

AY 2024 - 2025



Saint Louis University

Supporting Land Ecosystems Through Education



15 LIFE
ON LAND



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Sustainable Management of Land for Agriculture and Tourism (Educational Outreach)



15 LIFE ON LAND



BAGGS Facilitates ‘TANAW’: Tree Maintenance Initiative

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<https://www.slu.edu.ph/2024/11/26/baggs-facilitates-tanaw-tree-maintenance-initiative/>

The Baguio Association of Government Grantees and Scholars – Saint Louis University (BAGGS), a recognized organization of government grantees and scholars in SLU, conducted a tree maintenance activity with 35 volunteers and partner organizations. Held on November 22, 2024, at Busol Watershed, Ambiong, Baguio City, the TANAW: Tree Maintenance Initiative was a key highlight of Scholar’s Week. Coordinated with CENRO Baguio Forester Helen K. Ba-awa, the activity supported the National Greening Program, focusing on bamboo and pine trees to raise environmental awareness, foster collaboration, and combat deforestation.

Volunteers from BAGGS, PICHE – JSLUC, AWMA – JSLUC, and YCE uprooted grasses, removed invasive plants, cleared debris, and cared for young trees. Scholars also pruned, mulched, and weeded around designated areas, enhancing tree health and growth. Experts shared insights on tree care’s role in climate action, air quality, and biodiversity. The initiative emphasized teamwork, responsibility, and ecological awareness, beautifying the watershed and promoting sustainability.

By providing hands-on learning, the activity supports SDG 15 (Life on Land), combining knowledge, action, and collaboration for a greener future. This is a call to act now, and care for our nature. For the future to flourish into its roots, we must first secure the present.



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Talon iti Namnama: Farm of Hope

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<https://www.slu.edu.ph/2023/04/12/talon-iti-namnama-farm-of-hope/>

In March 2023, the Sunflower Centennial Halfway Home for Boys launched “Talon iti Namnama (Farm of Hope),” a back-to-nature project focused on sustainable vegetable and fish production through hydroponics and aquaponics. Spearheaded by Fr. Emanuel Enjang Pranatal, CICM, the initiative aims to reduce food expenses, generate income, and promote environmental responsibility.

Aligned with SDG 12 (Responsible Consumption and Production), SDG 15 (Life on Land), and the CICM Advocacy of Integrity of Creation, the project supplements the home's food supply while training the boys in self-sustainability and care for nature. Future harvests will be marketed to the SLU community to help sustain the home's operations.

“Self-sufficiency entails the self being enough, and a self-sustaining entity can maintain self-sufficiency indefinitely.”



SLU SAMCIS Students Win Big in 19th BIDA Awards

Published in the SLU website:

<https://www.slu.edu.ph/2025/10/23/slu-samcis-students-win-big-in-19th-bida-awards/>

Saint Louis University (SLU), through SAMCIS, earned top honors at the 19th Business Idea Development Awards (BIDA) organized by the Philippine Chamber of Commerce and Industry (PCCI) on September 29, 2025, in Taguig City. Two SLU teams—"Rootini" and "TAGriculture"—won in their respective categories, showcasing Louisian excellence in entrepreneurship, sustainability, and innovation.

Rootini, developed by Juliana Dyanne R. Chua, Anne Karylle V. Dela Cruz, Jeffrey P. Rendon Jr., Chloe A. Melgar, and Lance Denver O. Landingin, was named Overall Champion in the Food Category. The project transforms Benguet's vegetable oversupply into plant-based food alternatives like Rootini Rolls, Sheets, Twirls, Drizzles, and Chews. Guided by Prof. April Macasieb-Gumnad, Prof. Jordan Tangonan, and Prof. Karlo S. Dacanay.

These victories affirm SLU's role as a hub for innovation, cultivating future leaders who turn challenges into opportunities for inclusive growth and community empowerment.



SLU Civil Engineering Students win Best Presentation at 12th International Senior Project Conference 2025 in Thailand

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<https://www.slu.edu.ph/2025/06/10/slu-civil-engineering-students-win-best-presentation-at-12th-international-senior-project-conference-2025-in-thailand/>

Students from the Department of Civil and Geodetic Engineering of Saint Louis University (SLU) – School of Engineering and Architecture (SEA) won the Best Presentation Award at the 12th International Senior Project Conference (ISPC) 2025, held from 4 to 6 June at King Mongkut's University of Technology Thonburi (KMUTT) in Bangkok, Thailand. The SLU team stood out among 50 innovative projects presented by students from 11 leading universities across six countries.

Their research, titled “Assessing the Impact of Ureolytic Bacteria and the Comparative Role of Plinth Beams on Soil Stabilization for Mitigating Soil Settlement,” explores sustainable and innovative engineering solutions to enhance soil stability. The project aligns with SDGs 9 (Industry, Innovation, and Infrastructure), 11 (Sustainable Cities and Communities), 13 (Climate Action), and 15 (Life on Land). The team was led by Engr. Romsan D. Lopez and composed of presenters Yuri Keith Joven, Lalaine Joy Lachica, Ryan Mark Libang, Johnwin Nobleza, and Rovelyn Chulisan, with contributions from Mariuse Ivan Macadangdang, Julius Apaga, and Ashtreyd Bayas.

Their presentation was evaluated by a distinguished panel chaired by Prof. Dr. Asawin Meechai. SLU's recognition at ISPC 2025 underscores the university's commitment to promoting research excellence, sustainability, and global academic collaboration.



Bougainvilleas adorn the SLU SHMC Medical Arts Parking Building

Published in the SLU website:

<https://www.slu.edu.ph/2024/06/07/bougainvilleas-adorn-the-slu-shmc-medical-arts-parking-building/>

On 07 June 2024, officials and employees led by University President Rev. Fr. Gilbert B. Sales, CICM, planted bougainvillea to decorate the SLU Sacred Heart Medical Center (SHMC) Medical Arts Parking Building in an eco-friendly manner. The activity coincided with the Feast of the Sacred Heart and was part of a Plant Drive launched last April 12, encouraging donations of bougainvillea and birds-of-paradise to create a sustainable and welcoming atmosphere.

The planting was followed by a Eucharistic celebration with Fr. Sales as main celebrant, joined by Fr. Emanuel Enjang Pranatal, Fr. Emery Mwako, Fr. John Salama, and Fr. Valentin Narcise. The day also marked the blessing of Cardiotocography (CTG) Machines, which monitor fetal heart rates during pregnancy to help assess fetal well-being.

These initiatives reflect SLU SHMC's commitment to sustainability, health, and innovation, aligned with SDGs 3, 9, 11, 13, 15, and 17.



SLU YCE Embarks on Project Moss: Promoting Sustainability One Plant at a Time

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<https://www.slu.edu.ph/2024/03/13/slu-yce-embarks-on-project-moss-promoting-sustainability-one-plant-at-a-time/>

The Saint Louis University (SLU) Youth Council of Ecolodians (YCE) officially launched “Project Moss,” an environmental initiative spearheaded by SLU YCE Former President Frank Christopher D. Pacio. Born out of a collective desire to make a tangible impact, the project began with the acquisition of Spanish Moss (*Tillandsia usneoides*), a resilient plant known for its air-purifying properties and support for biodiversity.

In December 2023, SLU YCE, in collaboration with the SLU Campus Planning, Maintenance, and Security Department (CPMSD), distributed 100 pieces of Spanish Moss at the Fountain area of the campus. “We believe that small actions can lead to significant impacts,” said President Pacio. “By propagating Spanish Moss, we are not only enhancing the beauty of our campus but also contributing to a healthier ecosystem and promoting awareness about the importance of sustainable practices.”

The response was inspiring, with students and faculty eagerly participating in the initiative. Looking ahead, SLU YCE plans to expand Project Moss to the Maryheights campus and introduce more plant varieties to create mini green spaces across SLU. These efforts aim to foster biodiversity, environmental stewardship, and a deeper sense of responsibility within the university community.



SLU BSIT enters Top 4 in AMY IP Awards 2023

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<https://www.slu.edu.ph/2023/11/09/slu-bsit-enters-top-4-in-amy-ip-awards-2023/>

Saint Louis University's BSIT fourth-year students secured a spot in the Top 4 collegiate category of the Alfredo M. Yao Intellectual Property (AMY IP) Awards 2023 held on 2 October 2023 at McKinley Town Center, Fort Bonifacio, Taguig City. The team presented "LingapLupa," an AI-driven Android mobile application that uses Convolutional Neural Networks to identify earthworm species in the Cordillera heirloom rice terraces.

LingapLupa differentiates harmful earthworms from beneficial ones, helping maintain crop yields and supporting SDG 2: Zero Hunger and SDG 8: Decent Work and Economic Growth. By integrating deep learning into agriculture, the project addresses long-standing challenges in farming and contributes to SDG 9: Industry, Innovation, and Infrastructure. It also supports SDG 11 by promoting sustainable development in rural communities and preserving the ecological value of the Cordillera Rice Terraces.

The app empowers farmers with knowledge to make informed decisions, aligning with SDG 12: Responsible Consumption and Production. It also contributes to SDG 15 by helping regulate earthworm species and protect biodiversity. The event featured a full-day program with presentations, certificate distribution, and closing remarks from judges Dr. William S. Co and Mr. Antonio L. Sayo.

SLU's recognition at the AMY IP Awards 2023 highlights the potential of student-led innovations to drive sustainability, protect heritage, and uplift underserved farming communities through technology.

