



CARAGA STATE UNIVERSITY
Office of the Vice President for Research & Extension
Status of Implementation of Research and Development Projects and Programs (CY 2015)

R&D Projects	Project Duration	Funding Agency	Researchers/ Workers	Project Cost	Beneficiaries	Status of Implementation
Anti-Corruption, Transparent, Accountable						
Dissemination, Awareness, Relevance and Acceptability of Caraga State University Cabadbaran Campus Vision, Mission, and Its Goals and Objectives	June 2014-May 2015	CSUCC	Marilyn B. Castillo	60,000	Students; Parents; Community	Completed
Tracer Study On The Caraga State University Cabadbaran Campus Graduates For The Academic Years 2011 – 2014	June 2014-May 2016	CSUCC	Joy Lyn D. dela Cruz	307,000	Students; Parents	Ongoing
Poverty Reduction and Empowerment of the Poor						
Assessment of Diversified Livelihood Option in Agusan del Sur - Rainfed Agriculture	November 2013- November 2014	DA-RFU 13	Tomas Austral, Joel Mercado, Janeth C. Polinar	300,000	Farmers; LGUs	Completed
Development of Mechanical Drier for Fish Drying	June 2012-May 2014	CSUCC	Gloria A. Esperanza, Antonio A. Cassion	30,000	Community	Completed
Marketability, Nutritive Value, And Shelf Life Analysis of Squash Spread	June 2013-May 2015	CSUCC	Gigi A. Miñoza, Ryan Chester G. Fong	85,000	Community; Farmers; Food Processors	Completed
Tamban Food Products: Its Acceptability, Nutritional Value, Shelf life Evaluation and Marketability	June 2013-May 2015	CSUCC	Erlin S. Rodas, Maria Jovita C. Serrano, Alvin L. Orcullo	95,000	Community; Fisherfolk; Food Processors	Completed
Virtual Learning Center	June 2014-May 2015	CEIT-GAA, STF	Rolyn C. Daguil, Junrie Matias	60,000	Students	Completed
Design and Construction of Mechanical Weeder	June 2012-March 2013	CEIT-GAA,STF	Jeffrey Bagasbas	60,000	Farmers	Completed
Automated Banana Peeler	June 2012-April 2013	CEIT-GAA,STF	Ydron Paul C. Amarga	60,000	Farmers	Completed
Automated Vending Machine	June 2015-March 2016	CEIT-GAA,STF	Engr. Ronieto Mendoza	60,000	Community	Completed

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Support for Eastern Mindanao, Industry, Energy and Emerging Technology Research Alliance for Development (EMIEERALD) R&D Program						
<i>Project 1. Rainfall Spatial Analysis in Butuan City using GIS</i>	October 2014 - March 2015	DOST - PCIEERD GIA	Anamarie J PONDOG, Jerald U. RUTA	138,000	Residents in Butuan City	Completed
<i>Project 2. Design, Construction and Performance Evaluation of Solar Dryer with Oven - type Biomass Burner as Back-up Heater</i>	October 2014 - March 2015	DOST - PCIEERD GIA	Jeffrey M. Bagasbas Rolly D. Gomez	215,000	Farmers	Completed
<i>Project 3. Assessment on Groundwater Resources Affected by Small-scale Mining in Barangay Maibu, Butuan City</i>	October 2014 - March 2015	DOST - PCIEERD GIA	Jobelle J. Capilitan Liza S. Banaag	147,000	Mining Industry Players; Residents in Butuan City; other Researchers	Completed
Expansion and Enhancement of High Value Crops Through Biotechnology	2015 - present	DA-RFU 13	Glenn Arthur Garcia	3,974,295	Farmers; Agri-Entrepreneurs	Ongoing
Rapid, Inclusive and Sustained Economic Growth						
S&T Program for Responsible Mining in Mindanao						
<i>Project 1. Impacts of Mining on Culture, Employment Dynamics, Socio-Economic Welfare of People, the Local Economy and Governance in Key Mining Areas of Caraga Region</i>	September 2012- May 2014	CHED	Dr. Raquel M. Balanay Adrilene Mae Castaños Ordem Maglente Shiela Reyes Jocelyn Panduyos	2,834,445.00	Government Planners; Mining Industry; Residents near Mining Areas; other Researchers	Completed
<i>Project 2. Assessment of Terrestrial Biodiversity in Selected Mining Areas and Environs in Mindanao</i>	September 2012- August 2015	DOST PCIEERD	Sherryl L. Paz, Meljan Demetillo, Roger T. Sarmiento, Cindy Raganas, Adam Roy Galolo, Alvin Goloran, Neil Iun S. Lobite	4,109,952 (Year 1) 2,322,223.30 (Year 2)	Government Planners; Mining Industry; Residents near Mining Areas; other Researchers	Completed

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<i>Project 3. Assessment of Aquatic Biodiversity in Selected Mining Areas and Environs in Mindanao</i>	September 2012- December 2015	DOST PCIEERD	Joycelyn C. Jumawan, Romell A. Seronay, Rexie P. Magdugo, Maria Elma D. Quiao, Lilia T. Boyles, Margarito G. Caadan, Rachel Tiempo, Laurence B. Calagui, Jackie Lou G. Empron	5,671,951 (Year 1) 2,774,149 (Year 2) 2,063,069.48 (Year 3)	Government Planners; Mining Industry; Residents near Mining Areas; other Researchers	Ongoing
<i>Project 4. Monitoring, Assessment And Profiling of Artisanal And Small-Scale Mining (MAP-ASM) Toward Sustainable Livelihood Through Science-Based Interventions in Key Areas In Mindanao</i>	September 2012- December 2015	DOST PCIEERD	Sonia I. Buscano, James Presbitero, Rebecca Amoroso-Santiago, Karl Mars Glenn Cane, Archie Uchang, Maydejan Cubol, Karen Sales	4,347,128 (Year 1) 2,205,308 (Year 2) 1,630,429.90 (Year 3)	Government Planners; Mining Industry; Residents near Mining Areas; other Researchers	Ongoing
<i>Project 5. Contamination Pathway and Pollution Management of Mining in Mindanao</i>	September 2012- December 2015	DOST PCIEERD	Sonia I. Buscano, Teresita A. Atega, Levitah Mapatac, Jereme Cirera, Bridgette Yongco, Ariane Chrystal Tibe	4,147,128 (Year 1) 2,479,333 (Year 2) 1,373,424.70 (Year 3)	Government Planners; Mining Industry; Residents near Mining Areas; other Researchers	Ongoing
<i>Project 6. Rehabilitation of Areas Affected by Nickel Mining in Caraga Region Towards Eco-restoration</i>	September 2012- December 2015	DOST PCIEERD	Rowena P. Varela, Glenn Arthur A. Garcia, Chime M. Garcia, Lorie Cris Asube, Roger T. Sarmiento, Norman P. Gonzales	1,726,976 (Year 1) 1,180,173.70 (Year 2) 1,107,490.80 (Year 3)	Government Planners; Mining Industry; Residents near Mining Areas; other Researchers	Ongoing
<i>7. ICT Support to Responsible Mining in Mindanao</i>	September 2012- December 2015	DOST PCIEERD	Rolyn C. Daguil, Michelle V. Japitana, Meriam Santillan, Junrie Matias, Ferlyn Daguil	5,562,650 (Year 1) 1,310,336 (Year 2) 2,594,785.68 (Year 3)	Government Planners; Mining Industry; Residents near Mining Areas; other Researchers	Ongoing

R&D Projects	Project Duration	Funding Agency	Researchers/ Workers	Project Cost	Beneficiaries	Status of Implementation
The Students Teacher's Perspective of the Psychosocial Climate of Cooperating Schools: Inputs for Enhancement of Student Teaching Program	November 2013 - December 2014	CSU	Nelia Raganas	18,000	Students; CSU Curriculum Planners	Completed
Gender Analysis: Knowledge, Attitudes and Practices among Students and Employees of Caraga State University Cabadbaran Campus towards Gender Issues	June 2014-May 2015	CSUCC	Rameir Fudalan, Joy Lyn D. dela Cruz, Jasi Rica S. Baño, Jennen M. Dumayaca	40,000	Community	Completed
Community Based Mapping in CABADBARAN CITY using Google Map Makers Technology	June 2014-May 2015	CSUCC	Dr. Marilyn B. Castillo, Engr. Ronald Monzon	60,000	LGU Cabadbaran	Completed
Just and Lasting Peace and Rule of Law						
No Project Implemented						
Integrity of the Environment and Climate Change Mitigation and Adaptation						
Supply Chain Improvement of Falcata in Selected Region in the Philippines	February 2014-February 2015	DOST PCAARRD	Raquel M. Balanay, Jan Hope Honculada	709,500	Tree Farmers & Buyers; Seed Growers;	Completed
Indigenous Practices for Biodiversity Conservation in Agusan Marsh	November 2013 - October 2014	GIZ (German Technical Cooperation)	Rowena P. Varela, Nilo H. Calomot, Richie P. Lador, Adrilene Mae J. Castaños, Meljan T. Demetillo, Glenn Arthur A. Garcia, Erlinda Burton, Meriam M. Santillan, Olga M. Nuneza, Raquel M. Balanay, Romell A. Seronay, William SM Gruezo, Roger T. Sarmiento, Jocelyn C. Jumawan, Ponciano Benagen, Ordem K. Maglente, Dexter John G. Jomoc	6,167,840	Agusan Marsh Residents; other Researchers	Completed

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PHIL-LIDAR 1.B.14 LiDAR Data Processing & Validation in Mindanao: Caraga Region	March 2014- March 2017	DOST-PCIEERD	Meriam M. Santillan, Lorie Cris Asube, Jerry B. Halibas, Jojene R. Santillan, Arthur M. Amora	9,620,851 (Year 1) 14,928,820 (Year 2)	Residents located near River basins and watersheds of Caraga Region; Government Agencies; LGUs	Ongoing
PHIL-LIDAR 2.B.14 Lidar Data Processing, Modelling and Validation by HEIs for the Detailed Resources Assessment in Mindanao: Caraga Region	March 2014- March 2017	DOST-PCIEERD	Michelle Japitana, Anamarie Pondog, Rudolph Joshua Candare, Cherry Bryan Ramirez, Monalaine Bermoy, Bryan Tingas, Rose Grace Auguis, Dave Harvey Anchangco	13,315,993 (Year 1) 17,526,501 (Year 2)	Residents located near River basins and watersheds of Caraga Region; Government Agencies; LGUs	Ongoing
Establishment and Maintenance of Native Forest Tree Nursery and Demonstration Areas in PFEN Member SCUs Using Rainforestation Technology	2013-2015	Philippine Forestry Education Network - Philippine Tropical Forest Conservation Foundation (PFEN-PTFCF)	Roger Sarmiento, Tomas Austral	200,000	Tree Farmers	Ongoing
Characterization of Solid Wastes in Urban Centers in Caraga Region for Designing, Engineering, and Innovation of Technology	June 2013- May 2015	CSUCC	Joy Lyn Dela Cruz, Miraluna L. Herrera, Jasi Rica S. Baño	261,000	LGU	Ongoing
A Gastropod Survey and Geographical Distribution of Snail Vectors of Schistosomiasis in Lake Mainit, Philippines	2013-2014	DOST	Joycelyn C. Jumawan	350,000	Residents near Lake Mainit; other Researchers; DOH-Caraga	Completed

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Extension Projects	Project Duration	Funding Agency	Researchers/ Workers	Project Cost	Beneficiaries	Status of Implementation
Anti-Corruption, Transparent, Accountable						
No Project Implemented						
Poverty Reduction and Empowerment of the Poor						
Rural Electrification (Brgy. Anticala)	June 2014-May 2015	CSU CEIT-STF	James Presbitero	89,000	Residents of Brgy. Anticala	Completed
Adopt-A-School Project: Manapa Integrated School in Manapa, Buenavista, Agusan del Norte	June 2010-October 2015	CSU CAS-GAA	Job Domingo	No definite amount	Teachers, Students and Parents Involved in Manapa National High School	Completed
Reading Literacy	2013-2014	CSU CSE-STF, GAA	Joyce Suganob, Natividad R. Mamaoag	100,000.00	Students from Banza Elementary School	Completed
Panahian Phase II- Livelihood Program (Alternative Learning System)	2013-2014	CSU CSE-STF, GAA	Levitah C. Mapatac, Chistina Cubillas, Natividad R. Mamaoag, Jury A. Caro	70,000.00	Brgy. Pianing Residents	Completed
Agroforestry, Livelihood and Ecotourism Development Program in Tungao, Manila de Bugabos, Mayapay, Butuan City	2010-present	Sandayong Foundation, CASNR-STF	Rodel G. Pasion	Financial Support given directly to the farming communities	Small-hold farmers in Butuan City and the rest of Caraga Region	Inactive
Balikatan sa La Union Program						
<i>Peri-Urban Gardening</i>	April 2012- May 2014	CSUCC	Gloria A. Esperanza	19,720.00	La Union Residents	Completed
<i>Residential Building Wiring Installation</i>	April 2012-May 2014	CSUCC	Marilyn B. Castillo, Japheth Jay O. Vergara	62,500.00	La Union Residents	Completed
<i>Computer Hardware Servicing</i>	April 2013-May 2014	CSUCC	Ronald A. Monzon, David O. Candawan, Kris Jess P. Boligor	190,933.00	La Union Residents	Completed

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<i>Dressmaking Phase II</i>	April 2012-May 2014	CSUCC	Evelyn E. del Carmen, Gladys B. Ave, Chirel Vescara	89,395.00	La Union Residents	Completed
<i>Mangrove Restoration Advocacy</i>	April 2012-May 2014	CSUCC	Urlie G. Anino, Jona J. Biongkog	53,200.00	La Union Residents	Completed
<i>Fish Processing Phase II</i>	April 2012-May 2014	CSUCC	Gigi A. Miñoza, Erlin S. Rodas, Cecilia H. Delima	78,916.00	La Union Residents	Completed
<i>Solid Waste Management Advocacy And Technology Development</i>	April 2013-May 2015	CSUCC	Miraluna L. Herrera, Joy Lyn D. Dela Cruz, Charlie Magne L. Cillo	213,000.00	La Union Residents	Completed
<i>Farmers Information and Technology Center (Techno-Pinoy Center)</i>	January 2013-present	CSU-GAA	Teresita A. Atega Rodel G. Pasion Joel Mercado Romulo C. Salvador	No definite amount	Farmers; Students and Agri-Entrepreneurs	Ongoing
Rapid, Inclusive and Sustained Economic Growth						
Philippine Aquasilviculture Program (PNAP) -Component 1: Mangrove Rehabilitation -Component 2: Aquasilviculture Project -Component 3: Stock Enhancement and Monitoring of Blue Crab	August 2012-May 2015	BFAR	Romell M. Seronay, Johnny Magdura	3,445,960.00	Residents in the Coastal Communities of Nasipit, Butuan, Cabadbaran and Buenavista	Completed
Establishment of an Integrated Organically-Grown Crops and Livestock (A Techno Demo) project	2012-2016	DA-BAR	Tomas M. Austral Jr.	6,000,000.00	Small-hold farmers in Butuan City and the rest of Caraga Region	Ongoing
Establishment of Organic Agriculture Training Center	2012-2016	DA-BAR	Tomas M. Austral Jr.	10,000,000.00	Small-hold farmers in Butuan City and the rest of Caraga Region	Ongoing
Financial and Human Resources Management System in LGU-Butuan City	April 2013-December 2015	LGU-Butuan	Rolyn C. Daguil	2,500,000.00	Residents and City Government of Butuan City	Ongoing

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Rehabilitation of Abaca Plantation through Adoption of High-yielding and Virus Resistant Abaca Hybrid	January 2013- April 2015	DOST PCAARRD	Elizabeth Parac	1,500,000	Abaca Farmers in Caraga Region	Completed
Barangay Profiler	June 2013-May 2015	LGU-Butuan	Lorie Cris S. Asube, Alexander Demetillo	2,176,000	Residents and City Government of Butuan City	Ongoing
BCES Grading System and Report System (eReporting System)	June 2013-May 2015	CSU CEIT-STF	Alexander Demetillo, Edgar Cuenca	60,000	BCES Students and Faculty	Completed
Just and Lasting Peace and Rule of Law						
No Project Implemented						
Integrity of the Environment and Climate Change Mitigation and Adaptation						
Clonal Nursery Establishment Supporting National Greening Program (NGP)	2012-present	DENR-NGP	Felomino B. Andig	3,850,000.00	Tree Farmers and LGU Officials	Ongoing
Comprehensive Land Use and Investment Management Using GIS (CLAIMS-GIS) in LGU-Butuan City	April 2013- April 2016	LGU-Butuan	Alex T. Demetillo, Michelle V. Japitana, Miriam M. Santillan, Jaymer M Jayoma	27,500,000.00	Residents and City Government of Butuan City	Ongoing
Sago-based Ecobelt Establishment for Agusan Riverbank Stabilization for Climate Change Adaptation	June 2013- December 2015	City Government of Butuan	Glenn Arthur Garcia, Roger T. Sarmiento, Rowena P. Varela, Meriam M. Santillan	596,625	Residents and City Government of Butuan City	Ongoing
Flood Hazard Assessment and Mapping and Sago Palm Propagation for Flood Mitigation: An Extension Project Proposal in Brgy. Lemon, Butuan City	October 2014 - October 2015	CSU CEIT	Engr. Meriam M. Santillan, Engr. Lorie Cris S. Asube, Engr. Jerry B. Halibas, Mr. Glenn Arthur A. Garcia	26,000	Residents and City Government of Butuan City	Completed

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