

**KNOWLEDGE, ATTITUDE AND PRACTICES OF SELECT  
BARANGAYS IN SAN ISIDRO, NUEVA ECIJA ON R.A 9003:  
ECOLOGICAL SOLID WASTE MANAGEMENT**

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

**BACHELOR OF SCIENCE IN DEVELOPMENT COMMUNICATION**

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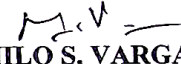
Republic of the Philippines  
**CENTRAL LUZON STATE UNIVERSITY**  
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COLLEGE OF ARTS AND SCIENCES  
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### APPROVAL SHEET

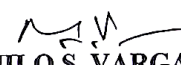
This undergraduate thesis entitled **KNOWLEDGE, ATTITUDE, AND PRACTICES OF SELECT BARANGAYS IN SAN ISIDRO, NUEVA ECIJA ON R.A. 9003: ECOLOGICAL SOLID WASTE MANAGEMENT** prepared, presented and submitted by **DANIELLA MAE T. MARTIN** in partial fulfillment of the requirements for the degree, **BACHELOR OF SCIENCE IN DEVELOPMENT COMMUNICATION**, is hereby approved and accepted.

  
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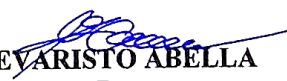
  
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**DANIELLA MAE T. MARTIN**

## **BACKGROUND SKETCH**

The researcher, Daniella Mae T. Martin was born on July 9, 1999 in Poblacion, San Isidro, Nueva Ecija. She is the daughter of Mr. Danilo S. Martin and Mrs. Cynthia T. Martin. She has two siblings, Danica T. Martin her older sister and Danilo T. Martin Jr her younger brother.

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### Bibliography

- Law For Life. (2018). Retrieved May 2, 2018, from Advicenow:  
[www.advicenow.org.uk/articles/how-do-you-disseminate-your-information](http://www.advicenow.org.uk/articles/how-do-you-disseminate-your-information)
- Albert P. Aquino, J. A. (2013). Ecological Solid Waste Management Act: Environmental Protection Through Proper Solid Waste Practices.
- CRUZ, M. C. (2003). Communication And Related Factors Influencing Solid Waste Management Practices In Selected Communities Of The Science City Of Munoz, Nueva Ecija. Science City Of Munoz, Nueva Ecija: Clsu Library.
- DENR, S. R. (2002). An Information Pamphlet on Republic Act 9003: The Ecological Solid Waste Management Act of 2000. MNC Robles Enterprises.
- Diffusion of Innovation Theory. (n.d.). Retrieved 2018, from Communication Theory:  
<https://www.communicationtheory.org/diffusion-of-innovation-theory/>
- Essuman, N. K. (2017). Knowledge, Attitudes and Practices of Coastal Communities on Waste Management in Ghana. Retrieved June 3, 2018, from Novia University of Applied Sciences:  
[https://www.theseus.fi/bitstream/handle/10024/123788/Essuman\\_Nasir.pdf?sequence=1](https://www.theseus.fi/bitstream/handle/10024/123788/Essuman_Nasir.pdf?sequence=1)
- Eveth P. Barloa, L. P. (2016). Journal of Environment and Earth Science . Retrieved June 1, 2018, from Knowledge, Attitudes, and Practices on Solid Waste among Undergraduate Students in a Philippine State :  
<http://www.iiste.org/Journals/index.php/JEES/article/viewFile/31197/32034>
- Leblanc, R. (2017). the balance smb. Retrieved May 2, 2018, from An Introduction to Solid Waste Management: <https://www.thebalancesmb.com/an-introduction-to-solid-waste-management-2878102>
- Monde, M. d. (2011). Strengthening Partnerships, Results, and Innovation in Nutrition Globally. Retrieved June 6, 2018, from usaid from the american people:  
<https://www.spring-nutrition.org/publications/tool-summaries/kap-survey-model-knowledge-attitudes-and-practices>
- OLAR, E. R. (2017). Solid Waste Management And Strategies In The Municipality Of Talavera. Science City Of Munoz, Nueva Ecija: Clsu Library.
- Rui Wang, Y. Y. (2015). National Center for Biotechnology Information. Retrieved June 5, 2018, from International Journal of Environmental Research and Public Health:  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4344696/>

- Shin-Ming Cheng, V. K.-Y.-C. (2013). Diffusion Models for Information Dissemination Dynamics in Wireless Complex Communication Networks. Retrieved 2018, from Journal of Complex Systems:  
<https://www.hindawi.com/journals/jcs/2013/972352/cta/>
- Villanueva, R. (2012). Waste segregation: Mother program of proper waste management . Retrieved May 2018, from Philstar Global:  
<https://www.philstar.com/business/science-and-environment/2012/12/20/887878/waste-segregation-mother-program-proper-waste-management>