for Flour and Grates Processing and Utilization : <i>Component 2- Sweet Potato Varieties</i>	Ortas RR	Ongoing	Academe (Faculty and Students), Researchers, Rootcrop Industry



Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Development of Ready to Eat High Energy Bars from Rootcrops	Palermo LAP	Ongoing	Academe (Faculty and Students), Researchers, Rootcrop Industry
Development of a Solar-Based Evaporative Cooling System for Intermediate Field Storage of Fruits and Vegetables	Guarte RC, Labisores R, Andan C	Ongoing	Fruit & Vegetable Farmers, Academe (Faculty and Students), Researchers, Fruit and Vegetable Industry
Physico-chemical Characterization of Various Root Crop Tubers for Increased Utilization and Product Development Options	Tulin EE	Ongoing	Rootcrop Farmers, Academe (Faculty and Students), Researchers, Rootcrop Industry, Partner Agency (DA-BAR)
Mechanized Zero Waste Processing Systems (Component 2). Support Systems for Sweetpotato Value Chain Development and Establish SP Value Chains in Leyte and Samar (Project 1)	Tan DLS, Tan JD	Ongoing	Academe (Faculty and Students), Researchers, Rootcrop Industry, LGU
Technology Utilization and Promotion of Selected Newly Developed Food Products from Cassava and Other Rootcrops	Roa JR	Ongoing	Academe (Faculty and Students), Researchers, Rootcrop Industry
Enhancing Food Sufficiency through Value Adding on Mushroom Product	Galvez LA, Mesias IC	Ongoing	Stakeholders, Academe (Faculty and Students), Researchers
<b>Research Programs Management</b>			
Tracking Down the Flow and Adoption of VSU-Generated Technology/ Technology Mapping	Gravoso RS, Cagasan EG, Alviola UB, Reoma RML	Ongoing	Academe (Faculty and Students), Researchers

Program/Project/Study Title	Proponent/s	Status	Beneficiaries
<b>RMIS</b>			
Development and Evaluation of a Web-based R & DE Information Management System	Tabada WM	Ongoing	Academe (VSU Faculty and Students), VSU Management
<b>Rural Sociology</b>			
Design and Evaluation of a Media Literacy Intervention for Children	Gravoso RS	Ongoing	Community, LGU
Design and production of research-based knowledge products	Gravoso RS, Cagasan EG, Alvola UB	Ongoing	Academe (Faculty and Students), Researchers
Famer Satisfaction Survey	Gravoso RS, Cagasan EG, Ongy EE, Alvola UB, Gahoy IKP	Ongoing	Academe (Faculty and Students), Researchers, NIA
<b>Socioeconomics</b>			
Pilot testing and assessment of inclusive and sustainable value chain development strategies for climate change resilient communities and livelihood options for Karlang ( <i>Xanthosoma sagittifolium</i> L. Schott) in Sogod Bay, Southern Leyte, Philippines	Abamo AP, Ratilla MC, Bulayog MSB, Alcober EAL, Bongat HN, Nuñez LB, Tan DLS	Ongoing	Academe (Faculty and Students), Researchers, LGU (Sogod, So. Leyte)
Socio-economic Impact and Operational Evaluation of Renewable Energy Systems (RES) Installed in the Different Island Barangays in Leyte and Southern Leyte	Guarte JM, Guarte RC	Ongoing	Academe (Faculty and Students), Researchers, LGU (Leyte and So. Leyte)
Socioeconomics Studies on Coconut: Market study on NCRC's coconut-based food products	Ceniza MJC	Ongoing	Academe (Faculty and Students), Researchers



Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Improving Cassava Value Chains for Food, Dried Grates, Flour and Products in Selected Areas in the Philippines	Roa JR, Amestoso NT, Paradero AL	Ongoing	Cassava Farmers, Academe (Faculty and Students), Researchers, LGU, Cassava Industry, Partner Agency (DA-BAR)
A Review of Policies Affecting Rootcrop Industries in the Context of the ASEAN Integration	Roa JR	Ongoing	Academe (Faculty and Students), Researchers, Rootcrop Industry, Partner Agency (Philippine Council for Agriculture and Fisheries, DA & College of Public Affairs, Institute of Strategic Planning and Public Policy, UPLB)
Coconut-based Intercropping of Banana and Corn as Livelihood Options for Communities in Brgy. Camansihay, Tacloban City, Leyte: An S&T Community-Based Approach (STCBF)	Baliad ME, Ceniza MJC, Namoc CM	Ongoing	Coconut Farmers, Academe (Faculty and Students), Researchers, LGU (Brgy. Camansihay, Tacloban City), Cassava Industry, Partner Agency (DA-BAR)
Farmer Satisfaction Survey (FSS)	Gravoso RS, Cagasan EG, Ongy EE, Alviola UB, Gahoy IKP, Mercurio PH	Ongoing	Farmers, Academe (Faculty and Students), Researchers, LGU, Partner Agency (National Irrigation Administration Region VIII)

Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Support Systems for Sweetpotato Value Chain Development and Establish SP Value Chains in Leyte and Samar (Project 1: with 3 components)	Roa JR, Tambis MM	Ongoing	Sweetpotato Farmers, Academe (Faculty and Students), Researchers, LGU (Brgy. Camansihay, Tacloban City), Cassava Industry, Partner Agency (Orch International, PCAARRD, IPB, CLIARC, BU )
Rapid Customer Satisfaction Survey for the Visayas Region	Preciados LM	Ongoing	Stakeholders, Academe (Faculty and Students), Researchers, LGU, Partner Agency (NDA)
Developing Vegetable and Fruit Value Chains and Integrating Them with Community Development in the Southern Philippines	Abamo AP, Teves JR, Bailña FT, Salas RA	Ongoing	Fruit & Vegetable Farmers, Academe (Faculty and Students), Researchers, Fruit & Vegetable Industry, Partner Agency (ACIAR)
Value Chain Capacity Development, and Sweetpotato Value Chain Development for Food in Leyte and Samar	Roa JR	Ongoing	Academe (Faculty and Students), Researchers, Rootcrop Industry, LGU
S&T-based Sweetpotato Value Chain Development for Food in Tarlac, Albay, Leyte and Samar (Program)	Roa JR, M Alayde (CEO-Owner, Orch International), RD Lauzon, DO Ferraren, E Enicola (IPB, UPLB; chair of TWG)	Ongoing	Academe (Faculty and Students), Researchers, Rootcrop Industry, LGU



Program/Project/Study Title	Proponents	Status	Beneficiaries
Identifying and Addressing Non-Economic Loss Damages (NELD) Associated with Extreme Climatic Events: The Case of Typhoon Yolanda Storm Surge Disaster	Abamo AP, Bulayog MSB, Custodio IDB, Monzolin JAS, Bongat HN, Liones Christopher	Ongoing	Academe (Faculty and Students), Researchers, LGU
Enhancing Capacity in Socio-Economic Research: Establishing a Socio-Economic Research and Data Analytic Center in the Visayas (SERDAC-Visayas)	Seriño MNV, Tabada WM, Gabunada FM	Ongoing	Academe (Faculty and Students), Researchers
Development of Mixed Method Approaches to Impact Assessment of Selected Research Projects in Central Philippines (Mixed Methods IA Project)	Gabunada FM, Proj. Staff: MNV Seriño, LB Nuñez	Ongoing	Academe (Faculty and Students), Researchers
<b>Varietal Improvement</b>			
Increasing abaca plant variability through conventional breeding method and evaluation of promising abaca varieties, hybrids and accessions (Phase II) with 3 Studies	Moreno LO , Valida AF , Piamonte RT, Valenzona MA	Ongoing	Abaca Farmers, Academe (Faculty and Students), Researchers, LGU, Abaca Industry
National Corn Testing Project	Capuno OB	Ongoing	Academe (Faculty and Students), Researchers, Breeders
Development of Improved Coconut Varieties/Cultivars	Nuñez TC	Ongoing	Coconut Farmers, Academe (Faculty and Students), Researchers, Coconut Industry

Program/Project/Study Title	Proponents	Status	Beneficiaries
National Rootcrop Cooperative Testing Program: Sweetpotato (with 11 studies)	Bacusmo JL, Ferraren DO, Gonzales I, Laranang L, del Rosario E, Samson G, Superioridad R, Crenacia R, Tumapon AB, Sayo D, Autos N, Villanueva E, Adion I	Ongoing	Sweetpotato Farmers, Academe (Faculty, Students, partner SUCs/ stations), Researchers, LGU, Rootcrop Industry
National Rootcrop Cooperative Testing Program: Cassava	Bacusmo JL, Ferraren DO	Ongoing	Cassava Farmers, Academe (Faculty, Students, partner SUCs/ stations), Researchers, LGU, Rootcrop Industry
National Rootcrop Cooperative Testing Program: Taro/Gabi	Ferraren DO	Ongoing	Taro/gabi Farmers, Academe (Faculty, Students, partner SUCs/ stations), Researchers, LGU, Rootcrop Industry
National Rootcrop Cooperative Testing Program: Yam	Pido NL	Ongoing	Yam Farmers, Academe (Faculty, Students, partner SUCs/ stations), Researchers, LGU, Rootcrop Industry
Varietal Improvement of Cassava (with 3 Studies)	Bacusmo JL, Ferraren DO, Vasquez EA	Ongoing	Cassava Farmers, Academe (Faculty, Students), Researchers, LGU, Rootcrop Industry
Field Maintenance, Characterization, Evaluation of Cassava Germplasm Collection	Bacusmo JL	Ongoing	Cassava Farmers, Academe (Faculty, Students), Breeders/Researchers, Rootcrop Industry



Program/Project/Study Title	Proponents	Status	Beneficiaries
Maintenance and characterization of the PhilRootcrops Yam Germplasm Collection	Pido NL	Ongoing	Yam Farmers, Academe (Faculty, Students), Breeders/Researchers, Rootcrop Industry
Gabi Takudo, Sincamas Assessment and Genetic Resource Conservation and Utilization	Ferraren DO	Ongoing	Academe (Faculty, Students), Breeders/Researchers, Rootcrop Industry
Development and Improvement of Taro Varieties on Yield, High dry Matter Content, Low Acid Resistance to Phytophthora Leaf Blight/ Taro Breeding for adaptability to different agronomic management schemes and environmental conditions	Ferraren, DO	Ongoing	Taro Farmers, Academe (Faculty, Students), Breeders/Researchers, Rootcrop Industry
Maintenance, characterization and documentation of sweetpotato germplasm	Bacusmo JL	Ongoing	Cassava Farmers, Academe (Faculty, Students), Breeders/Researchers, LGU, Rootcrop Industry
Breeding sweetpotato for yield and quality	Bacusmo JL	Ongoing	Cassava Farmers, Academe (Faculty, Students), Breeders/Researchers, LGU, Rootcrop Industry
Development and Maintenance of a Graphic-Rich Sweetpotato Germplasm Database	Loreto AB	Ongoing	Academe (Faculty, Students), Researchers, LGU, Rootcrop Industry

Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Regional testing for Solanaceous Crops	Bancale, GE	Ongoing	Vegetable Farmers, Academe (Faculty and Students), Researchers, Vegetable Industry
Regional advance trials on vegetable legumes and cucurbits/ National Cooperative Testing Program for Legumes	Salas RA	Ongoing	Vegetable Farmers, Academe (Faculty and Students), Researchers, Vegetable Industry
Collection and Characterization of Local and Introduced Coconut Cultivars/Hybrids (with 2 Studies)	Baliad ME	Ongoing	Coconut Farmers, Academe (Faculty and Students), Researchers, Coconut Industry
Collection, maintenance and characterization of abaca germplasm (Phase VII) (with 3 Studies)	Moreno LO, Ocon FL	Ongoing	Academe (Faculty and Students), Breeders, Researchers, Abaca Industry
Screening and Evaluation of 48 NSIC-Registered Cassava Varieties for Resistance to Red Spider mite, <i>Tetranychus kanzawai</i> Kishida	Vasquez EA, Ferarren DO, Godoy CDV, Arce LI	Ongoing	Cassava Farmers, Academe (Faculty and Students), Researchers, Rootcrop Industry, Partner Agency (DA-BAR)
Breeding, Selection, and Generation of Quality Seeds for Special Rice Varieties	Deroy JR, Ferarren DO	Ongoing	Students, Faculty, Researchers, Rice Farmers
Biochemical Characterization and Phytochemical Profiling of Underutilized Root and Tuber Crops for Increased Utilization and Product Development Options	Tulin EE	Ongoing	Academe (Faculty and Students), Researchers, Rootcrop Industry



Program/Project/Study Title	Proponent/s	Status	Beneficiaries
National Cooperative Testing for Hybrid Rice	Abit MGM, Escasinas RO, Ceniza MJC, Lim JL	Ongoing	Rice Farmers, Academe (Faculty and Students), Researchers, Vegetable Industry, Partner Agency (PhilRice)
Rapid Production of Quality Rootcrop Planting Materials with Increased Yield Using Oligocarr	Acedo VZ	Ongoing	Rootcrop Farmers, Academe (Faculty and Students), Researchers, Rootcrop Industry
<b>Development</b>			
Value Chain Development of the Binagol and Sagmani Microindustry in Leyte	Tambis MM	Ongoing	Rootcrop farmers, Academe (Faculty and Students), Researchers, Rootcrop Industry
Piloting Models of ISARD: Strengthening Linkages among Farmers, Government and Industry Sectors for Inclusive and Sustainable Rural Development in Inopacan, Leyte	Bacusmo JL	Ongoing	Stakeholders, Academe (Faculty and Students), Researchers, LGU (Inopacan), Partner Agencies (SEARCA)

Program/Project/Study Title	Proponent/s	Status	Beneficiaries
Preparation of Tender Documents for the Development of the Master Plan for the Leyte Ecological Industrial Zone (LEIZ) with 8 Projects	Dargantes BB, Tajos LA, Jaime RRB, Monserate NF, Libre MJ, Donayre MKS, Ele N, Marilla AE, De Asis AMR, Licardo MR, Ferolino FH, Jomadiño JB, Daffon CC, Alibangbang MDL, Matutes HE, de la Cruz, Noble AL, Bastes SL, Veloso MD	Ongoing	Stakeholders, Academe (Faculty and Students), Researchers, LGU, Partner Agencies (BOI)
Localizing Industrial Development Planning for Job Creation, Resiliency and Inclusive Growth (for the Municipalities of Tolosa, Leyte and Salcedo, Eastern Samar)	Dargantes BB, Ibañez VB, Teves JR	Ongoing	Academe (Faculty and Students), Researchers, LGU, Community
Agriculture and Food Technology Business Incubator	Bacusmo JL	Ongoing	Academe (Faculty and Students), Researchers, LGU, Community
Livelihood Opportunity for Small-scale Coconut farmers Through Expansion and Establishment of Community-Based Coconut Seedling Nursery in Eastern Visayas	Bacusmo JL, Ceniza MJM	Ongoing	Academe (Faculty and Students), Researchers, LGU, Community



Program/Project/Study Title	Proponents	Status	Beneficiaries
Technical Assistance to Accelerated Sustainable Anti-poverty Program (ASAP) for Leyte Province	Bacusmo JL	Ongoing	Academe (Faculty and Students), Researchers, LGU, Community

Prepared by:

*Maria Verjile Q. Subere*  
 MARIA VERJILE Q. SUBERE  
 SRA, Research Office

Submitted by: *Othello B. Capuno*  
 OTHELLO B. CAPUNO  
 VP for Research and Extension