



[Ozone : éléments de contexte sur les tendances de long terme, les épisodes et l'efficacité des mesures de gestion](#)

Type de documents

Note technique

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Auteurs

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Catégorie

[Pilotage et suivi du dispositif](#)

Mots clés

Air quality has notably improved in France over the past 20 years as far as particulate matter and nitrogen oxides are concerned. It is not quite the case for ozone where annual mean levels are increasing, and if decreases are noted for peak concentrations, those are not in line with the magnitude of reduction of ozone precursors.

The present report reviews the recent findings related to ozone temporal trends in the past twenty years in France and in Europe and put these results in perspective with reported emission changes over that period.

We also discuss the projected impact of emission reduction strategies, either for long term indicators, or for short term episodes. We highlight the potentially negative impact of emission reductions with projected increases of annual mean ozone in areas and for days where ozone is low. On the contrary, emission reductions are expected to efficiently reduce peak concentrations. We also note a very strong volatility while the sign of the response can change from one day to the next for a given location

Documents

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