



SOUTHERN LUZON STATE UNIVERSITY
Lucban, Quezon

OFFICE OF RESEARCH SERVICES



STATUS OF SLSU-FUNDED AND EXTERNALLY-FUNDED RESEARCH PROJECTS 2023

Completed – 2 Ongoing – 36
Funding: 35 (SLSU) 3 (External)

Status	Proponents	College/ Campus	Title	Budget (Php)	Duration (in mos)	Expected Year of Completion	Funding
INSTITUTIONALLY FUNDED							
ONGOING	Jomar Saif P. Baudin	CAS	A sequential explanatory study examining the buffering effects of Human-Animal Interactions on stress and quality of life among working from home employees during the COVID-19 Pandemic	297,600	18	2023	SLSU
	Brian D. Villaverde Joan M. Dizon Nicanor L. Guinto	CAS	Communicative affordances of digital media in learning during a crisis	154,300	12	2023	SLSU
	Marife S. Magpantay Helene D. Daya Marina A. Bueza Jake Arman A. Principe	CABHA/CAS	Multilevel perspective of internal stakeholders on flexible learning implementation of a Higher Education Institution in the next normal	60,000	8	2023	SLSU
	Rosalinda A. Abuy Bernardita E. Brillon	CAM	Research competence, performance, and visibility of SLSU faculty	60,000	24	2024	SLSU
	Gino A. Cabrera Maybriel O. Tobias Jan Kristian O. Bisagas	CAS	Women and youth participation in the woodcarving industry of Paete, Laguna	199,200	12	2023	SLSU
	Anna Peachy E. Maguyon Loretta P. Arroyo Resty P. Umali	CABHA	Development and sustainability livelihood analysis of community-based enterprises in Sampaloc, Quezon	195,800	12	2023	SLSU
	Delia R. Babilonia Mark Alvin R. Restan Jofren R. Moreno	CAG	Biological, Abundance, Distribution, and Socio-economics of snapping shrimps (<i>Alpheus</i> spp.) in the coastal areas of Quezon Province	771,900	24	2024	SLSU



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ONGOING

Eraldwin A. Dimallig Ronald C. Garcia Dennis E. Pulan	CAG	Plantation growth and biomass dynamics in reforestation areas in Mt. Banahaw de Lucban using Remote Sensing and Geographic Information System	166,500	12	2023	SLSU
Claire Ann M. Yao Aurita A. Laguador	CABHA/CIT	Standardization and Quality specifications of purple yam (<i>Dioscorea alata</i>) powder processing and the characterization of purple yam powder	330,900	13	2023	SLSU
Maria Fara A. Cadelina Frederick T. Villa Generoso R. Maano	Lucena	Development of automated solar greenhouse-type seaweeds dryer	290,700	18	2023	SLSU
Kirstina N. Manalo Evangeline B. Mecija Mirasol B. Manlapaz Renato R. Maaliw III	CAM/Cen	Self- Health Assessment for Pregnant Mobile Application	197,000	18	2023	SLSU
Roland A. Calderon Allan Francis M. Esquieres Willy A. Manaog	Lucena	Arduino-based recyclable plastic bottles and exchange coin system with GSM notification	133,500	13	2023	SLSU
Melanie S. Cadao Vanessa S. Cadeliña Sylvia S. Palmero Charlene Mae Y. Daya Efren Palaracio	CABHA/ Production	Standardization of operating procedures for Kamias (<i>Averrhoa bilimbi</i>) soap production	132,300	18	2023	SLSU
Cerfred A. Alcantara Francis B. Laguardia Aileen V. Elarco	Catanauan	Design and Fabrication of Portable Diesel-Powered Coco Peat Harvesting Machine	163,600	24	2024	SLSU
Moses T. Macalinao Reymar A. Ortega Irish T. Valdeavilla	Tayabas	Interactive Infographic Database of Coconut Farms and Farmers' Profile in Tayabas City, Quezon: Baseline Information for Coconut Replanting Program	256,200	13	2023	SLSU
Jose D. Sanvictores Ricaryl Catherine P. Cruz Aurita A. Laguador Jerwin D. Campita Angelito Mangubat Arvin P. Natividad	CIT	Design and fabrication of machines for mushroom chili garlic sauce production a) Design and fabrication of Garlic Peeling Machine b) Design and fabrication of Garlic Mincer c) Design and fabrication of Mixing Machine	524,200	36	2024	SLSU



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ONGOING	Engr. Luis Joel Palamiano Jr. For. Richard Valle Paulo V. Obico	CHERM	iCOCO Pro (Integrated Mapping of Coconut (Cocos nucifera) through remote sensing and artificial intelligence project in AIQuePrez (Alabat, Quezon & Perez Quezon, Province)	300,000	4	2023	SLSU
	Richard Veluz Leomar C. Miano Aurora L. Sumague	CABHA/UBS	Awareness on data privacy vis-à-vis data management practices in Southern Luzon State University	74,800	6	2022	SLSU
	Jennifer Edytha E. Japor Leomar C. Miano Patrice Grace A. Caneo	CABHA	Assessment of COVID-19's impact on selected Small and Medium Enterprises in Quezon Province through business health check	161,484	12	2023	SLSU
	Ana Violeta D. Cruz Maria Luisa E. Barretto Jessica A. Sabas	CAM	Challenges and resiliency of older adults amidst COVID 19 pandemic: A holistic approach	89,672	12	2023	SLSU
	Lorna L. Cano Roylan A. Almacen Sandra D. Elma	CAM	Midwives' spiritual care competency: Basis for spirituality workplace	133,650	8	2022	SLSU
	Brainerd Aldrin Lopez Manuel P. Delos Santos Ronel R. Adlay	CAM	Acceptability of establishing Teleradiology in Southern Luzon State University	100,760	12	2023	SLSU
	Editha E. De Jesus Shiela Abion	CAS	Distribution, phytochemical screening, and biological activities of selected <i>Zingiber</i> species in Mount Banahaw de Lucban	366,400	30	2024	SLSU
	Marissa C. Esperal Michelle V. Ramirez	CAS	Techno-Psych Serv: Technology-based psychological services applied to selected male and female adolescents and adults with special needs	200,000	24	2024	SLSU
	Cherry C. Favor Zenaida C. Angeles Imelda A. Tangalin Felix B. Lampos, Jr.	JGE Tagkawayan	Environmental Literacy: An assessment for intervention development for Climate Change Adaptation	157,900	18	2023	SLSU
	Jay-Ar C. Recto Esmeraldo G. Arat Cherry C. Favor Rebecca D. Jason	JGE Tagkawayan	Behind the tattered fishing net: A story of resilience of fishing community	108,900	12	2023	SLSU



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ONGOING	Melanie D. Salumbides Cristina D. Nicolas Wilma L. Comia Felix Lamos, Jr.	JGE Tagkawayan	Acceptance of COVID-19 Vaccine: A challenge in Tagkawayan Community	97,900	12	2023	SLSU
	Reydante P. Gordula Veronica Aurea A. Rufo Maripaz T. Lamos	JGE Tagkawayan	Development of Langkawas (<i>Alpinia galangal</i> L.) enhanced dilis (<i>Stolephorus commersonii</i>) Bagoong	186,000	24	2024	SLSU
	Imelda A. Tangalin Veronica Aurea A. Rufo Manirose S. Lucban	JGE Tagkawayan	Development of Madre de Agua (<i>Trichanthera gigantea</i>) and girdled horn snail (<i>Cerithidea cingulate</i>) pelleted feed for native pig	387,145	36	2024	SLSU
	Arvin N. Natividad	Lucena/ MIS	IoT Soil Nutrient Detecting Device using Color Sensor and LoRa Technology for rice field	198,880	24	2024	SLSU
	Ethel Queddeng-Quesea Marites P. De Leon Jericho L. Marasigan	Polillo	Level of stress, coping mechanism and job satisfaction of SLSU Faculty amidst Covid 19 pandemic	84,700	12	2023	SLSU
	Ma. Isabel V. Caringal Roy S. Dayo Joana Marie P. Del Rio	Tiaong	Productivity, profitability and quality of honey, pollen and propolis of stingless bees in various bee hive materials	199,544	18	2023	SLSU
	Violeto N. Coronacion Wendy C. Nombrefia Roldan D. Jallorina Mira O. Reyes	Infanta	Product optimization of Nipa Sweeteners Shared Service Facility (SSF) Projects in SLSU Infanta Campus	199,800	12	2023	SLSU
Sub-Total				6,013,535			
Status	Proponents	College/ Campus	Title	Budget (Php)	Duration (in mos)	Year Completed	Funding
INSTITUTIONALLY FUNDED							
COMPLETED	Lourdes A. Quevada Luis Miguel P. Saludez	CEN CTE	Area Specific Action Plan (ASAP) for selected Municipalities of Tayabas area in environmental governance: A basis for intervention program of barangay development plan	180,000	18	2020	SLSU



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	Antonio V. Romana Rizaide A. Salayo Maria Lavina E. Fetalino	CTE	Culture of research in Southern Luzon State University: An assessment	47,300	8	2021	SLSU
Sub-Total				227,300			
Status	Proponents	College/ Campus	Title	Budget (PhP)	Duration (in mos)	Funding	
EXTERNALLY FUNDED							
ONGOING	Amalia E. Almazol Ronald C. Garcia Francisco Beltran Eraldwin Dimailig Dennis E. Pulan	CAG	Inventory and assessment of flora and fauna, and macrofungi in Mt. Banahaw de Lucban	4,999,926.00	24	DOST-PCAARRD	
	Leomar C. Miano Aurita A. Laguador Claire Ann M. Yao Gino A. Cabrera Chona V. Cayabat Felino J. Gutierrez Ma. Isabel V. Caringal Roy S. Dayo	CABHA CIT CAG Tiaong Campus	Building Climate Resilient BP2 (Balik Probinsya, Bagong Pag-asa) Villages from the Selected Agrarian Reform Communities (ARCs) in Quezon Province	1,633,077	12	DA Regional Field Office CALABARZON	
	Doracie B. Zoleta-Nantes Ricaryl Catherine P. Cruz Maricel O. Lingatong Jerwin D. Campita Jacinta L. Maledede Lendel D. Racelis Sarah May R. Rivere Diana Elizabeth A. Reyes	OP CIT	Documentation of the art of weaving traditional Buri Hats and Bags by Women in Lucban, Quezon and the reason for its disappearance	200,000	6	National Commission for Culture and the Arts (NCCA)	
Sub-Total				6,833,003			

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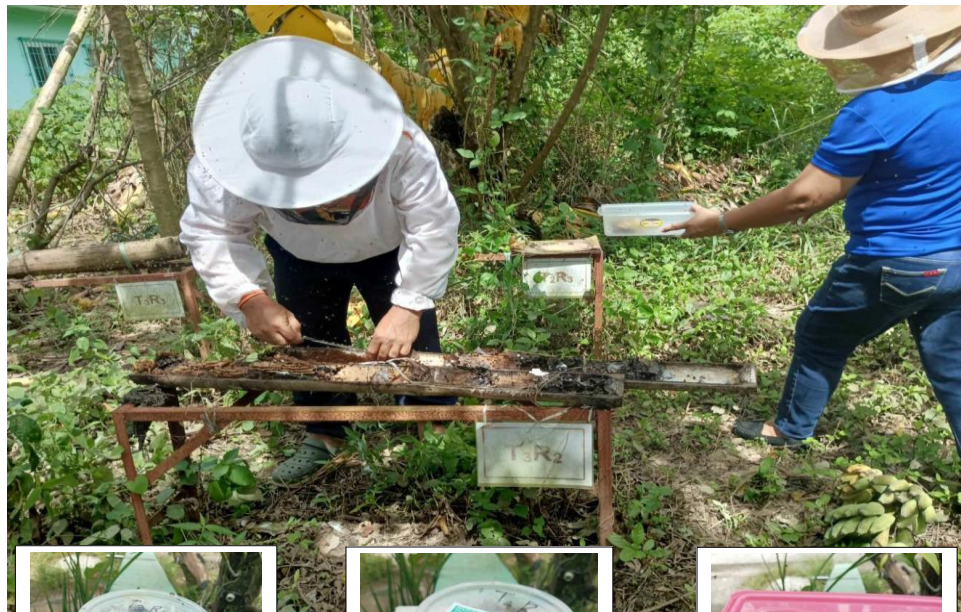
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ONGOING AND COMPLETED RESEARCH PROJECTS WITH PHOTOS

Productivity, profitability and quality of honey, pollen and propolis of stingless bees in various bee hive





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Biomass and Carbon stocks estimation of Mangrove Forest in Alabat Island using LANDSAT ETM+ and SRTM elevation data



Encoding of Data, Mapping, and revision of draft



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IoT Soil Nutrient Detecting Device using Color Sensor and LoRa Technology for rice field





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Inventory and assessment of flora and fauna, and macrofungi in Mt. Banahaw de Lucban





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