

**PROPOSED**

State of California  
AIR RESOURCES BOARD

**HEALTH EVALUATION OF AIR QUALITY AND CLIMATE REGULATIONS AND  
PROGRAMS**

Resolution 20-13

**April 23, 2020**

Agenda Item No.: 20-4-1

WHEREAS, sections 39600 and 39601 of the Health and Safety Code authorize the California Air Resources Board (CARB or Board) to adopt standards, rules and regulations and to do such acts as may be necessary for the proper execution of the powers and duties granted to and imposed upon the Board by law;

WHEREAS, CARB's regulations and programs have achieved dramatic public health benefits by reducing criteria pollutants and toxics and fighting climate change;

WHEREAS, levels of premature mortality from ozone and particle pollution in California have been greatly reduced over the fifty years of CARB's work due to advanced emission control programs;

WHEREAS, public health benefits include an 80 percent reduction in deaths since 1990 related to diesel Particulate Matter (PM) and substantial reductions in hospitalizations, emergency room visits, and cancer risk;

WHEREAS: CARB is pursuing measures to meet ambient air quality standards for criteria pollutants and to reduce public exposure to air toxics in accordance with federal and state law;

WHEREAS, CARB is pursuing measures to substantially reduce greenhouse gas (GHG) pollution in accordance with state law and executive orders from the Governor;

WHEREAS, the combined measures needed to reduce criteria pollutants and GHGs provide tremendous opportunities to improve community resiliency, sustainability, physical activity and quality of life;

WHEREAS, CARB has a strong commitment to improving health and air quality in disadvantaged communities;

WHEREAS, recent research and new tools afford the opportunity to expand and update CARB's analysis of public health benefits;

WHEREAS, CARB's goal is a more comprehensive evaluation of the health benefits of California's air quality and climate actions;

WHEREAS, the Board finds that expanded health analysis approaches should be developed to capture the broad range of health benefits that result from reducing criteria pollutants and greenhouse gases;

NOW, THEREFORE, BE IT RESOLVED that the Board directs staff to pursue the following actions, with input from the public and stakeholders as appropriate:

1. Develop new quantitative and qualitative approaches to evaluate the health benefits of CARB's air quality and climate regulatory actions and programs;
2. Explore and develop new methods for evaluating health impacts in disadvantaged communities that account for increased vulnerability and exposure to sources of pollution that impact communities;
3. Update and expand the methodologies to analyze the health benefits from reducing emissions of ozone and secondary particle pollution and develop methodologies for additional pollutants;
4. Evaluate and propose new approaches to evaluate and communicate the public health benefits of reducing greenhouse gases and improving community sustainability, resiliency, and quality of life;
5. Investigate approaches to expanding health analysis to include a range of additional health outcomes linked to pollution exposure.