



ECO-CONSCIOUS FUTURES: WHAT FILIPINO GRADE 8 STUDENTS THINK ABOUT CLIMATE CHANGE

Mark Angelo A. Ordonio*, Lea C. Garcia, and Benjie S. Saludes

UP Rural High School, University of the Philippines Los Baños, Laguna,
Philippines

*Corresponding author: maordonio@up.edu.ph

ABSTRACT – Climate change is a critical global challenge, and young learners play a crucial role in future mitigation and adaptation efforts. This study assessed the knowledge, awareness, and attitudes of Grade 8 Filipino students regarding climate change, employing a descriptive correlational research design. A survey was administered to 96 students in a public high school in Region IVA, Philippines, measuring general environmental awareness (GEA), knowledge of climate change (KCC), awareness of climate change (ACC), and attitudes toward climate change (ATCC) on a 4-point Likert scale. Spearman rank correlation tests were conducted to analyze relationships among these variables. Findings revealed that students demonstrated high environmental awareness, particularly regarding issues directly affecting them, such as rising temperatures. However, their knowledge of climate change was inconsistent, and their awareness was influenced more by personal experiences than by a comprehensive scientific understanding. The correlations between GEA and KCC, GEA and ACC, and GEA and ATCC were generally weak to moderate, with only a few significant relationships. This suggests that general environmental awareness does not strongly predict climate change knowledge or attitudes, underscoring the need for targeted climate education. The study emphasizes the importance of integrating digital platforms into climate education to align with students' preferred information sources and enhance their engagement. Strengthening curriculum content on climate mitigation strategies and sustainable practices is also recommended. Educators and policymakers can better equip students for informed climate action by deepening their knowledge and encouraging proactive attitudes.

Keywords: climate change, climate change education, environmental awareness



JOURNAL OF NATURE STUDIES
(formerly Nature's Bulletin)
Online ISSN: 2244-5226

To cite this paper: Ordonio, M.A.A., Garcia, L.C. & Saludes, B.S. 2025. Eco-Conscious Futures: What Filipino Grade 8 Students Think About Climate Change. *Journal of Nature Studies*, 24(1), 40-60.