



AREA DENIAL

A satellite view of Earth at night, showing city lights and cloud patterns. A white horizontal line with vertical end caps spans across the middle of the image, positioned below the title.

– tactic that prevents passage
to severely restrict, slow
down, or endanger the
opponent (the virus)

A red prohibition symbol (a circle with a diagonal slash) is overlaid on a stylized DNA double helix structure at the bottom of the slide.

An aerial satellite map of the Philippines, specifically focusing on the Luzon island. The map shows various cities and regions. Three cities are highlighted with colored, semi-transparent circular areas and a corresponding colored cone pointing to them: Manila (blue), Quezon City (red), and Mandaluyong (purple). The text 'PROJECT 8' and 'PROJECT 6' are visible near the Quezon City area. A large green text box with a yellow border is overlaid on the lower-left portion of the map. The text inside the box reads: 'We are building a website that predicts the risk of acquiring COVID-19 in a city'. The map includes labels for numerous cities and regions, such as Capas, Tarlac City, Malolos, Bulacan, Navotas, Tondo, Intramuros, Manila, San Miguel, Paco, Santa Mesa, Sampaloc, Valenzuela, Marilao, Bocaue, Baliuag, Candaba, Zaragoza, Cabiao, Jaen, Science City of Muñoz, Cabanatuan City, San Rafael, San Ildefonso, Angat, Rizal, Caloocan, NOVALICHES, Quezon City, Diliman, CUBAO, San Juan, Mandaluyong, Makati, Pasay, and others.

**We are building a website
that predicts the risk of
acquiring COVID-19 in a city**

By inputting atmospheric
and epidemiologic data...



COVID-19 Cases



Temperature



Humidity



PM10



NO₂



We can make predictions on
how much risk an
individual may be infected
with COVID-19,
in a specified city at a given
time

Early version of the COVID – 19 risk prediction web page

Project AD (Area Denial) by Phi-6 [Home](#) [About](#) [Members](#) [References](#)

Is it safe at the city of...

MANILA ▾

???

Enter environmental factors.

Temperature in C

Example value: 27

Relative Humidity

Example value: 72

PM10 in $\mu\text{g}/\text{m}^3$

Example value: 20

NO2 in ppm

Example value: 4.2

Submit

Guide for...

- Local government officials in restricting or allowing access to their city.
- National government in allocating healthcare resources.

Private citizens can also use this site, especially for employees who commute daily into and out of Metro Manila cities.



Thank you!!!