

AY 2022 - 2023



Saint Louis University Informs and Supports Government



13 CLIMATE
ACTION



SLU SAS and SEA Host Public Lecture on Disaster Studies

02 February 2023

Published in the SLU Website

URL: <https://www.slu.edu.ph/2023/02/02/slu-sas-and-sea-hosts-public-lecture-on-disaster-studies/>

“The Archipelago of Disasters: Research, Responses and More”



The School of Advanced Studies and the School of Engineering and Architecture hosted a public lecture by Professor JC Gaillard on “The Archipelago of Disasters: Research, Responses and More” (Ang Kapuluan at Kalamidad: Pananaliksik, Pagtugon at Iba Pa) in support of achieving the Sustainable Development Goals (SDGs) set forth by Saint Louis University (SLU) through its SDG Center and in partnership with the United Nations Development Program (UNDP).

Professor Gaillard is currently associated with the University of Auckland and the UP Resilience Institute, and his current research interests span in disaster studies, postcolonial studies, Philippine studies, and teaching and learning.

Staff from the Baguio City Disaster Risk Reduction and Management (DRRM), La Trinidad DRRM, Benguet DRRM, Mountain Province DRRM offices, the Department of Social Welfare and Development Cordillera Administrative Region (DSWD CAR) Field Office, the Office of Civil Defense (OCD) CAR, Police Regional Office Cordillera (PRO-COR), Local Government Unit (LGU) Baguio, faculty from SLU and the University of Baguio, and Mountain Province Broadcasting Corporation DZWT attended the seminar.



REVIVE SSMB: Regaining and Enabling Various Institutional Visions for Empowerment of Small - Scale Mining in Benguet

Published in the DOST-CAR Official Facebook Page

URL:

<https://www.facebook.com/dostcar.gov.ph/posts/pfbid04ar5d6mut4j3qVjFPE2isZAfudpxmCQEVap1Dhwx31v6uo7RgtroZHM3eYhX7ucDL>

25 May 2023



DOST - CAR

May 25 · 🌐

Look: DOST-CAR Regional Director Dr. Nancy A. Bantog and ARD Engr. Angel L. Maguen, accompanied by Engr. Melissa May M. Boado, Engr. Maria Corazon D. Ocampo, and other members of the project team from Saint Louis University, along with Mr. Norberto M. Cobaldez of the Benguet Federation of Small-Scale Miners, visited the Community-Led Integrated Non-Mercury Cyanide Gold Extraction Method (CLINN-GEM) Facility in Gumatdang, Itogon, Benguet today, May 25, 2023.

During the visit, the team conducted an equipment assessment and several test runs to evaluate the performance and functionality of the facility. Engr. Noel Imbisan, the former project staff of the CLINN GEM, also provided concise instructional guides and techniques covering the crushing and grinding of ores, concentration, extraction, tailing disposal, and wastewater treatment processes.

This visit is an integral part of the DOST-approved project titled "REVIVE SSMB: Regaining and Enabling Various Institutional Visions for Empowered Small-Scale Mining in Benguet," which was approved in December 2022. Led by Engr. Melissa May M. Boado from Saint Louis University, the project aims to restore the CLINN-GEM facility's functionality and implement comprehensive orientation and training programs for small-scale miners. The project team also includes Engr. Maria Corazon D. Ocampo from Saint Louis University and Mr. Jason Leung from Benguet State University. This collaborative effort holds great promise for driving positive change in the mining sector.

Photos by: Engr. Maria Corazon D. Ocampo

#OneDOST4U #ScienceForThePeople #aghamkordilyera



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2023 CEAP (Catholic Educators Association of the Philippines) JEEPGY Conference

(Justice and Peace/ Ecological Integrity/ Engaged Citizenship/ Poverty Reduction/ Gender Equity/ Youth Empowerment) at the Gever's Hall, Saint Louis University.

19 - 20 April 2023

Theme:

"Moving forward in Synodality to address the Climate Emergency"

URL: <https://www.facebook.com/zwbaguio>



SLU SOL through CJMM-CLAO Goes Green

Published in the SLU Website

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

28 - 30 August 2023

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.



Collaboration with Baguio City Police Office Clean Up Drive

16 September 2023

Published in the Baguio City Police Office Facebook Page at
URL: <https://www.facebook.com/PNPBaguioCPO>



Baguio City Police Office · Follow

September 16 · 🌐

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IN PHOTOS: BAGUIO's FINEST participated in the Clean Up Drive held at Burnham Park, Melvin Jones Grandstand, and Rose Garden, Baguio City.

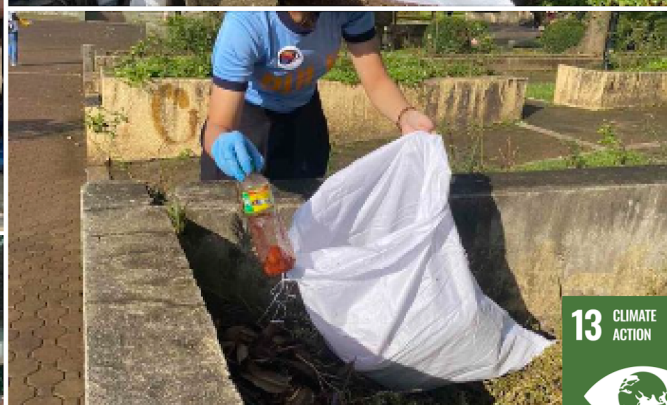
The activity was facilitated by the Junior Chamber International Baguio Sunflower in coordination with the Rotaract Club of Baguio, SLU-School of Medicine, Baguio Kindasan Lions Club, National Commission of Senior Citizen, Pines City Lions Club, Task Group Baguio, and other volunteer groups.

The activity was conducted in observance of the World Clean Up Day with the theme: "Show Up. Team Up. Clean Up." which aims to address the climate crisis and keeping our environment litter-free aligning with the 10-point agenda of BCPO, specifically "ENVIRONMENT POLICE", empowered with the Makakalikasan core value of the PNP.

"Unified Police Service, Humble, Disciplined and Professional."

#SerbisyongNagkakaisa

#ToServeandProtect



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Lecturers from SLU participate in the 3rd Saleng Festival program, on “Eco-consciousness and Technology: Exploring Sustainable Living in the Digital Era.”

11 August 2023

Published in the Baguio City Public Information Office Facebook Page

URL: <https://www.facebook.com/pio.baguio>

 Baguio City Public Information Office
August 11 · 🌐

SHIFT FROM LINEAR TO CIRCULAR ECONOMY AND SUSTAINABILITY ROADMAPS SUPPORTED IN SCHOOLS' ECO-CONSCIOUSNESS LECTURE SERIES

Along with other sectors who support the environment protection programs, the academe was tapped with university students undergoing a half-day lecture and workshop in ecological issues.

The lecture workshop is part of the four-month (June to September) 3rd Saleng Festival program, on “Eco-consciousness and Technology: Exploring Sustainable Living in the Digital Era.”

The city's programs against urban decay, environmental degradation, and climate change were discussed as with Mayor Benjamin Magalong's call for the shift from linear and recycling, to circular economy.

Earlier, the mayor urgently called for a series of consultations for the significant reduction of use of plastic materials and to engage in a circular economy.

In comparison, Linear economy is a user's one-way of consuming goods manufactured from raw materials. Waste materials are produced in this process.

The Recycling type of economy, has a user consume a product yet with the option to recycle by-products before disposed of as waste material. The option of recycling as many times after consumption or use depends on the consumer.

Circular economy advocates a zero-waste process, with the product used or consumed, repaired, re-used and/or recycled before undergoing the process over again.

According to the mayor, sustainable and efficient use and processing of all raw materials is required to protect the environment and counter wastefulness.

Linear, Recycling and Circular Economy is embodied in Republic Act 11898 or An act institutionalizing the extended producer responsibility on plastic packaging waste, amending for this purpose, Republic Act 9003 Otherwise known as the “Ecological Solid Waste Management Act of 2000”.

Circular economy creates value by extending product lifespan through improved design and servicing, and relocating ways through sharing, leasing, reuse, repair, refurbishment and recycling of products to an almost closed loop, from the end back to the beginning.

A roadmap for yearly concerns which are social safety nets are also discussed in the lecture-workshop.



3RD SALENG FESTIVAL PROGRAM ON ECO-CONSCIOUSNESS GOES TO SCHOOLS

Waste recycling, green buildings, pre-building permit, nature-based infra, urban greening, blue-green walks, research and innovation are looked into in the next three years, water treatment, water, and mass transport issues are the concerns in the next 5 years, and renewable energy, land use and land ownership will be the issues in the next 10 years.

Students from the Baguio Central University (BCU) and University of the Philippines Baguio Campus (UPB) have undergone the lecture-workshop last month by environmental information and education campaign (IEC) authorities including City Environment and Parks Management Office (CEPMO) assistant head Engr. Marivic Empizo.

Other lecturers are from the Saint Louis University (SLU), Department of Science and Technology (DOST) and the City Planning Development and Sustainability Office (CPDSO). Non-Government Organizations (NGOs) Zero Waste Baguio, Inc. (ZBWI) represented by Marivic Tenebrancia and the Eco-Waste Coalition were also part of the lecture/workshop. – JGF, with reports from CEPMO



SUSTAINABILITY ROADMAPS SUPPORTED IN SCHOOLS' ECO-CONSCIOUSNESS LECTURE SERIES

Along with other sectors who support the environment protection programs, the academe was tapped with university students undergoing a half-day lecture and workshop in ecological issues.



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ERDB-WWRDEC celebrates Philippine Environment Month through Information Sharing and Fun Activities

27 June 2023

Published in the ERDB DENR Official Website

URL: <https://erdb.denr.gov.ph/erdb-wwrdec-celebrates-philippine-environment-month-with-through-information-sharing-and-fun-activities/>



Republic of the Philippines

Department of Environment and Natural Resources

Ecosystems Research and Development Bureau

INNOVATING FOR SUSTAINABLE ECOSYSTEMS

In celebration of the Philippine Environment Month with the theme “No to Waste: Advancing Circular Economy towards #BeatPlasticPollution,” the Watershed and Water Resources Research Development and Extension Center (WWRDEC) of the Ecosystems Research and Development Bureau (ERDB) conducted an educational event at Loakan Elementary School, Baguio City on June 27, 2023.

WWRDEC, together with six (6) OJT students from Saint Louis University (SLU), Baguio City conducted an interactive session on the importance of reducing plastic wastes and promoting proper waste management with 150 Grade Six students. Arming the students with knowledge on plastic pollution.

Miss Velea Bianca J. Maurera, SLU-Biology Student, OJT student, discussed the seven common types of plastic that they may encounter. Mr. Mark S. Lubera also shared practical tips and strategies to minimize plastic consumption and waste generation, empowering the students to become champions in the fight against plastic pollution.

Educational games were also conducted to ensure an engaging and memorable experience during the session. Furthermore, the DENR advocacy song “Kung Walang Aksaya, Masaya” was danced by the Grade 6 pupils led by the SLU student-interns and Shanum, the WWRDEC mascot. These interactive activities fostered a sense of excitement among the students while instilling the importance of actively combating plastic pollution.

As the Philippine Environment Month celebration ends, the success of this event serves as a reminder that small actions, such as reducing plastic wastes, can have a profound impact on the planet. WWRDEC remains committed to its mission in promoting circular economy applications and safeguarding the environment for generations to come.

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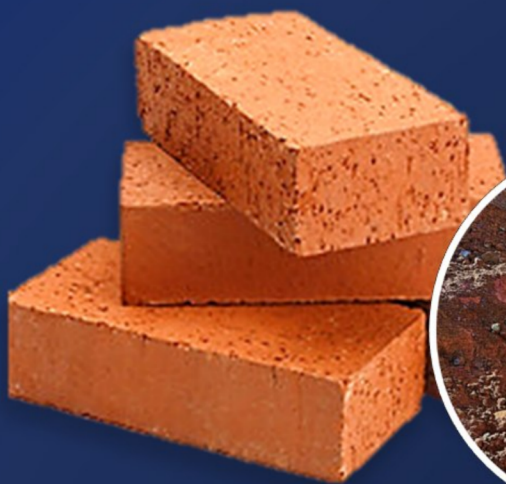
Published in: SLU SEA Undergraduate Research and Innovation Facebook Page

URL: <https://www.facebook.com/profile.php?id=100088695639366>

UTILIZATION OF ZAMBALES LIMONITE AS ALTERNATIVE AGGREGATE FOR SAND IN BRICK PRODUCTION

ENGR. JYRA RANCEL C. BANTA, MS ENE

Maribel A. Arbenio, Ralph Ayk D. Ballagan, Franz P. Camson, Jassen Benjamin D. Caytap, Brynner T. Chalutag, Jerlyn L. Garcia, Liward T. Lumasang, Hannah May B. Rufino, Justin Ybañez



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



13 CLIMATE ACTION



17 PARTNERSHIPS FOR THE GOALS



13 CLIMATE ACTION

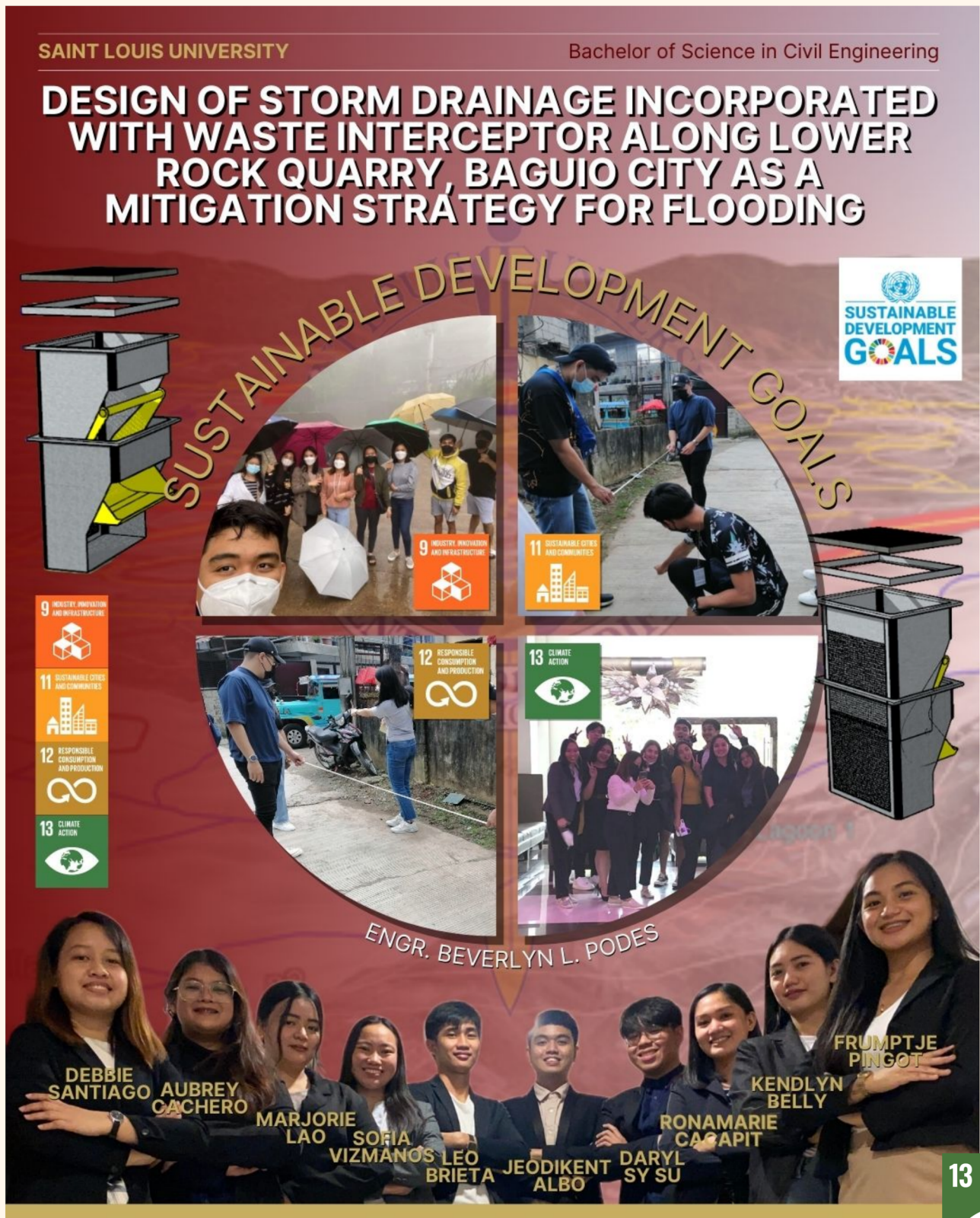


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LIVING ROOFS: AN ENGINEERED APPROACH BRINGING LIFE TO THE ROOFTOP OF THE RESIDENTIAL STRUCTURES

ENGR. SHARON KATHERINE LAZO

DEL MONTE, LYDEE CARMEL G. ,DOMINGUEZ, KAYLA S. ,ESTIMADA,
RODGIN V. ,LANDISAN JEAN NICHOLE B. , PENAFLOR, ALDRIN KYLE N.
,RAMOS, MONINA ALLYSON S. ,TULLAO, RICHELLE F. ,YAMBOT,
LYNETH ALEIA A.



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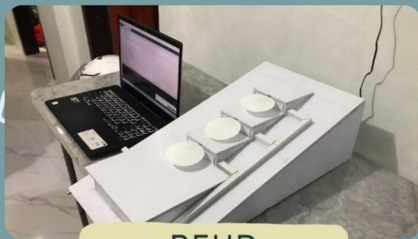
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URL: <https://www.facebook.com/profile.php?id=100088695639366>

STRUCTURAL ASSESSMENT OF A RESIDENTIAL STRUCTURE WITH INTEGRATED RAINFALL ENERGY HARVESTING DEVICE (REHD) AS ADDITIONAL SOURCE OF ELECTRICITY IN FAIRVIEW VILLAGE, BAGUIO CITY

Engr. Marlon D. Dumal-is, MSCE

Rafflesia S. Calse | Jerold Ron A. Cascasio | Judylee M. Castillo
Edel John F. Catatuya | Nikka Gie S. David | Breile Kyree D. Dumalleg
Revin Jay A. Jimenez | Jemimah P. Pating



REHD



TESTING OF
REHD



SITE
INVESTIGATION



AS-BUILT
MODEL



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SAINT LOUIS UNIVERSITY BAGUIO CITY
DEPARTMENT OF GEODETIC AND CIVIL ENGINEERING

Innovative lightweight concrete



Fast and Easy Installation
Installed like LEGO.



Superior Sound Insulation
Gives you quieter space.



Low-Cost
Cut down construction time and save on cost.



Heat-Thermal Insulation
Six cooler than hollow blocks.



Lightweight
Half the weight vs CHB for a safer structure.



Strong and Durable
Suitable even for high-rise interior and exterior walls.



Workable
LITEBLOCK can be cut, sawn, drilled, chiseled and screwed using ordinary handy tools.



Eco-friendly
Berde certified product.

TWICE THE SIZE
and half the weight VS hollow blocks.

TEXTURED SURFACE
readily bonds to regular concrete mortar.

MICRO BUBBLES
provide lightweight and insulating properties.

Reinforced with 500 Mpa TENSION FIBERS.

LITEBLOCK

A Proposed Two-Storey Green Parking Building using Lite Block Wall System besides Baguio City Convention Center

ENGR. JAZEL SANO
JENELLE KRISTINE R. ARELLANO, MNEMOSYNE L. BAAY, CHRICEL MARIE S. BANDONILL, NEMIUS JOSE B. BASALLO, MARY ANGELINE M. GALAPATE, JOHN PAUL L. LAURETA, CKLYFPT CZRR R. MENESES, RYAN CHRIS J. PERALTA, JETRO A. PULLAY

Green Building



Efficient use of energy, water and other resources



Use of renewable energy



Pollution and waste reduction measures



Good indoor environmental air quality



Use of non-toxic, sustainable, & ethical raw materials



Uplifts the health and quality of life of its occupants





7 AFFORDABLE AND CLEAN ENERGY



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



11 SUSTAINABLE CITIES AND COMMUNITIES



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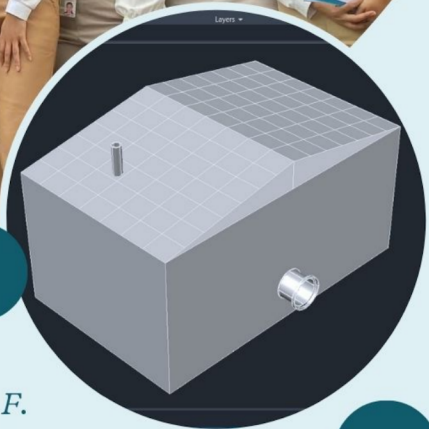
URL: <https://www.facebook.com/profile.php?id=100088695639366>

ANALYSIS AND DESIGN OF RAINWATER HARVESTING SYSTEM THROUGH IMPOUNDING TANK POTENTIAL FOR GROUNDWATER RECHARGE



Engr. Emerson O. Gapuz, MSCE

*Zedrick Lois M. Angud, Syrick Caves B. Banaña,
Polinar J. Batara, Alyssa Dorothy C. Eugenio, Mika F.
Halabaso, Anna Marie U. Isla, Aira Joy B. Tolentino,
Angelina C. Trisinio, Jessabel L. Viernes*



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