



SLSU RDE Agenda and Priority Areas

2

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4

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6

GOALS

1. Center for teaching excellence
- 2. Premier research university that generate S&T-based innovations**
3. Training institution that promotes gender-responsive, climate-resilient, and community-driven development for all
4. Wider platform for student and personnel development
5. Facilities that support student learning enhancement and personnel development
6. Strengthened local and international academe-industry and alumni linkages
7. Intensifying resource generation and risk management

7

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8

MTDP 2021-2023

The proposed research endeavors in the **SLSU MTDP 2021-2023** will contribute to the achievement of the **CALABARZON Research and Development Plan for 2017-2022** and **AmBisyon Natin 2040** in terms of:

- advancing S&T innovation;
- implementation of hazard and environmental resources management;
- ensuring ecological integrity;
- accelerating human capital development; and,
- expanding economic opportunities in agriculture, forestry, and fisheries

9

MTDP 2021-2023

From 2021-2023, SLSU aims to primarily address the **following researchable areas for the Quezon Province:**

- Production of geospatial data and other related documents
- Protection and conservation of the flora and fauna resources of Mt. Banahaw
- Contribution in the study of the structural aspect of language in Quezon
- Production of knowledge on IPs
- Boost the competitive potential of coconut and its products in the Quezon
- Technical assistance to research-based technology for commercialization in the local community
- Assistance to maintain the integrity of the coastal resources of Alabat Island and Tagkawayan
- Sustainable fishing strategies and environment-friendly aquaculture practices in the locality
- Development of small-scale local beer brewing stations from coconut, cacao, and other potential sources of fruit wines in the Province

10

Primary Considerations for the SLSU RDE Agenda 2018-2022

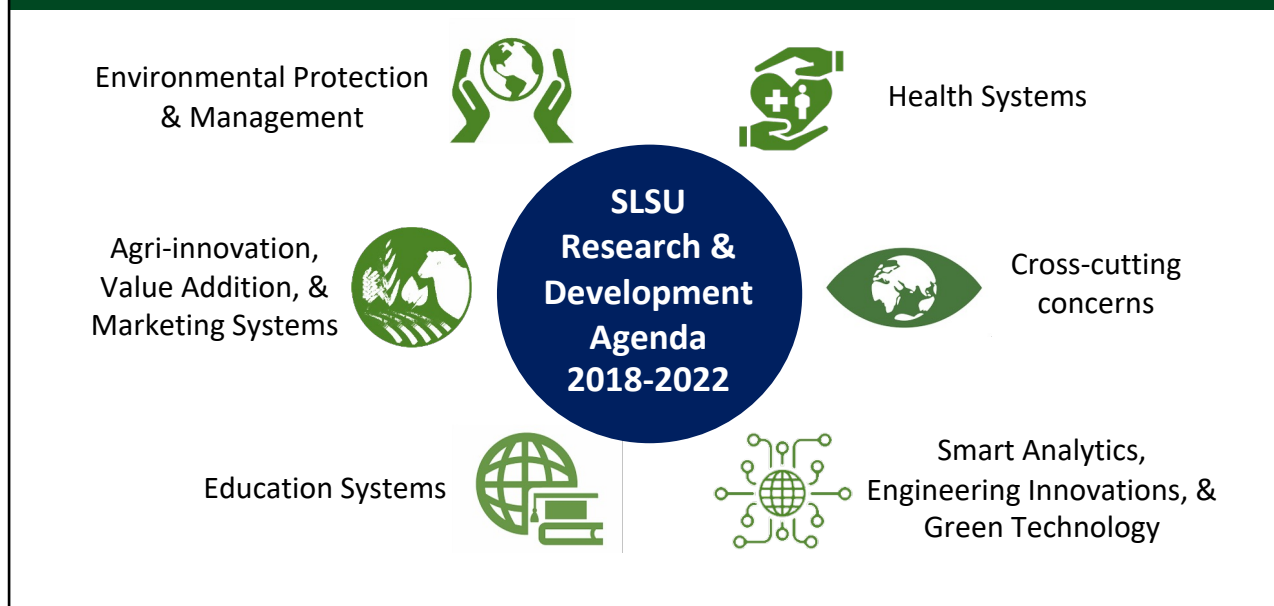
(Approved by virtue of BOR Resolution No. 57, s. 2021)

- Provincial Commodity Investment Plan of Quezon Province 2018-2020
- CALABARZON Regional Development Research Agenda 2018-2022
- DOST Harmonized National Research and Development Agenda
- Research and Development, Extension Agenda and Programs 2016-2022
- DOST Palm Sugar Roadmap
- PCAARRD R&D Roadmap 2017-2021
- CHED CMO 52, s. 2016

11

SLSU RDE Agenda 2018-2022: Thematic Areas

(Approved by virtue of BOR Resolution No. 57, s. 2021)



12

Updated Priority Areas per Theme

(Amended by virtue of BOR Resolution No. 57, series of 2021)

AGRI-INNOVATION, VALUE ADDITION, AND MARKETING SYSTEMS Organic Food Production Improving the value chain components of food systems Cacao, Pili, Coconut, and Makapuno Bamboo and Nipa Products Tropical wine and distilled spirits Mushroom Production Apiculture Agricultural Productivity Enhancement Aquaculture and Fisheries Aquasilviculture	HEALTH SYSTEMS Innovative, inclusive and equitable access and service delivery Web-based app for health Patient welfare Stress debriefing in conflict and disaster areas Rapid diagnosis of disaster-related diseases In support of the drug rehabilitation programs Documentation, detection, prevention of infectious disease Provincial researches to address stunting Planetary Health Complementary Medicine	SMART ANALYTICS, ENGINEERING INNOVATIONS AND GREEN TECHNOLOGY Research that will pump prime the other themes by providing technology-based solutions Emerging technologies Development of System using the internet of things Electronics and communications advance technologies
ENVIRONMENTAL PROTECTION AND MANAGEMENT Biodiversity Mount Banahaw Studies Database for marine and terrestrial resources Soil Health Management Wastewater management	EDUCATION SYSTEMS Innovative, inclusive and equitable access and service delivery Comparative studies on conventional, face-to-face vs. online learning Evaluation of modes of instruction deliveries Drivers of higher education outcomes	CROSS-CUTTING CONCERNS Disaster Risk Reduction and Climate-Change Adaptation Gender and Development Initiatives and Good Governance National Peace and Security Socio-economic Policy Competitive Industries Industry and Services Micro, Small, and Medium Scale Enterprises

13

