

**WASTE ANALYSIS AND CHARACTERIZATION STUDY IN CENTRAL
LUZON STATE UNIVERSITY, SCIENCE CITY OF MUÑOZ,
NUEVA ECIJA, PHILIPPINES**

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An Undergraduate Thesis Submitted to the Faculty of the Department of Environmental
Sciences, College of Arts and Sciences, Central Luzon State University,
Science City of Muñoz, Nueva Ecija, Philippines
in Partial Fulfillment of the Requirements
for the Degree of

**BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE
(Environmental Conservation and Management)**

JUNE 2019

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BIOGRAPHICAL SHEET

Jan Emerson C. Gonzales was born on the 5th day of January, 1998 at the City of Cabanatuan City, Nueva Ecija. He is the youngest child of Mrs. Carolina C. Gonzales and Mr. Roberto G. Gonzales.

He started his academic journey in Cabanatuan City East Central School where he finished his pre-elementary to grade 1 and soon continued his journey in Bongabon Central School (BCS) where he finished his elementary education. During his secondary education, he received his high school diploma on March 2014 in Bongabon National High School (BNHS).

In June 2014, he enrolled in Central Luzon State University for his bachelor's degree in Environmental Science Major in Environmental Conservation and Management.

In his college life, he was able to become part of the founding officer of an organization called CAFES or the CLSU Association of Environmental Scientists.

ACKNOWLEDGMENT

The author would like to express his inmost gratitude to all the people whom helped made this proposal a reality. Foremost, to the Almighty God who blessed the author with faith, strength, and hope all throughout his journey;

special gratitude to Dr. Cesar V. Ortinero, chairman of the Department of Environmental Science, adviser and as a mentor, for his patience, guidance, advices, valuable suggestions and provisions that benefited the author in the completion and success of this study; for the efforts and care given in doing this research, and lastly for giving an endless helped to finish this manuscript;

Dr. Luzviminda S. Quitos, a faculty from the Department of Environmental Science, who also served as the critic and DRC, for her assistance, comments, guidance, and unconditional efforts in reviewing this study;

the CAFES Family Liliane Suarez, Jett Feliciano, Czelina Loren Ilagan, Khryst Celine Vizon, Hosannah Sabio, Hannah Meim, Eddieson Canoza, Christian Dela Cruz who stood by him all throughout his journey, for the support and supplying endless encouragement that fueled the author to finish this study;

his family and to Emerald Alejo for the support and for always believing that she could do great things despite of her limitations and weaknesses; and;

lastly, sincerest gratitude was given to all the people left unmentioned but helped and supported the researcher in any way that they could.

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ABSTRACT

GONZALES, JAN EMERSON C., Department of Environmental Sciences, College of Arts and Sciences, Central Luzon State University, Science City of Muñoz, Nueva Ecija, Philippines, **June 2019, WASTE ANALYSIS AND CHARACTERIZATION STUDY IN CENTRAL LUZON STATE UNIVERSITY, SCIENCE CITY OF MUÑOZ, NUEVA ECIJA, PHILIPPINES**

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Solid waste generation rate is far way increasing and it is drastically affecting the natural environment. The urgency to manage are waste is inevitable as human waste generation and the amount tend to increase as the demand of quality of life also increases. Hence, conducting Waste Analysis and Characterization Study (WACS) has to partake to account and characterize solid wastes from housing units of Central Luzon State University (CLSU), in Science City of Muñoz, Nueva Ecija, Philippines for compliance of the Ecological Solid Waste Management Act of 2000. The result have showed that housing units generates 0.1814 kg/day per capita of waste, of which 83% of the total waste type composition can be dealt for waste reduction, recycling, and composting activities. Compostable materials was the most significant waste found in the housing units. Therefore, composting of organic waste is the best strategy for solid waste management within Central Luzon State University.

Keywords: solid waste, solid waste management, per capita waste generation.

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