

Jeffrey King

From: U.S. EPA [usaepa@govdelivery.com]
Sent: Friday, April 17, 2009 10:13 AM
To: Jeffrey King
Subject: EPA News Brief (HQ): Climate Change Impacts on Regional Air Quality Report Just Released by EPA

U.S. Environmental Protection Agency (EPA)

Climate Change Impacts on Regional Air Quality Report Just Released by EPA

Contact: Roxanne Smith, 202-564-4355 / 4455 / smith.roxanne@epa.gov

(Washington, D.C. – April 17, 2009) The U.S. Environmental Protection Agency has released a report on the potential impacts of climate change on regional U.S. air quality. The information contained in the report will enhance our ability as a nation to protect air quality and human health.

The report, "Assessment of the Impacts of Global Change on Regional U.S. Air Quality: A Synthesis of Climate Change Impacts on Ground-Level Ozone," concludes that there is a potential for climate change to make ozone pollution worse in some regions and that future ozone management decisions may need to account for the possible impacts of climate change.

Climate change has the potential to produce increases in ground-level ozone in many regions. Ground-level ozone is formed in the presence of sunlight by a chemical reaction between oxides of nitrogen (NOx) and volatile organic compounds (VOCs), which are emitted from sources like motor vehicles and industrial facilities. Climate change also could increase the number of days with weather conditions conducive to forming ozone, potentially causing air quality alerts earlier in the spring and later in the fall.

The Global Change Research Program in EPA's Office of Research and Development led the development of the peer-reviewed report, which was done in partnership with EPA's Office of Air and Radiation. The report combines the results of new EPA-funded and existing scientific research and acknowledges that uncertainty remains over the specific regional patterns of climate change induced ground-level ozone changes.

More information on the report: <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=203459>

More information on EPA Office of Research and Development's Global Change Research Program: <http://www.epa.gov/ord/npd/globalresearch-intro.htm>

R096

Note: If a link above doesn't work, please copy and paste the URL into a browser.



You can view or update your subscriptions or e-mail address at any time on your [Subscriber Preferences Page](#). All you will need is your e-mail address. If you have any questions or problems e-mail support@govdelivery.com for assistance.

This service is provided to you at no charge by [U.S. Environmental Protection Agency](#).