

Comparison of Air Quality in 2019 and 2020 in the Campuses of the University of the Basque Country

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Abstract : The purpose of this research work is to study the emissions of certain substances that contribute to air pollution and, as far as possible, to try to eliminate or reduce them, to avoid damage to both health and the environment. This work focuses on analyzing and comparing air quality in 2019 and 2020 in the Autonomous Community of the Basque Country, especially near the UPV/EHU campuses. We use Geostatistics to develop a spatial model and to analyse the levels of pollutants in those areas where the scope of the monitoring stations is limited. Finally, different more sustainable transport alternatives for users have been proposed.

Keywords : air quality, pollutants, monitoring stations, environment, geostatistics

Conference Title : ICEESD 2021 : International Conference on Environmental Engineering and Sustainability Dynamics

Conference Location : Istanbul, Türkiye

Conference Dates : November 08-09, 2021