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Saint Louis University Informs and Supports Government



SLU Architecture Students Recognized by Baguio City Officials for Sustainable Design

03 August 2024

Published in the Baguio City Public Information Office Facebook Page URL: <u>Baguio PIO Facebook Post</u>



SLU architecture students were commended for their contributions to the Aguinaldo Park design concepts on July 3, 2024. Their nature-based solutions were recognized for their potential to promote sustainable development. The students' designs were presented to the City Planning and Development Office (CPDO) and will be considered for future park enhancements. This recognition highlights the value of architecture students' contributions to urban planning and sustainability.



Saint Louis University Renews Commitment to Philippine Low Carbon Transportation Project

12 October 2023

Published in the SLU Website

URL: <u>https://www.slu.edu.ph/2023/10/12/saint-louis-university-renews-commitment-</u> <u>to-philippine-low-carbon-transportation-project/</u>



In the Ceremonial Signing of the Memoranda of Agreement with Local Transport Stakeholders on Sustaining the Promotion of Low Carbon Transport Systems in the Philippines held in the Marco Polo Ortigas Manila on 12 October 2023, Saint Louis University, in consortium with the University of Baguio and the University of the Cordilleras, reinforced its commitment with the United Nations Development Program (UNDP), the Department of Transportation (DOTr), and the Local Government of Baguio to produce research projects on low carbon transportation (LCT).

The event was graced by the UNDP Deputy Resident Representative Mr. Edwin Carrie, DOTr Secretary Hon. Jaime Bautista, Baguio City Mayor Benjamin Magalong, and other dignitaries and project teams from the UNDP, DOTr, transport cooperatives, and the local government units of Baguio City, General Santos City, Iloilo City, Pasig City, and the City of Sta. Rosa. The five cities are pilot cities for the implementation of the LCT project.



SLU SOL through CJMM-CLAO Goes Green

28 - 30 August 2023

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URL: https://www.slu.edu.ph/2023/08/30/slu-sol-through-cjmm-clao-goes-green/

SLU SOL through CJMM-CLAO GOES GREEN!

Saint Louis University - School of Law through its legal aid office, Chief Justice Manuel V. Moran Community Legal Assistance Office (CJMM CLAO), represented by Dean Jerico G. Gay-ya and Atty, Victoria P. Dines, continues its goal to protect rights and inspire lives by partnering with the Philippine Earth Justice Center (PEJC) in its project on "Mainstreaming Environmental Justice through Green Legal Clinics in the Philippines". The project aims to enhance the capacity of law schools' legal clinics in terms of addressing environmental issues within their respective communities.

To mark the second year of the project, different law schools and legal aid clinics gathered in Parklane Hotel, Cebu City from August 28 to 30, 2023 to discuss the consortium's campaigns all throughout the years, from protecting Benham Bank as marine resource reserve in 2018, ending commercial fishing in municipal waters by 2023, to its current project of restoring and protecting Mangrove Forests by 2025.







Some of the fruitful and impactful discussions in the event include the keynote address of Commissioner Albert de la Cruz from the Climate Change Commission on the role of green legal clinics in mitigating the impacts of climate change and a background on the environmental litigation in the Philippines by Atty. Gerthie Mayo-Anda, Executive Director of the Environmental Legal Assistance Center (ELAC). There was also discussion on the importance of the collaborative work of the government with other stakeholders in the development of environmental policies and the role of green legal clinics in the Clinical Legal Education Program (CLEP) implementation. The three-day event capped off with the strategic planning and building a roadmap of the Environmental Law Clinics

Being one of the fifteen (15) Green Legal Clinics

here in the Philippines, CJMM CLAO of the Saint Louis University - School of Law is committed to conduct numerous capacity-building activities involving the Environmental Code of Baguio City and other environmental laws. Truly, the power of law is necessary to create a lasting impact and drive systemic change to protect the planet and all its inhabitants.





SLU School of Law Promotes Environmental Justice

SLU's School of Law through its legal aid office, Chief Justice Manuel V. Moran Community Legal Assistance Office (CJMM CLAO) has partnered with Philippine Earth Justice Center (PEJC) to enhance law schools' capacity to address environmental issues. A gathering of law schools discussed past campaigns and future goals, including marine protection, ending commercial fishing, and mangrove restoration. Key topics included green legal clinics' role in mitigating climate change and government-stakeholder collaboration. The event concluded with strategic planning for environmental law clinics. As a Green Legal Clinic, CJMM CLAO is committed to capacity-building activities related to environmental law.



Green Minds: SLU and CEPMO conduct Tree Planting activity

O4 December 2023 Published in The Buttress Facebook Page URL: <u>The Buttress Facebook Post</u>



Saint Louis University's School of Engineering and Architecture, in partnership with the City Environment and Parks Management Office (CEPMO), successfully conducted a tree-planting initiative at Baguio City's Botanical Garden on December 3, 2023. The event was a collaborative effort involving student organizations and faculty members and Baguio City, united in their mission to contribute to the United Nations' Sustainable Development Goals. By planting trees, the participants directly supported SDG 11 (Sustainable Cities and Communities), SDG 13 (Climate Action), and SDG 15 (Life on Land).



SLU-CSD participates in tree planting activity

04 December 2023

Published in The Buttress Facebook Page URL: <u>The Buttress Facebook Post</u>



Saint Louis University's School of Engineering and Architecture, in partnership with the City Environment and Parks Management Office (CEPMO), successfully conducted a tree-planting initiative at Baguio City's Botanical Garden on December 3, 2023. The event was a collaborative effort involving student organizations and faculty members and Baguio City, united in their mission to contribute to the United Nations' Sustainable Development Goals. By planting trees, the participants directly supported SDG 11 (Sustainable Cities and Communities), SDG 13 (Climate Action), and SDG 15 (Life on Land).



SLU hosts "PLASTIKarunungan": Seminar on Plastic Waste Management by DENR

23 April 2024

Published in the SLU Website

URL: <u>https://www.slu.edu.ph/2024/05/23/slu-hosts-plastikarunungan-seminar-on-plastic-waste-management-by-denr/</u>

The "PLASTIKarunungan" seminar on plastic waste management by the Department of Environmental and Natural Resources (DENR) was held on 23 April 2024 at Devesse Bldg.-AVR, SLU Maryheights Campus, from 1 pm to 4:30 pm.

The "PLASTIKarunungan" is a sub-event of the week-long event by the DENR in line with this year's Earth Day celebration themed "Planet versus Plastics." PLASTIKarunungan is a seminar about plastic waste management practices in the government and industry and discussion about research and studies about plastics. Resource speakers from various esteemed companies and organizations were invited to share and discuss their plastic waste management in their respective fields.



SLU SEA and DOE organize 2024 Symposium of Nuclear Energy

08 May 2024

Published in the SLU Website

URL: <u>https://www.slu.edu.ph/2024/05/09/slu-sea-and-doe-organizes-the-2024-</u> <u>symposium-of-nuclear-energy/</u>

To raise awareness on the Nuclear Industry in the Philippines, Saint Louis University's (SLU) School of Architecture and Engineering, in partnership with the Nuclear Energy Program Inter-Agency Committee (NEP-AC) Subcommittee 4- Human Resource Infrastructure from the Department of Energy (DOE), hosted the Nuclear Energy Summit on 8 May 2024 at the Fr. Francis Gevers Hall, Diego Silang Building, SLU Main Campus.



With the theme, "Steering the Academe Towards Careers in Nuclear Industry," SEA faculty and students from the architecture department, as well as the departments of electrical, civil, mechanical, electronics communication, chemical, and industrial engineering and architecture were invited to expand their knowledge on options for their various fields and careers of specialization with the help of DOE officials.

The event featured talks from various government officials and experts on the benefits and potential effects of nuclear energy. The speakers also discussed the government's plans for developing nuclear energy in the Philippines. The symposium aimed to correct misconceptions about nuclear energy and encourage students to consider careers in the nuclear industry. Nuclear energy is a potential tool for mitigating climate change by providing a low-carbon source of energy. The symposium's discussion on the safety and sustainability of nuclear energy can be seen as a contribution to SDG 13, as it aims to address concerns about the environmental impact of nuclear power.





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Published in: SLU SEA Undergraduate Research and Innovation Facebook Page URL: <u>SLU SEA Research - IE</u>

The study contributes significantly to SDG 13 by addressing the challenges of waste management in Baguio City. By analyzing the current waste collection system and identifying its inefficiencies, the research provides valuable improving effectiveness. system's the The insights for study's recommendations, such as optimizing collection routes, implementing proper waste segregation, and promoting recycling and composting, can help reduce waste generation and improve waste disposal practices. By enhancing waste management, the study contributes to a cleaner and healthier environment, reducing pollution and mitigating the impacts of climate change.





AY 2023 - 2024

Published in: SLU SEA Undergraduate Research and Innovation Facebook Page URL: <u>SLU SEA Research - GE</u>

The study contributes significantly to SDG 13 by investigating the impact of urbanization on heat stress in Dagupan City. By analyzing Landsat imagery and identifying urban heat island (UHI) effects, the research provides valuable insights into the relationship between urbanization and extreme heat events. The study's findings can inform urban planning and development strategies, promoting the creation of more sustainable and resilient cities. Additionally, the research can help identify vulnerable communities and inform targeted interventions to mitigate the health risks associated with heat stress, contributing to climate resilience and sustainable development.





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Published in: SLU SEA Undergraduate Research and Innovation Facebook Page URL: <u>SLU SEA Research - ECE</u>

The Single Brand Reverse Vending Machine for Water Bottles (SIBRA RVM) project contributes significantly to SDG 13 by offering an innovative and cost-effective solution to plastic waste management. By employing a single-brand recognition system and integrating a reward mechanism, the RVM incentivizes recycling and promotes a circular economy. The project's success demonstrates the potential of technology to address environmental challenges and highlights the importance of sustainable waste management practices. By providing an affordable and efficient alternative to standard recycling machines, SIBRA RVM can contribute to reducing plastic pollution and promoting a more sustainable future.





AY 2023 - 2024

Published in: SLU SEA Undergraduate Research and Innovation Facebook Page URL: <u>SLU SEA Research - CE</u>

The study contributes significantly to SDG 13 by exploring sustainable construction materials and methods. By utilizing recycled concrete in the foundation design of a warehouse, the research promotes a circular economy and reduces the environmental impact of construction. The study's findings can inform future construction projects and encourage the use of recycled materials, contributing to a more sustainable built environment. Additionally, the research can help mitigate the environmental impacts associated with traditional construction projects, reducing waste and conserving natural resources.





AY 2023 - 2024

Published in: SLU SEA Undergraduate Research and Innovation Facebook Page URL: <u>SLU SEA Research - CE</u>

The study contributes to SDG 13 by proposing a sustainable and resilient construction solution for Baguio City. By utilizing thermally cured pervious concrete for a cantilever retaining wall, the research explores a material that can improve stormwater management and reduce the urban heat island effect. The thermally cured pervious concrete can help mitigate the impacts of climate change, such as flooding and extreme heat, while also enhancing the city's green infrastructure.





AY 2023 - 2024

Published in: SLU SEA Undergraduate Research and Innovation Facebook Page URL: <u>SLU SEA Research - CE</u>

The study contributes significantly to SDG 13 by proposing a sustainable and resilient construction solution for post-earthquake temporary housing. By utilizing precast wall panels made from epoxy resin-infused crumb rubber reinforced with welded wire mesh, the research explores a material that can provide temporary shelter while minimizing waste and promoting a circular economy. The panels offer a durable and cost-effective solution for post-disaster reconstruction, reducing the environmental impact of temporary housing and promoting sustainable recovery efforts. Additionally, the research can inform the development of innovative and sustainable construction technologies for future disaster response.





AY 2023 - 2024

Published in: SLU SEA Undergraduate Research and Innovation Facebook Page URL: <u>SLU SEA Research - CE</u>

The study contributes significantly to SDG 13 by exploring sustainable construction materials and reducing waste. By utilizing charred waste coffee grounds as a fine aggregate in concrete hollow blocks, the research promotes a circular economy and reduces the environmental impact of construction. The study's findings can inform future construction projects and encourage the use of recycled materials, contributing to a more sustainable built environment. Additionally, the research can help mitigate the environmental impacts associated with traditional construction practices, reducing waste and conserving natural resources.





AY 2023 - 2024

Published in: SLU SEA Undergraduate Research and Innovation Facebook Page URL: <u>SLU SEA Research - CE</u>

The study contributes significantly to SDG 13 by exploring sustainable building materials and promoting climate resilience. By analyzing the seismic structural performance of reinforced hollow compressed stabilized earthblocks, the research provides valuable insights into the potential of this material for construction in earthquake-prone regions. The study's findings can inform future building practices and encourage the use of sustainable materials, reducing the environmental impact of construction and promoting disaster resilience. Additionally, the research can help develop more sustainable and affordable housing solutions, particularly in areas vulnerable to natural disasters.



