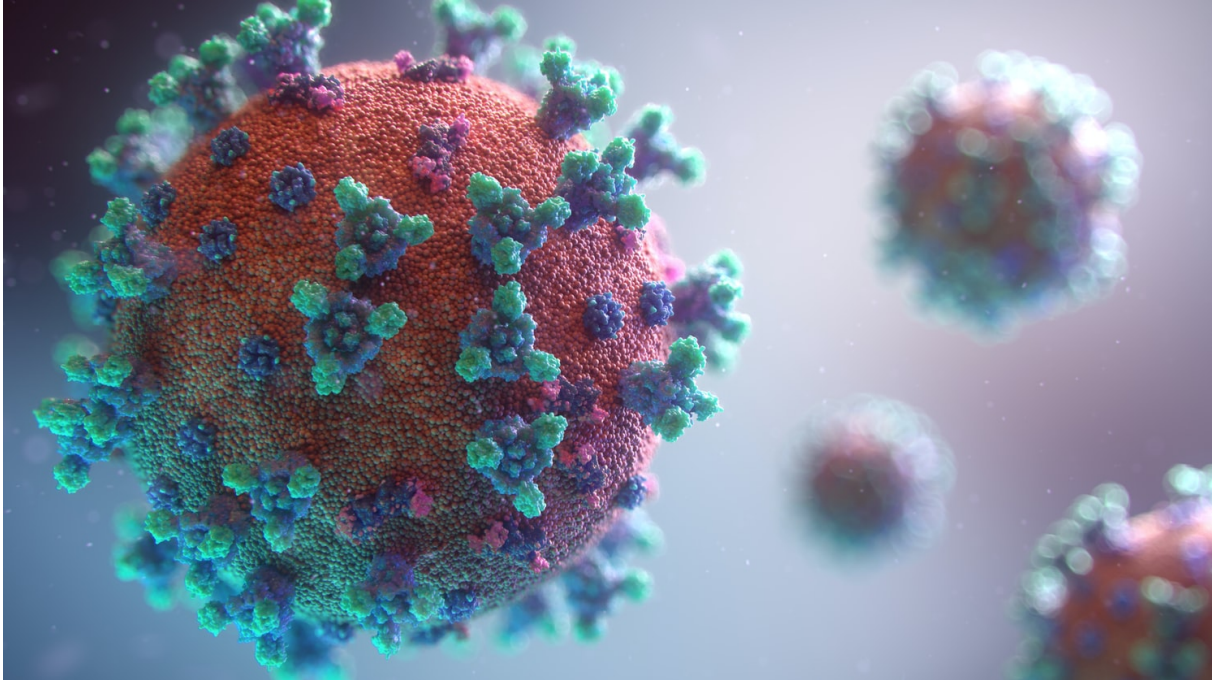


# Copernicus Hackathon Sweden

## COVID – 19 Thematic Challenge



### **Introduction**

The COVID-19 virus is testing countries all around the globe. It has disrupted daily life as we know it and has become one of the biggest crises of our lifetime. The world is facing many challenges as various countries strive to regain a level of normalcy.

From societal problems to the impact on the economy, even when the spread of this infectious disease has been halted, the crisis is far from over. There is no better time than now to focus our efforts on addressing the inevitable changes that will lead us into a post-pandemic world!

### **The challenge**

This is an open challenge. The mission is to develop an application that can help monitor or alleviate the changes caused by the global pandemic. Participants are encouraged to develop innovative solutions that address any aspect of the pandemic.

Potential solutions can focus on health-related, economic, or societal impacts of the crisis. For example:

- Tracking the movement of people and analyzing the spread of the disease using GNSS and other data.
- Using satellite images of pollution levels or other indicators to help analyze economic activity, infection levels, or other problems.

**Data and Computing infrastructure**

Participants are encouraged use any satellite image data available via ONDA DIAS as well as any additional data they deem necessary. Participants are also encouraged to participate in pre-event webinars to further educate themselves on how the data can be utilized.