



Conference Abstract

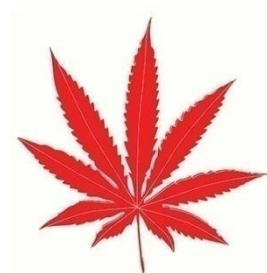
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A Response to COVID-19

International Conference of Pharmaceutical and Medical Sciences

September 1-3, 2020 (Tuesday - Thursday)

Faculty of Pharmacy For Girls - Al Azhar University, Cairo, Egypt.



Conference Abstract

MODELING THE IMPACT OF METEOROLOGICAL FACTORS ON COVID-19 SPREAD AND TRANSMISSION IN EGYPT

Gamal El Afandi

Menoufia University at Egypt Gamal Abd El-Nasir, Qism Shebeen El-Kom, Shibin el Kom, Menofia Governorate 6131567, Egypt

Corresponding author:

Gamal El Afandi Menoufia University at Egypt Gamal Abd El-Nasir, Qism Shebeen El-Kom, Shibin el Kom, Menofia Governorate 6131567, Egypt
E: gamalafandy@yahoo.com

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The authors declare no competing interest's

ABSTRACT

On March 2020, the World Health Organization (WHO) has declared the novel coronavirus (COVID-19) as a pandemic. Since this time, the spread and transmission of this virus is a very high and quick movement across the world. Weather conditions play an important role in the spread of different diseases especially the one related to viruses. This research is trying to develop a model to predict the transmission of COVID-19 with different weather conditions across Egypt. Many statistical calculations and datasets will be used to build and investigate that relation. In this regard, different meteorological parameters (wind speed and direction, relative humidity, maximum temperature, minimum temperature, and dewpoint temperature) and the 2019 Novel Coronavirus outbreak data will be downloaded from NASA and WHO websites

Speaker's Biography

Dr. Gamal El Afandi got his bachelor's degree of Sciences from Menoufia University at Egypt where he majored in Physics. Dr. El Afandi got his master's degree of Sciences (M.Sc.) in meteorology from Cairo University, Egypt. In addition, he received his Ph.D. jointly between Cairo University in Egypt and the University of Gottingen in Germany, with specialization in climate change impacts on crop productivity. He participated in several local, regional, and international research projects. In addition, he published many research papers in different peerreviewed journals. He was a supervisor on many M.Sc. and Ph.D. students at the Egyptian Universities and Tuskegee University, Alabama USA.

Additional information is available
at the end of the article.

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