



# UP MANILA'S COMMITMENT TO CLIMATE ACTION

In a continued effort of the private and government institutions, as well as Higher Education Institutions (HEIs), to address the climate change crisis in every society, the country, and most especially our community, the University of the Philippines Manila is also in action to lower its carbon use and educate not only its constituents but also the surrounding communities that may also help in putting this effort into action and motion.





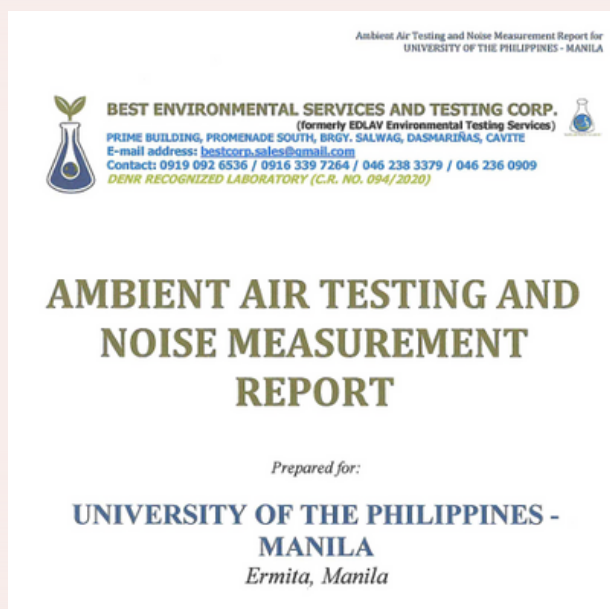


## LOW CARBON ENERGY USE

The University of the Philippines Manila initiated a project with the help of Best Environmental Services and Testing Corp. to assess the sources of greenhouse gas (GHG) emissions within the university premises, as part of its efforts to evaluate its environmental impact. Within its scope is to check for direct and indirect GHG emissions of the university.



On March 2, 2022, an environmental sampling was carried out in four locations within UP Manila, yielding results that indicate the presence of particulate matter such as carbon monoxide, nitrogen oxides, and Total Suspended Particulate (TSP), all of which can contribute to pollution. In light of these findings, UP Manila has the right data that can help address the issue and enable it to act to lessen GHG emissions on the campus, as well as mitigate and lessen the presence of particulate matter within the university.





In November 2022, UP Manila implemented a project for renewable energy by installing solar panels at the Henry Sy, Sr. Medical Sciences Building. These solar panels cover an area of 554 square meters. They are estimated to produce an annual savings of 650,000 PHP in electricity charges, which can also help lower the university's electric bill, and the overall carbon footprint and GHG emission of the campus.







# LOCAL EDUCATION PROGRAMS ON CLIMATE CHANGE (LOCAL EDUCATION PROGRAMS THAT TACKLE CAMPAIGNS ON CLIMATE CHANGE RISK, ITS IMPACT, MITIGATION, AND ADAPTATION, IMPACT REDUCTION, AND EARLY WARNING)

The University of the Philippines Manila Disaster Risk Reduction and Management in Health Office (UP Manila DRRM-H Office) conducted a three-day Mass Casualty Incident and Triage Training on July 11 to 13, 2023.

The training program engages the participants through case-scenario-based exercises which aim to teach them the concepts and purposes of triage as well as the utilization of various triage system algorithms during mass casualty incidents. It also aims to equip participants with the competence in triaging with advanced knowledge, skills, and attitude in applying disaster triage systems to accurately assign victims to appropriate triage categories.



UP MANILA DISASTER RISK REDUCTION MANAGEMENT IN HEALTH OFFICE





The UP Manila DRRM-H Office conducted a two-day Basic Emergency Response Team Simulation Training on July 26 and 27, 2023.

The session, which teaches the participants basic emergency response team simulation, aims to tackle command, communication, and collaboration during emergencies through lectures and simulation-based training exercises.



UP MANILA DISASTER RISK REDUCTION MANAGEMENT IN HEALTH OFFICE







## CLIMATE ACTION PLAN

The Land Use Development and Infrastructure Plan (LUDIP) is the detailed action plan of the university in the development of infrastructure within the campus. It is a comprehensive plan that effectively allocates, utilizes, develops, and manages available land and water resources. The plan highlights and promotes environmentally sustainable and green architecture design which aims at reducing the negative impacts of the construction of buildings on the natural environment while promoting the comfort, safety, and well-being of its community.

Under Republic Act No. 11285, referred to as the Energy Efficiency and Conservation Act, and under the guidelines established by the Department of Energy, UP Manila has implemented a policy (CCDP Memo 2022-304: Energy Efficiency and Conservation Measures) to improve energy efficiency and minimize overall energy consumption throughout the campus. This initiative highlights the university's effort and dedication to sustainable practices and accountable energy management.





# CO-OPERATIVE PLANNING FOR CLIMATE CHANGE DISASTERS

During a recent visit, members of the Philippine Coast Guard (PCG) received an orientation at the University of the Philippines Manila Disaster Risk Reduction and Management in Health Office (UP Manila DRRM-H Office). Dr. Carlos Primero D. Gundran introduced the PCG members to the center's history, services, and future plans. The visit included a comprehensive tour of the Center, providing the PCG members with an opportunity to experience the virtual reality equipment utilized for disaster preparedness training.

The UP Manila DRRM-H Office, in collaboration with other national government agencies, is dedicated to enhancing disaster risk reduction and management in the health sector in the Philippines through its training, research, and consultancy services.







Representatives from the Department of Environment and Natural Resources (DENR) Central Office services, bureaus, attached agencies, and members of the DENR Disaster Response Team participated in the simulation training on the identification of duties and responsibilities of the DENR Central Office services, bureaus, and attached agencies during an earthquake.

This aims (1) to ensure that DENR Central Office services, bureaus, attached agencies, and members of the DENR Disaster Response Team are knowledgeable of their roles and responsibilities during an earthquake; and (2) to develop their skills.





## INFORM AND SUPPORT LOCAL OR REGIONAL GOVERNMENT IN LOCAL CLIMATE CHANGE DISASTER OR RISK EARLY WARNING AND MONITORING

Through the collaboration between UP Manila and DOST-PCHRD, UP Manila has showcased and disseminated three (3) research projects through the University of the Philippines Manila Disaster Risk Reduction and Management in Health Office (UP Manila DRRM-H Office).

These projects are centered on enhancing health resilience and disaster risk reduction response, as well as identifying existing practices and gaps in disaster response. The aim is to align disaster risk reduction management with health innovations to increase public utilization and enhance technological capabilities for disaster preparedness.







# COLLABORATION WITH NON-GOVERNMENT ORGANIZATIONS (NGOs) ON CLIMATE ADAPTATION

In November 2022, UP Manila signed a memorandum of understanding with the Global Green and Healthy Hospitals (GGHH) Network. This partnership with GGHH aims to heighten public awareness of climate change as a public health issue; engage stakeholders in research, public service, communication, and advocacy strategies to affect policy changes that will improve health and climate action in the country; and systematically promote public health by developing climate and health-themed programs which will be integrated into the curriculum.

