

US EPA ARCHIVE DOCUMENT

Secretaría de Protección al Ambiente
del Estado de Baja California

Impacts of Climate Change on Air Quality



Air Quality in Baja California

- The main air quality issue in Baja California cities is PM. Sources: unpaved roads, urban sprawling, waste and agricultural burning, and an increasing vehicle fleet.
- CO and Ozone are gradually appearing in the main urban areas as pollutants of concern.
- 13.2 mill ton CO₂e GHG p/year



Possible Impacts of Climate Change

Extended Drought

Increase risk of Wild Fires in southern California and northern Baja California.

Increasing Temperature

New pests threaten agriculture, leading to the use of more and stronger pesticides.



Possible Impacts of Climate Change

Increasing Temperature

Overall impact on agricultural economics can make field burning the most feasible cleaning method for agricultural parcels.

Neighboring California

Actions against Climate Change in California will potentially increase the flow of polluting used vehicles to Baja California. The same is possible for industry such as electric generation.

Possible Impacts of Climate Change

Opportunities

Actions against Climate change makes sense only when a region as a whole is integrated.

Baja California and the other Mexican border states could participate in the Western Climate Initiative.

