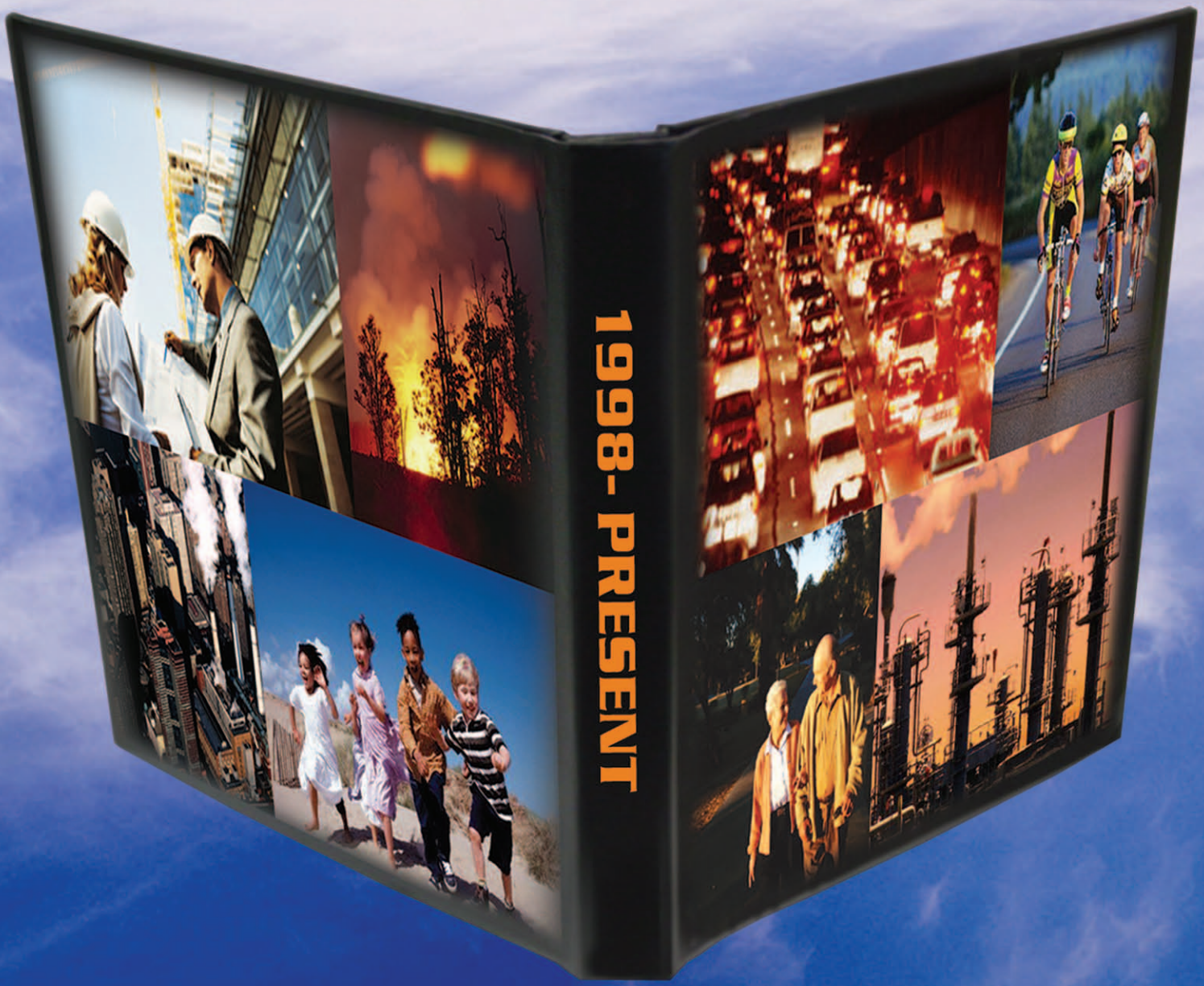
U.S. EPA PARTICULATE MATTER RESEARCH PUBLICATIONS



Introduction

In 1998, Congress significantly expanded funding for the Environmental Protection Agency's (EPA) Particulate Matter (PM) Research Program, with the specific charge to accelerate the investigation of the role of PM in health effects associated with air pollution and to strengthen the science to support implementation of regulatory actions.

Since that time, EPA's PM research has been performed within a scientific framework developed by an expert committee convened by the National Research Council (NRC) of the National Academy of Sciences. The NRC Committee issued a series of reports entitled "Research Priorities for Airborne Particulate Matter," that outlined a research agenda to address the key scientific questions about PM and provided periodic assessments of progress.

Research at EPA is conducted within the Office of Research and Development (ORD) laboratories (listed below) and extramurally through research grants, cooperative agreements, and contracts. Significant elements of the extramural program include the Science To Achieve Results (STAR) research grants program and the Supersites ambient monitoring research program.

Together, EPA's intramural and extramural PM research programs focus on addressing the NRC priorities. The extramural STAR grant program develops solicitations for PM research in targeted environmental science, exposure, engineering, and health areas. This program included the establishment of five PM Research Centers that, together with the EPA intramural program, could broadly address the pressing PM research questions. An important goal of the entire program has been to communicate and coordinate new findings and research priorities with partners and other federal agencies.

This document catalogs the publications that describe salient scientific advances in PM-related health, exposure, and implementation research conducted by ORD and EPA-funded researchers since 1998.

Contributing EPA Offices and Laboratories:

National Center for Environmental Assessment
National Center for Environmental Research: STAR Grant Program, including PM Centers
National Exposure Research Laboratory
National Health and Environmental Effects Research Laboratory
National Risk Management Research Laboratory
Office of Air and Radiation: Supersites Program

1998 Publications:

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