

Literature Paper-2

A drone-based network system and methods for combating coronavirus disease pandemic.

Summary

Coronavirus disease (COVID-19) is an infectious disease caused by a newly discovered coronavirus. It is similar to influenza viruses and raises concerns through alarming level of spread and severity resulting in an ongoing pandemic worldwide. Within eight months, it infected 240 million person worldwide and over 824 thousand have died. Drone or unmanned Aerial Vehicles are very helpful in handling the COVID-19 pandemic. This work investigates the drone based system, COVID-19 pandemic situation and propose an architecture for handling pandemic situations in different scenarios using real time and simulation based scenarios. The proposed architecture uses variable sensors to record the

The observation is Body Area Network in a push-pull data fetching mechanism. The proposed architecture is found to be useful in remote and highly congested pandemic areas where either wireless or Internet connectivity is a major issue or taking appropriate action is required. This literature paper is related to our project "social distance monitoring system for COVID-19".