Metric 15.2

AY 2024 - 2025

Saint Louis University

Supporting Land Ecosystems Through Education

15 LIFE ON LAND

Indicator 15.2.1

AY 2024 - 2025

Saint Louis University

Events About Sustainable Use of Land

15 LIFE ON LAND

Batangan 38: Responsible Mining and Land Stewardship Education

Published in the SLU Mining Engineering Society FB Page:
https://www.facebook.com/photo?fbid=1246103297310060&set=pcb.1228578665729190

Saint Louis University advances SDG 15 by strengthening environmental literacy, ecological responsibility, and sustainable land-use awareness through its flagship Batangan Program. During the Batangan 38 immersion at Eramen Minerals Inc. (EMI) in Sta. Cruz, Zambales, SLU Mining Engineering students experienced firsthand how responsible mining can coexist with ecosystem protection when guided by strict environmental standards and government regulation.

The exposure allowed students to observe environment-sensitive mining practices, such as controlled contour open-pit techniques, "free-digging" methods that reduce ecological disturbance, dust suppression systems, and stringent safety–health–environment (SHE) protocols. These hands-on lessons deepened students' understanding of responsible resource extraction aligned with land conservation principles.

The immersion also highlighted ecosystem rehabilitation, as students visited EMI's Nautilus Project Site, where they participated in tree planting, learned about slope stabilization, observed reforestation zones, and saw siltation control measures under the company's Annual Environmental Protection and Enhancement Program (AEPEP). Encounters with wildlife further demonstrated that biodiversity can recover and thrive when land is rehabilitated responsibly.

At the company's Education, Information, and Communication (EIC) Center, students were introduced to EMI's sustainability initiatives, community engagement programs, transparency mechanisms, and environmental management frameworks. This reinforced SLU's Environmental Policy, which promotes public education, ecological stewardship, and community-centered sustainable development.

Through Batangan 38, SLU not only exposes future engineers to socially and environmentally responsible mining, but also cultivates critical thinking on ecosystem protection, land rehabilitation, and sustainable resource use. This initiative embodies SLU's commitment to shaping graduates who can balance technical expertise with ethical responsibility, contributing to the long-term protection and sustainable management of terrestrial ecosystems.

MINAHUSAY x ISRI Responsible Mining and Land Stewardship Immersion

Published in the SLU Mining Engineering Society FB Page:
https://www.facebook.com/photo?fbid=1097268702193521&set=pcb.1097269065526818

Saint Louis University advances SDG 15 by providing experiential learning that deepens students' understanding of responsible land stewardship and sustainable resource use. Through the MINAHUSAY immersion at Itogon-Suyoc Resources Inc. (ISRI), SLU Mining Engineering students gained firsthand exposure to environmentally responsible mining practices.
During the visit, students learned about modern milling and gold-recovery processes, including CIP/CIL systems and the electro-winning method, which highlight precision, resource efficiency, and reduced environmental impact. They also observed sustainability innovations such as carbon recycling and improved ore recovery, which minimize waste and lessen the need for further land disturbance.

The immersion further showcased ongoing land-rehabilitation efforts, including reforestation, slope stabilization, and the restoration of mined-out areas—demonstrating how ecosystems can recover through committed environmental management. Student reflections revealed an appreciation for balancing technological progress with ecological responsibility.

By integrating real-world environmental education with industry collaboration, SLU reinforces its Environmental Policy and develops future engineers who value ethical resource extraction, land rehabilitation, and the protection of terrestrial ecosystems.

15 LIFE ON LAND

BAGGS Facilitates ‘TANAW’: Tree Maintenance Initiative

Published in the SLU Website:
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.

Talon iti Namnama: Farm of Hope

Published in the SLU website:
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.

15 LIFE ON LAND

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

Published in the SLU website:
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.