



Department of Environment and Natural Resources  
ENVIRONMENTAL MANAGEMENT BUREAU  
CALABARZON REGION

# ENVIRONMENTAL AWARENESS FOR STUDENTS AND TEACHERS



## *ENVIRONMENTAL AWARENESS CAMPAIGN of EMB CALABARZON for STUDENTS AND TEACHERS*

DENR - EMB CALABARZON is launching an extensive information campaign on environmental awareness for students and teachers on global problems relating to degradation of our natural resources and pollution. There are different kinds of problems related to environment all around the world and the pollution have increased dramatically. Awareness is essential to solve this problem to motivate our future generation to take the environment related problems as challenge. Although this has to be a collective effort from the elders and parents to infuse knowledge on environmental awareness, the students should be taught to take the initiative to create an environment friendly atmosphere in their surroundings and neighbourhood.

The campaign focuses on current environment issues such as Climate Change and Solid Waste Management, and mainly collaborating with educational institutions within CALABARZON Region.

In line with the *Environmental Awareness Campaign of EMB CALABARZON for Students and Teachers*, official IEC materials have been released to be distributed to support this campaign, as the need to spread the environmental awareness among the student and teacher community should be driven strongly to prepare and provide them with the skills needed for a sustainable and productive future.


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*Environmental Awareness for Students*



**Environmental Education** is a learning process that increase one's knowledge and awareness about the environment and associated challenges, develops the necessary skills and expertise to address the challenges, and fosters attitude, motivation and commitment to make informed decisions and take responsible action. (UNESCO). With this declaration, environmental awareness is seen as a life-long process that is interdisciplinary and holistic in nature and application. It concerns the interrelationship between human and natural system and encourages the development of an environmental ethic, awareness, understanding of environmental problems, development of critical thinking and problem solving skills. It not only implies knowledge about environment but also values and necessary skills to solve environmental problems.



**ENVIRONMENT**

Environment is the sum total of all conditions and influences of the development of the life of humans, living and other organisms. It includes air, water, land. Appreciating the interrelationship that exists between these and human beings, other living organisms, plants, microorganisms and property. The word environment includes the conditions or influences under which any organism or thing exists, lives or develops. All these may be placed into three divisions such as the set of physical conditions affecting and influencing the growth and development of an individual and community; the social and cultural conditions affecting the nature of an individual or community; and the surroundings of an individual or community. Therefore, environment includes all the conditions, circumstances and influences surrounding and affecting an organism or a group of organisms (Lynch and 1990).



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**RA 9729 or the Climate Change Act**



**Global warming: Causes and effects**



**What is Climate Change**

Climate change refers to a change of climate that is attributed directly or indirectly to human activity that alters the composition of the global atmosphere and that is in addition to natural climate variability observed over comparable time periods. The greenhouse content of the atmosphere is being altered by human activity. The result of this is global warming.

**RA 9003 or The Ecological Solid Waste Management Act of 2000**

**LET'S SEGREGATE OUR WASTES**

Waste segregation is separating trash to non-recyclable, biodegradable, and recyclable groups. The biodegradable wastes are those that can be broken down easily by bacteria like fruits and vegetables. Recyclable materials are those that can be reused like paper and metal. Non-biodegradable wastes needed to be dumped on a landfill like plastics, clothing, styrofoam and wrappers.

Segregation of wastes is prescribed under the Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000, which provides the legal framework for the country's systematic, comprehensive, and ecological solid waste management program that shall ensure protection of public health and the environment. It emphasizes the need to create the necessary mechanisms and incentives to pursue an effective solid waste management.



**What are the effects of Climate Change**

- A. Food Security - Low crop yield due drought because of El Niño and La Niña Phenomenon
- B. Human Security - Population displacement and increasingly frequent zoonotic diseases
- C. Health - New and widespread diseases because of warm climate

*Keep the Earth Clean*



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