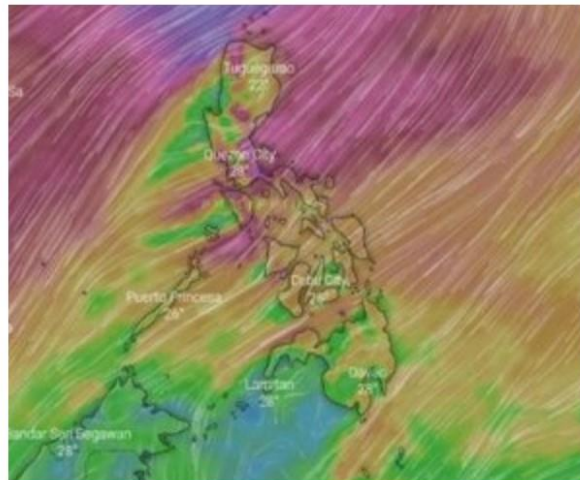


OCTA RESEARCH SHOULD BASE THEIR INFORMATION TO THE PUBLIC ON THE SCIENCE OF ENVIRONMENT JUST LIKE PAG-ASA WEATHER PUBLIC INFORMATION INSTEAD OF USING THE EXCEL MICROSOFT.

Last November, 2021 I wrote in engineerspointofview.com: “Following Shelford principle these viruses will seek its optimum population size up to its optimum range (Environmental State). **The remaining months of the year, the Philippines will experience the effects of low temperature environment and series of spikes in infection rates could continue up to early February. Looking at Chart 1.0 and Chart 2.0 (refer to engineerspointofview.com) the infection rate today is at a pre-period when the infection rate suddenly spiked to 5000 infections per day in August 2020. This means by December the Covid-19 virus will spread rapidly when high temperature stress restriction is reduced, to allow the virus to spread freely into the new low temperature environment”.**



“Amihan” Cold Front Dated January 27, 2021

Today we are experiencing a natural process in our environment. This process is part the ecological relationship between the microorganism (viruses) and the abiotic environment i.e temperature, humidity, and others. The “amihan” that brings to the Philippines the cold front came in February resulted to the rapid re-production the virus population. This natural process is now happening as a “surge” in Covid-19 after a period of ecological activity between the microorganisms. (Term microorganism includes both virus and human being). My indicative infection rate is about 5,000 persons per day.

I recommended in early January 2021: **“I would suggest that the government should impose strict implementation of social distancing, wearing mask and handwashing thru the months of December 2020, January 2021 up to mid-February. Also, the government should improve the public health system like having more ICU rooms available during these months. Mountainous communities should be closely monitored”.**

“Lately, the Philippines is experiencing an average infection rate of 2,000 persons daily at an average ambient outdoor temperature of 20 degrees Centigrade. The summer months starting the middle of March up to the middle of June 2021 the Philippines will experience temperature range between 24 degrees Centigrade and 34 degrees Centigrade. At this hot tropical environment **Covid-19 will live under the zone of stress where it cannot multiply despite of the environment’s susceptibility to accept and spread the virus** due to its (Covid-19) “lack of supply” or absence in the environment. The ambient temperature controls the propagation and multiplication of microorganism in a hot humid environment”.

“It is expected that this coming summer in 2021 Covid-19 infection will ‘drastically’ drop to two-digit figure if the people will maintain the same protocol we are doing today. It is during this time that the Philippines can open to MGCQ. To be able to overcome the spread of virus the government should address the public transportation and dis-infecting public spaces”.

I would suggest that to prevent misinformation, influencers like OCTA Research base their information on the science of environment. Covid-19 is a creation of an environment where we live. We cannot just analyze mathematical data and make a projection using EXCEL to achieve mathematical values then present it to media and public. It does not help in controlling the environmental virus. I would compare my statement to Pag-asa Weather prediction. It is based on the science of environment.