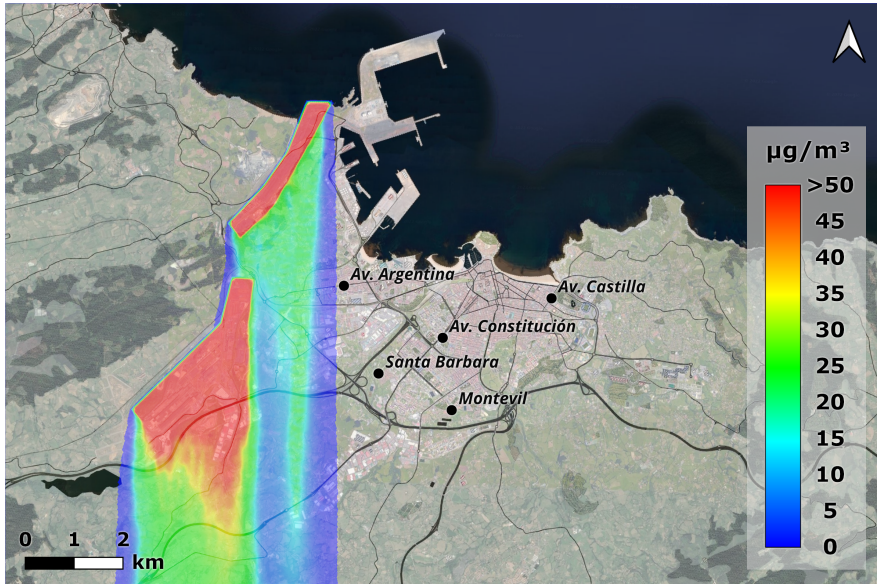
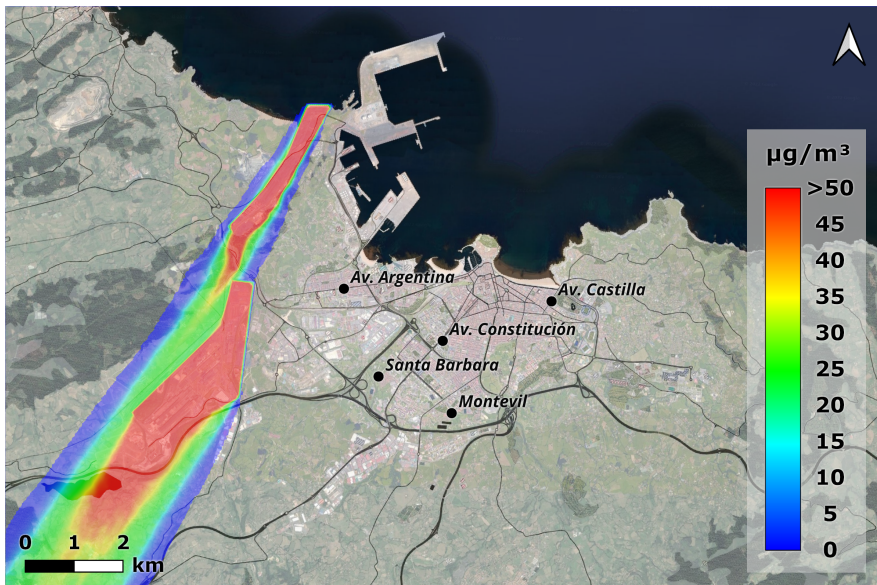


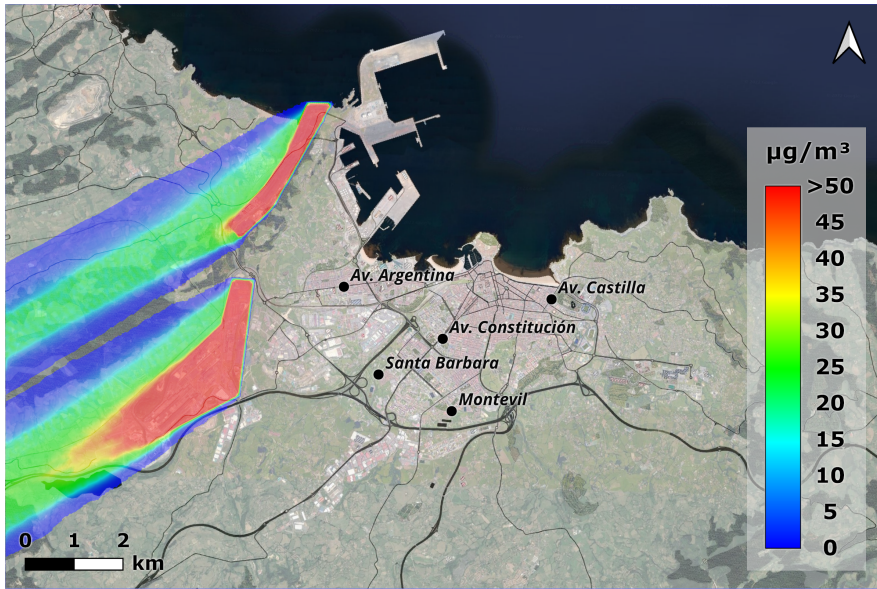
SUPPLEMENTARY MATERIAL: COMPLETE LIST OF SIMULATIONS



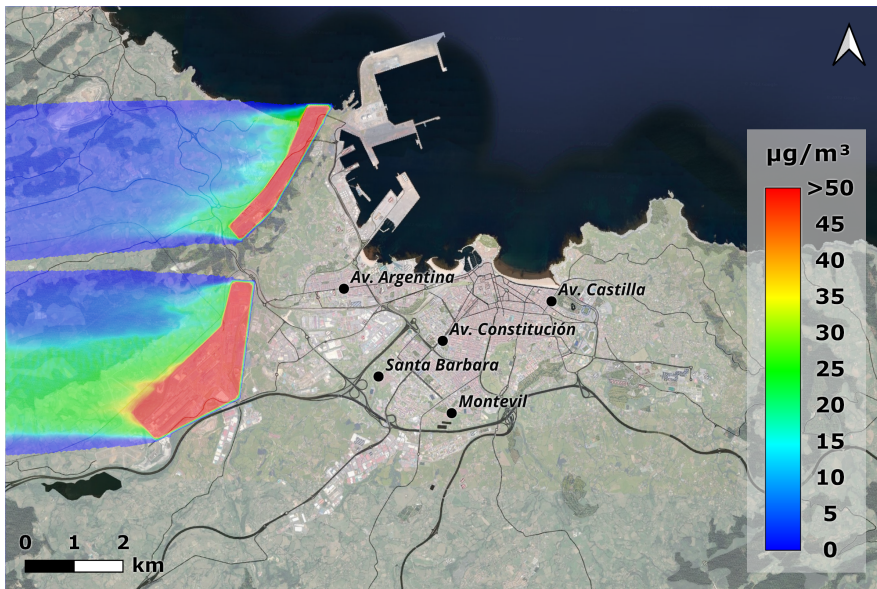
Case 1: PM₁₀ dispersion for North wind (0°) at annual average speed of 1.79 m/s (ANSYS Fluent 19.2 (2019) & QGIS 3.28).



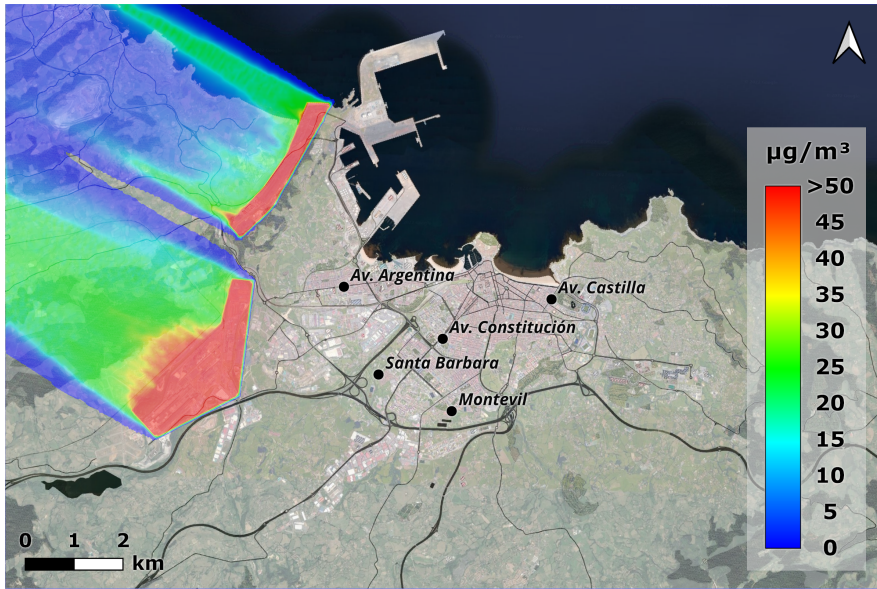
Case 2: PM₁₀ dispersion for North-Northeast wind (30°) at annual average speed of 2.00 m/s (ANSYS Fluent 19.2 (2019) & QGIS 3.28).



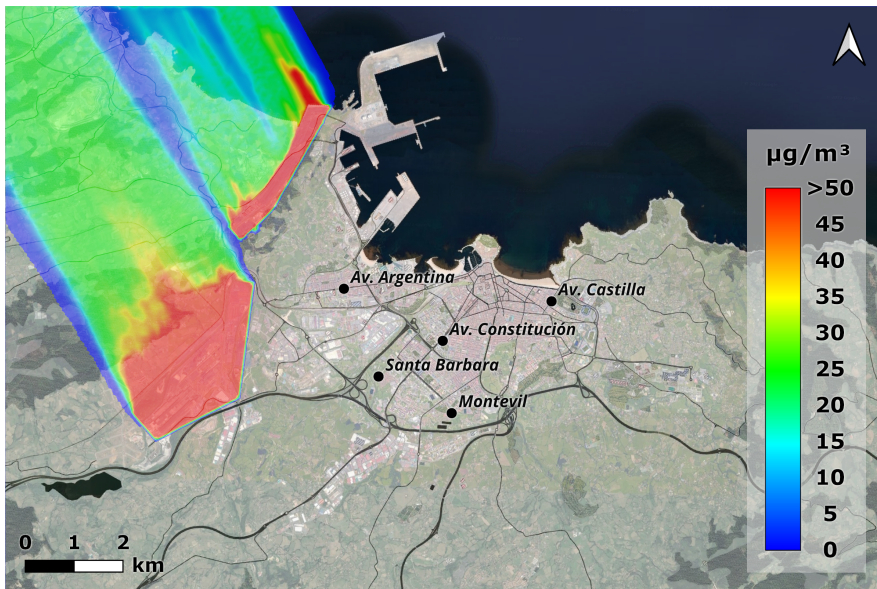
Case 3: PM₁₀ dispersion for East-Northeast wind (60°) at annual average speed of 2.21 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



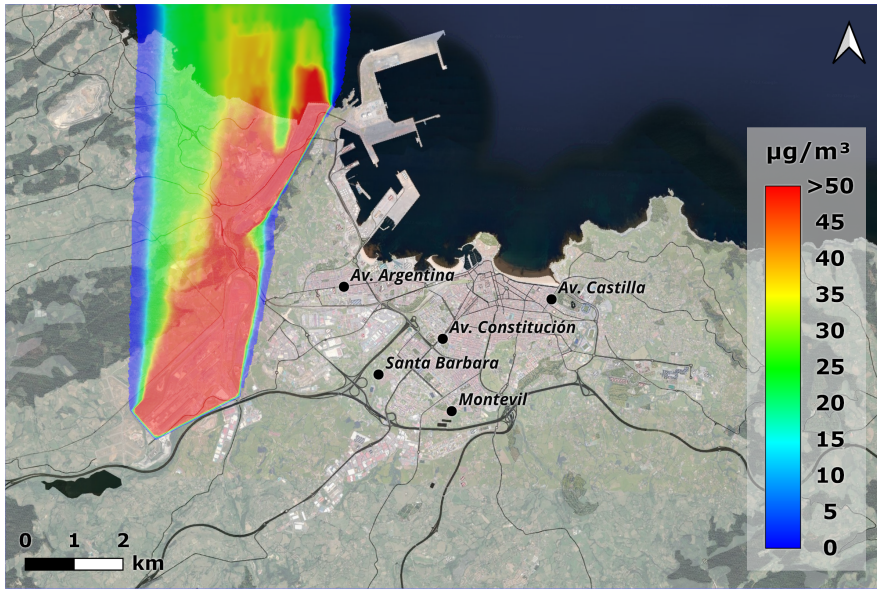
Case 4: PM₁₀ dispersion for East wind (90°) at annual average speed of 2.75 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



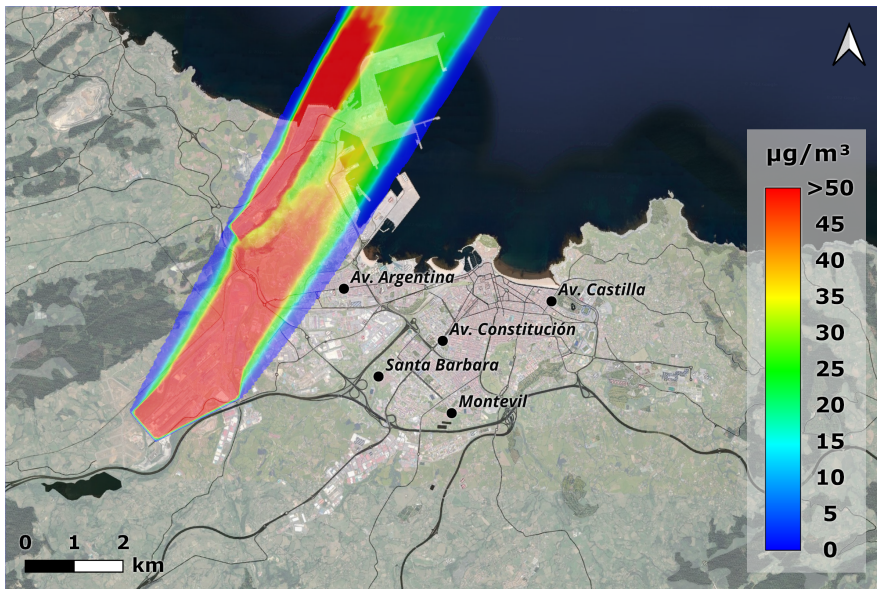
Case 5: PM₁₀ dispersion for East-Southeast wind (120°) at annual average speed of 2.08 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



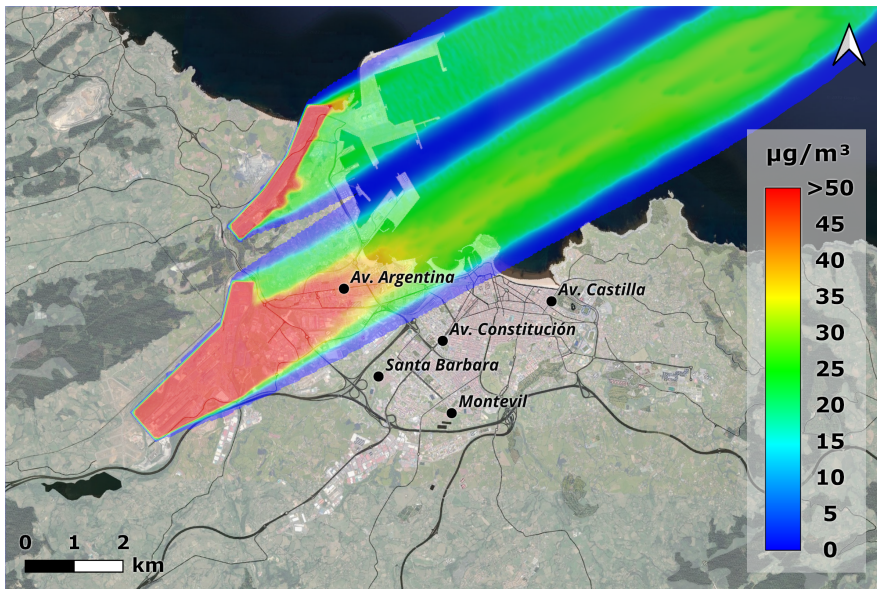
Case 6: PM₁₀ dispersion for South-Southeast wind (150°) at annual average speed of 1.36 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



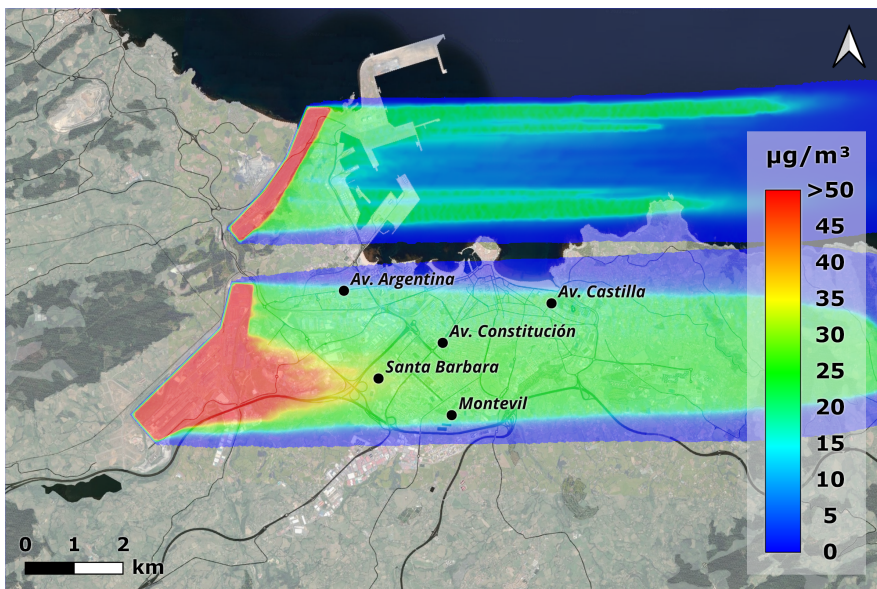
Case 7: PM₁₀ dispersion for South wind (180°) at annual average speed of 1.35 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



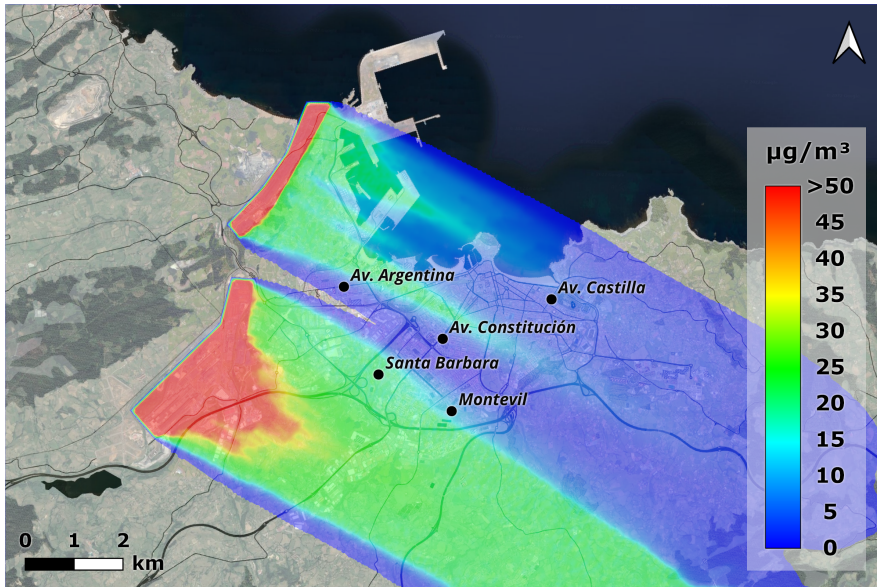
Case 8: PM₁₀ dispersion for South-Southwest wind (210°) at annual average speed of 1.66 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



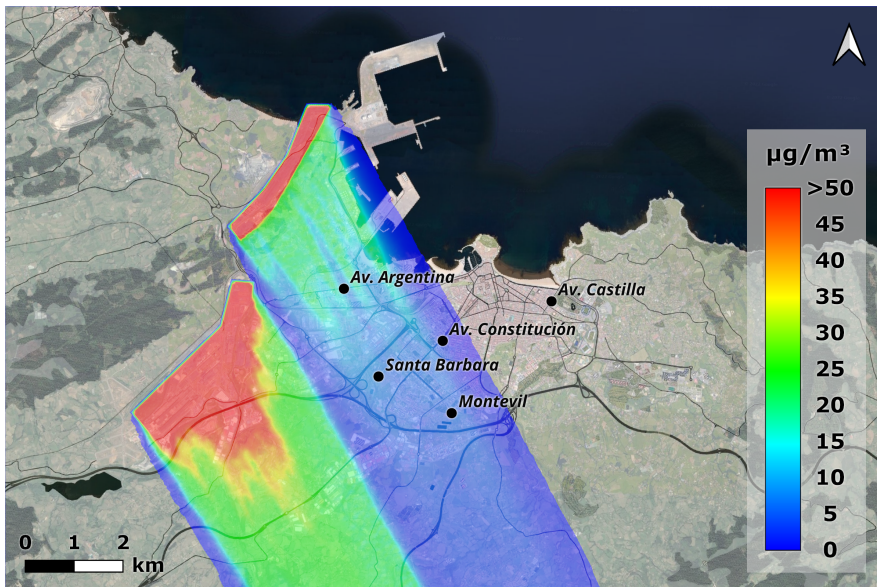
Case 9: PM₁₀ dispersion for West-Southwest wind (240°) at annual average speed of 1.55 m/s (ANSYS Fluent 19.2 (2019) & QGIS 3.28).



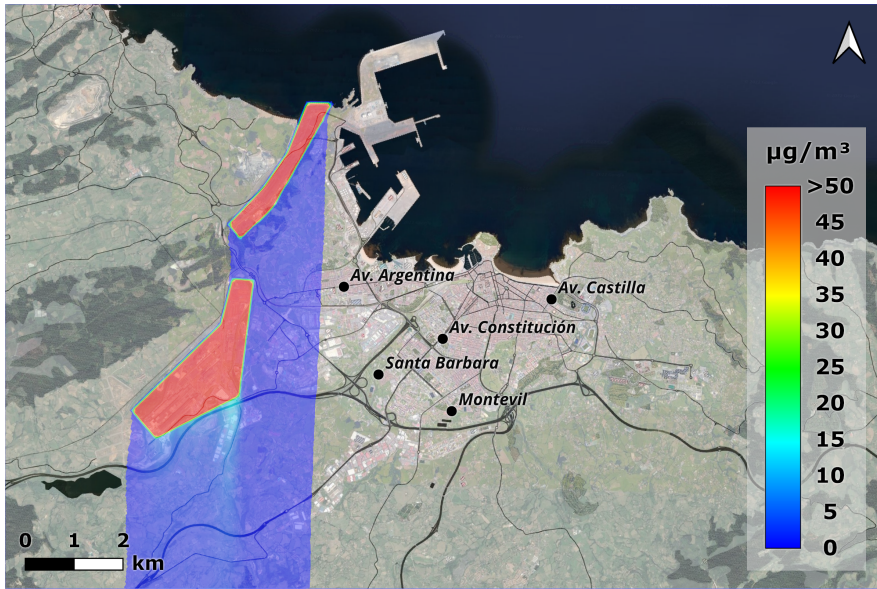
Case 10: PM₁₀ dispersion for West wind (270°) at annual average speed of 1.54 m/s (ANSYS Fluent 19.2 (2019) & QGIS 3.28).



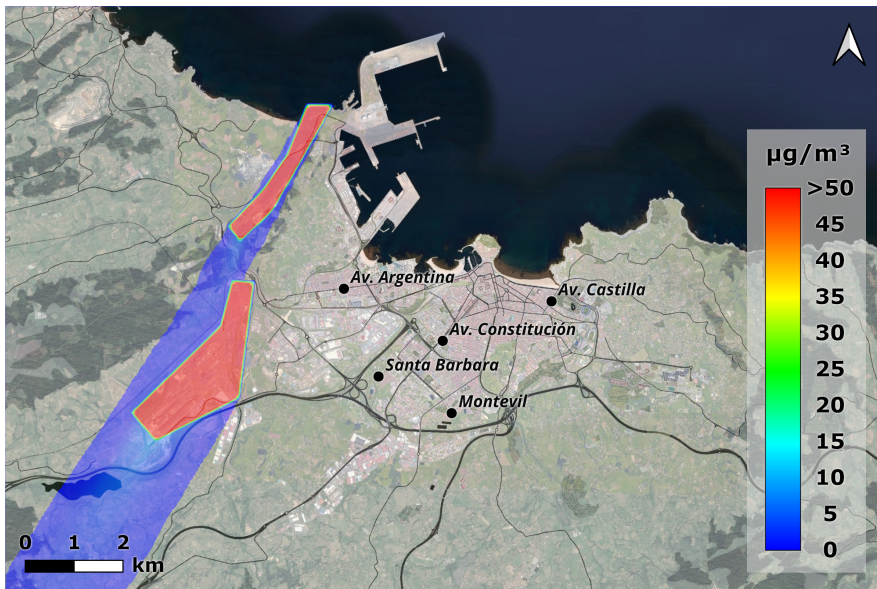
Case 11: PM₁₀ dispersion for West-Northwest wind (300°) at annual average speed of 1.49 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



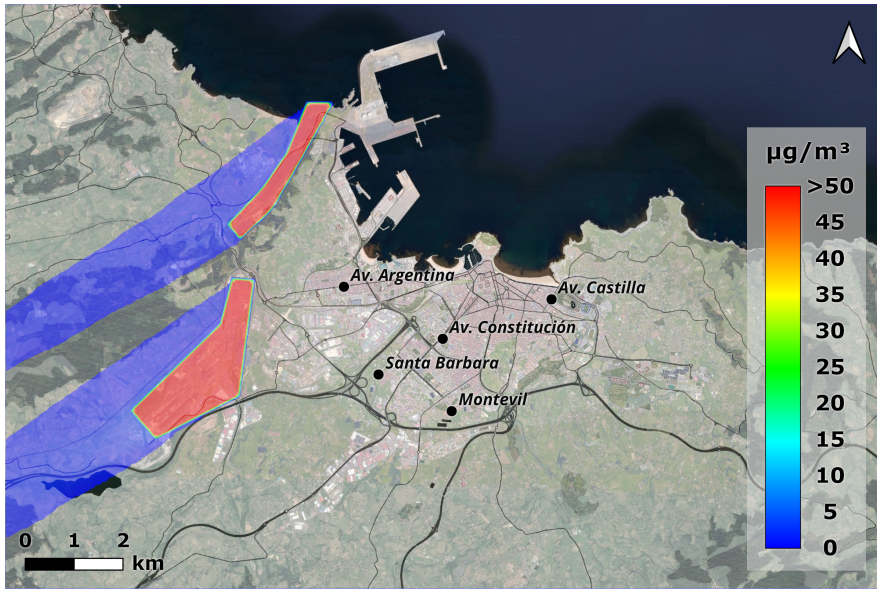
Case 12: PM₁₀ dispersion for North-Northwest wind (330°) at annual average speed of 1.53 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



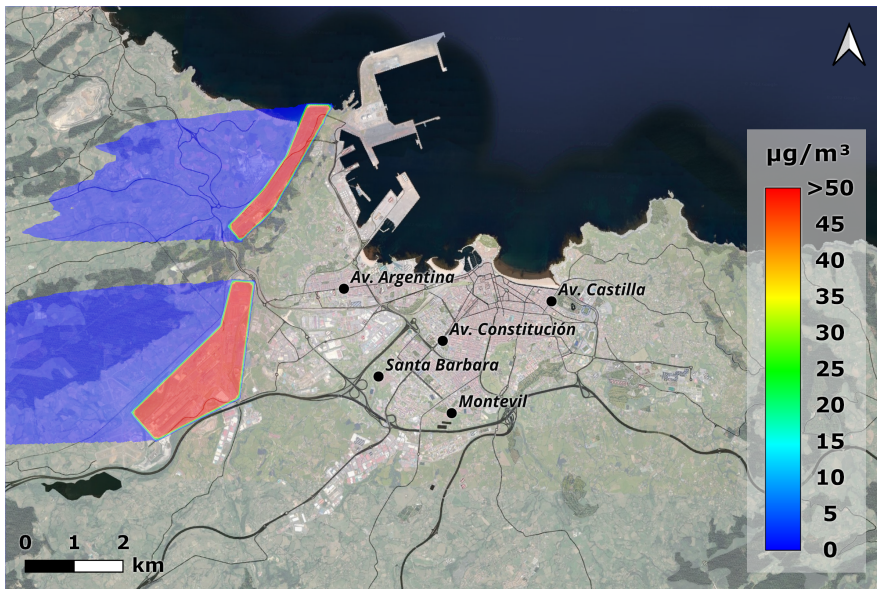
Case 13: PM₁₀ dispersion for North wind (0°) at annual maximum speed of 14.40 m/s (ANSYS Fluent 19.2 (2019) & QGIS 3.28).



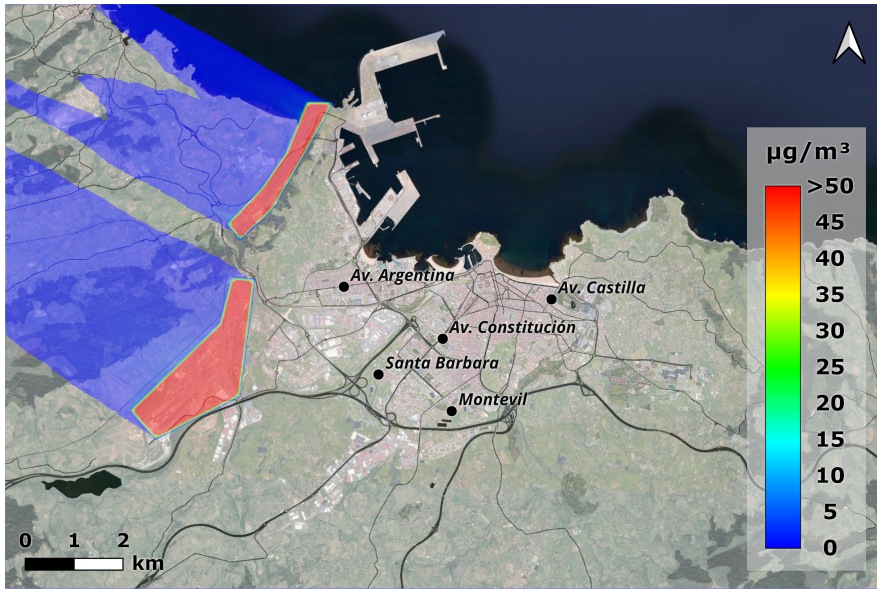
Case 14: PM₁₀ dispersion for North-Northeast wind (30°) at annual maximum speed of 19.90 m/s (ANSYS Fluent 19.2 (2019) & QGIS 3.28).



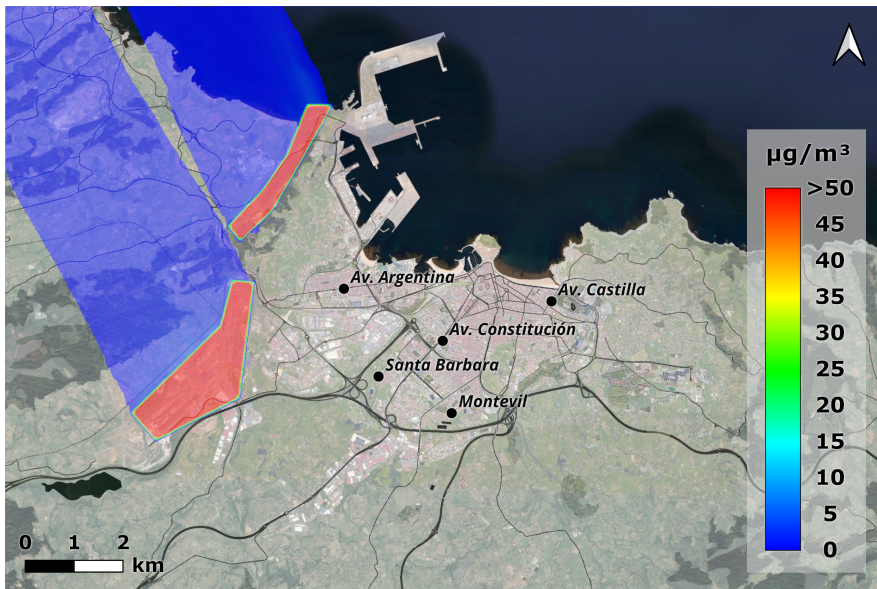
Case 15: PM₁₀ dispersion for East-Northeast wind (60°) at annual maximum speed of 24.30 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



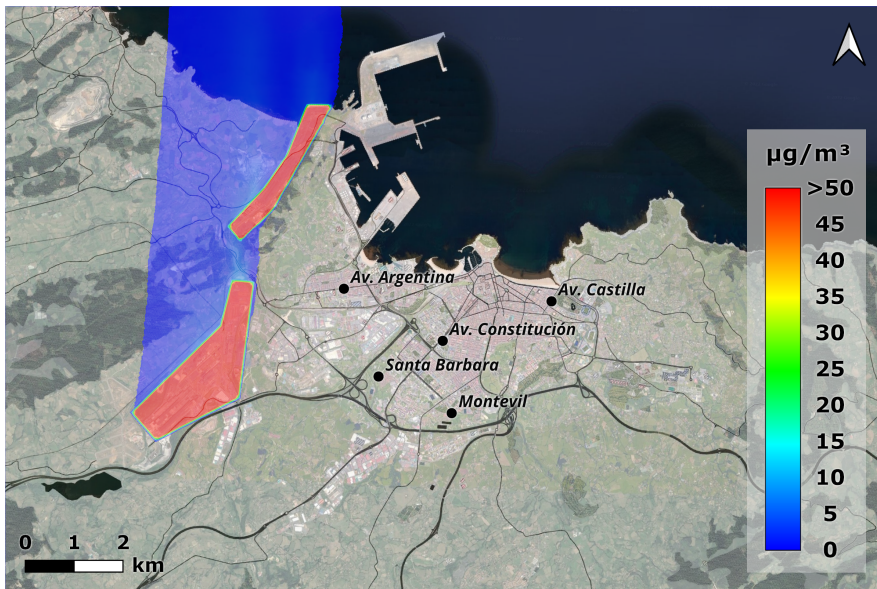
Case 16: PM₁₀ dispersion for East wind (90°) at annual maximum speed of 24.30 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



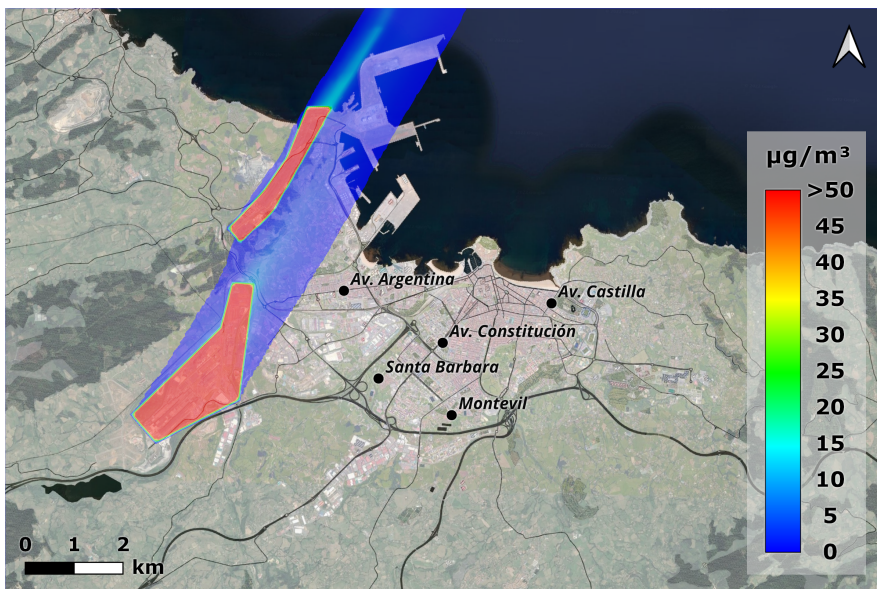
Case 17: PM₁₀ dispersion for East-Southeast wind (120°) at annual maximum speed of 18.90 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



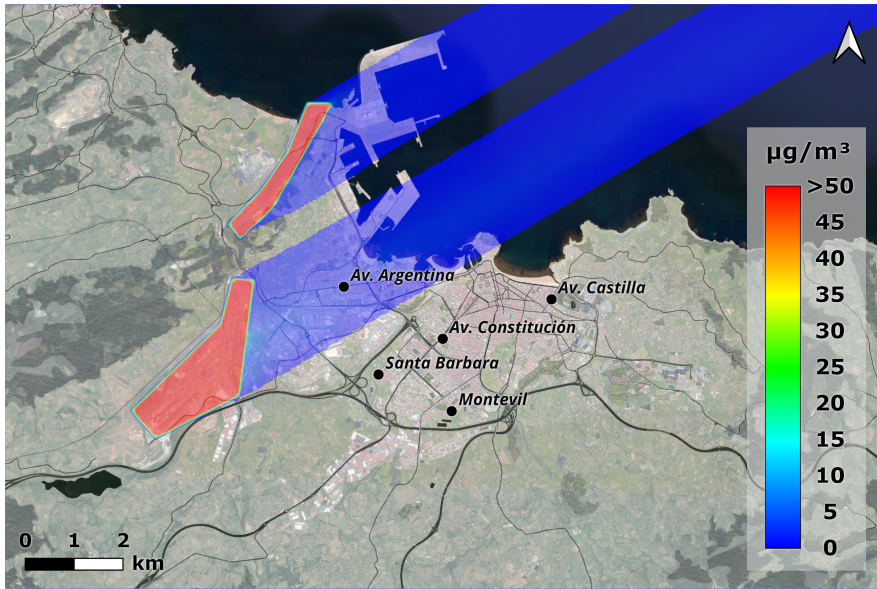
Case 18: PM₁₀ dispersion for South-Southeast wind (150°) at annual maximum speed of 19.10 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



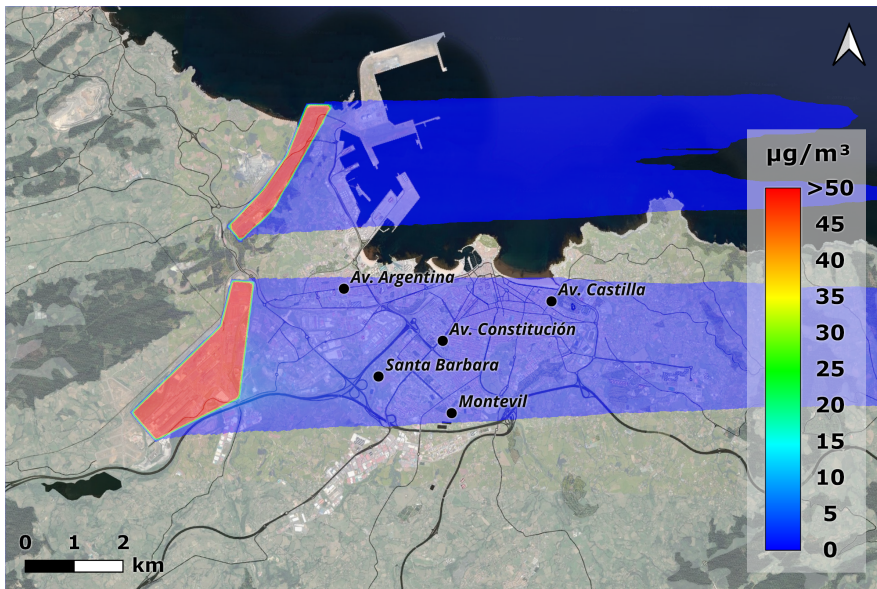
Case 19: PM₁₀ dispersion for South wind (180°) at annual maximum speed of 19.00 m/s (ANSYS Fluent 19.2 (2019) & QGIS 3.28).



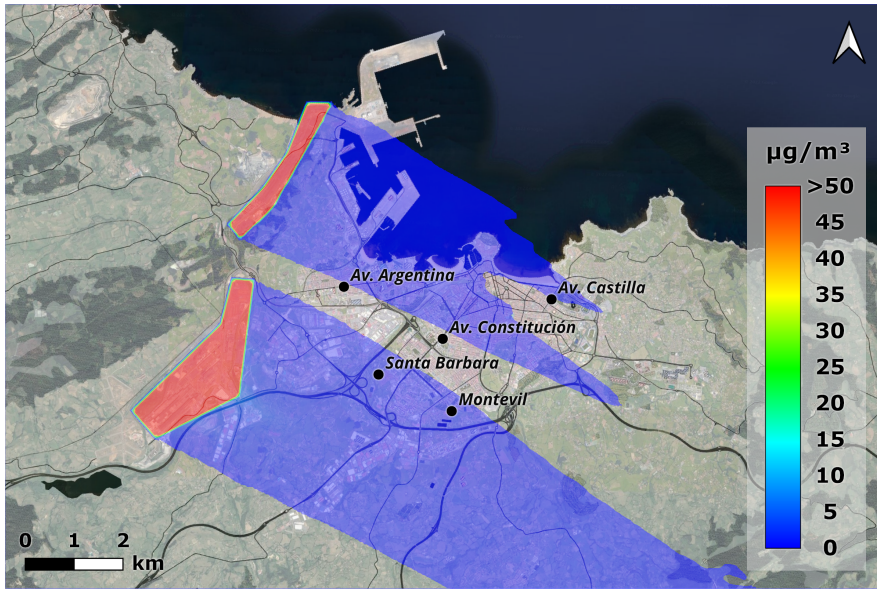
Case 20: PM₁₀ dispersion for South-Southwest wind (210°) at annual maximum speed of 19.20 m/s (ANSYS Fluent 19.2 (2019) & QGIS 3.28).



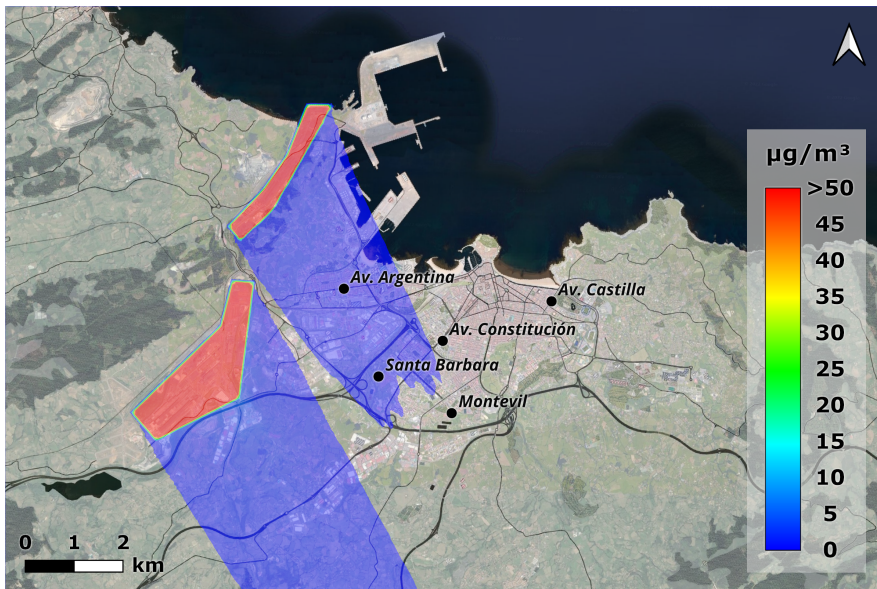
Case 21: PM₁₀ dispersion for West-Southwest wind (240°) at annual maximum speed of 18.00 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



Case 22: PM₁₀ dispersion for West wind (270°) at annual maximum speed of 16.20 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



Case 23: PM₁₀ dispersion for West-Northwest wind (300°) at annual maximum speed of 17.10 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).



Case 24: PM₁₀ dispersion for North-Northwest wind (330°) at annual maximum speed of 19.80 m/s (ANSYS Fluent 19.2 (2019) & QGis 3.28).