

## IMPACT OF SAR-COV2 ON THE DEVELOPMENT OF ADVANCED TECHNOLOGIES - GLOBAL TRENDS

*Major General Valentin BECHERU, PhD\**  
*Lieutenant Valeria LINCĂ\*\**  
*Andreea STEGARU\*\*\**

**Abstract:** *The COVID-19 pandemic creates major pressure on the global economy, but also helps accelerate the development and commercialization of several emerging technologies such as drones, robots, telemedicine, virtual reality, 5G technology. The new coronavirus is producing a number of effects on the world that will be deeply felt and will bring about a number of changes needed to stimulate adaptation to everyday reality and progress in key areas.*

**Keywords:** *pandemic; technology; drones; robots; 5G; development.*

The global COVID-19 pandemic has forever changed our experiences—as customers, employees, citizens, humans— and, as a result, our attitudes and behaviors are changing. The crisis is fundamentally changing how and what consumers buy and is accelerating immense structural changes in different branches of industry<sup>1</sup>. Aside from the obvious impacts on human health, the COVID-19 pandemic has also greatly impacted the global economy, negatively affecting industries such as the global financial sector, sports, and tourism. An increasing share of people worldwide believe COVID-19 poses a very high or high level of threat to their country and a growing percentage of people fear the outbreak will personally impact them financially. The impact of the pandemic on the global economy has already begun to show, however the true consequences

---

\* Member of the Romanian Academy of Science, vbecheru@mapn.ro

\*\* Ofițer de comunicații și informatică în Comandamentul Comunicațiilor și Informaticii, lincageorgiana@yahoo.com.

\*\*\* Inginer în Comandamentul Comunicațiilor și Informaticii, stegaru.andreea96@yahoo.com

<sup>1</sup><https://www.statista.com/topics/5994/the-coronavirus-disease-covid-19-outbreak/>, accessed on 11.04.2020.