

**KNOWLEDGE ABOUT SOLID WASTE AND SOLID WASTE MANAGEMENT
PRACTICES OF HOUSEHOLDS IN DAYOT AND V.L. SUBDIVISION,
LAPAZ, ILOILO CITY**

A SPECIAL PAPER

Presented to

the College of Agriculture, Resources and Environmental Sciences

Central Philippine University

Iloilo City



In Partial Fulfillment

Of the Requirements for the Degree

BACHELOR OF SCIENCE IN ENVIRONMENTAL MANAGEMENT

By

MARK ZEDRICK DEDOROY

APRIL 2019

**KNOWLEDGE ABOUT SOLID WASTE AND SOLID WASTE MANAGEMENT
PRACTICES OF HOUSEHOLDS IN DAYOT AND V.L. SUBDIVISION,
LAPAZ, ILOILO CITY**

MARK ZEDRICK G. DEDOROY

ABSTRACT

This study was conducted to determine the level of knowledge about solid waste and solid waste management practices among households of Dayot and V.L. Subdivision, Iloilo City. The one shot-survey design was used in gathering data from 100 households of the subdivisions using a researcher-made interview schedule. All data were processed and analyzed using the Statistical Package for the Social Sciences (SPSS). Descriptive statistics like frequency and percentage distribution and inferential statistics like Chi-square test was used in data analysis and interpretation. The respondents were females, below 50 years old, college educated, self-employed/housewives, and earned below PhP5, 000. The respondents had high level of knowledge and moderate solid waste management practices. The age, address, status, educational attainment, total household monthly income, and household size had no significant relationship to knowledge about solid waste management, but the occupation and monthly income of the respondents were significantly related. The, age, address, status, educational attainment, occupation, and monthly income, total household monthly income, number of household members had no significant relationship to solid waste management practices. The knowledge about solid waste management was not significantly related to solid waste management practices.

REFERENCES

- Abrematea, N.L. (2012). *Manila bulletin publishing corporation*. Retrieved September 5, 2012 from <http://www.mb.com.ph/>.
- Agwu, M.O. (2012). Issues and challenges of solid waste management practices in Port-Harcourt City, Nigeria. *A behavioural perspective. Department of Business Administration. Wilberforce Island: Nigeria Delta University. P. 24*
- Atienza, V.A. (2004). Enhancing the role of the people's organization, non-government organization, and local government units in solid waste management: Experiences from the Philippines and Japan. *Journal of Asiatic Studies*, 23 (1): 45-53 Retrieved from <https://en.apu.ac.jp/rcaps/uploads/fckeditor/publication/journal/RJAPSV24atienza.pdf>.
- Ballados, M.T. (2010). *Assessing the solid waste management practices in Bacolod City, Philippines* retrieved from <http://www.apjmr.com/wp-content/uploads/2016/11/APJMR-2017.5.1.01.pdf>.
- Bernardo, E.C. (2004). Solid waste management practices of household in Manila, Philippines retrieved from https://www.ncbi.nlm.nih.gov/pubmed/?term=Bernardo%20EC%5BAuthor%5D&cauthor=true&cauthor_uid=18991942.
- Da Zhu, P.U. (2008). Improving municipal solid waste management in India: *A source book for policy makers and practitioners*. Retrieved from http://siteresources.worldbank.org/INTUSWM/Resources/4636171202332338898/SWM_in_India_Sourcebook.pdf.
- Del Mundo, D.M. Rebanco, C.M. & Alaira, S.A. (2001). *Correlation of socio economic status, environmental awareness. Knowledge & perception on solid waste management practices in barangay Talisay and Balibagon, Calatagan Batangas. Pp. 32-40.*
- Duan, H. & Fortner, R.W. (2005). Chinese college students perception about global versus local government issues. *Journal of Environmental Education*, 36(4), 23-32.
- EMB-DENR. (2002). *Solid waste management program. MIMAROPA region* retrieved from <http://emb.gov.ph.solid.waste.management.program.pdf>.pp1-8.
- National Solid Waste Commission. (n.d.). National solid waste commission republic act 9003. *Ecological Solid Waste Management Act of 2000*. Retrieved from <http://www.emb.gov.ph/nswmc>.
- Porter, M.E. & Vander Linde (1995). *The journal of economic perspectives. Vol. 9, No.4 pp. 97-118.*
- Premakura, D.G.J. (2011). *Survey of household solid waste management generational public awareness on separation and composting practices in Cebu City, Philippines*. Retrieved from <http://pub.iges.or.jp>.

- Radford, G. & Turibiom, M.Z. (1996). *Environmental planning and management concerns in the CALABARZON area, Los Banos, Laguna, Philippines*: Delos Reyes Printing Press.
- Ramachandra, T.V. (2009). *Environmental security: human and animal health. Chapter: Integrated management of municipal solid waste*. Pp. 465-484.
- Seminole County Government (2012). Retrieved from <http://www.seminolecountyfl.gov/envsrvs/solidwaste/3rs.aspx>.
- Sumalde, Z.M. (2004). *Cost of implementing solid waste management program by the local government units*. Paper presented at the SWAPP conference. Zamboanga City (presentation, slide 2) retrieved from <http://www.swapp.org/swapp,on/04cost%20of%20sw%20/.eny%>.
- Talonghari, R.V. & Jamias, S.B. (2010). Village level of knowledge, attitude and practices on solid waste management in Sta. Rosa City, Laguna, Philippines. *Journal of Environmental Science and Management* 13(1). Pp. 35-51.
- World Health Organization. (1998). *The world health report life in 21 century-a vision for all*. Geneva p.49.
- Van Lierre K.D., & Dunlap, R.E. (1981). Environmental concern: does it make a difference how it's measured? *Environment and behaviour*, 13, 651-676.
- Medina, M. (1997). The effect of income on municipal solid waste generations' rate for countries of varying levels of economic development: a model. *Journal of Solid Waste Technology and Management*, 24(3), 149-155.
- Sushil (1990). Waste management: A systems perspective. *Industrial Management and Data Systems*, 90(5), 7-66.
- Wilson, D.C.(2006). Directions in waste management- past, present and future. In: *Proc. International Directory of Solid Waste Management*, 27(4), 12-24.