COVID-19 and the use of Geographical Information Systems (GIS)

This report will look to see how the world is using GIS to help stop the spread of COVID-19 and to manage the areas of high risk with more numbers of cases. Here within the UK, and specifically Wales there were a lot of areas affected by the virus significantly, when looking at the cases, and the total per 100k of population, the Valley’s areas were getting a lot of cases.

*This report will use the words covid and COVID-19 interchangeably.*

# 1 – Geographic Information Systems (GIS)

Geographic information system is used to gather, manage, and analyse spatial data (ESRI 2021) and has been used in many ways. A few examples are as follows:

* Tracking hurricane and cyclone activity.
* Analysing crime patterns within areas.
* Looking at changes to roads and city planning.
* Understanding trends within a spreadsheet.
* Can be used to perform flood warnings.

# X - References

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