



MDB supports a healthier and more sustainable future through our national and international efforts to understand, communicate, and prepare for climate change and its related health outcomes. Climate change impacts the world's disadvantaged communities most directly, and we are committed to advancing resiliency efforts and sharing resources to reduce current and future climate challenges around the globe.



MDB has assisted clients in the fields of global health and climate change to develop a range of strategic communication materials, including fact sheets, reports, newsletters, presentation slides, and web pages. We also provide subject matter expertise, analysis and event facilitation. MDB staff has a deep understanding of how climate change can affect earth's systems and human health.

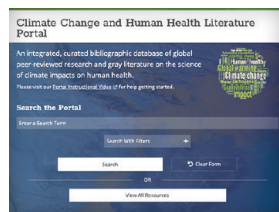
MDB's global health and climate change services include experts in a variety of fields and our knowledge areas include the following:

-  **Climate Change and Health**
-  **Disaster Response**
-  **Children's Environmental Health**
-  **Electronic Waste**
-  **Cookstoves and Indoor Air Pollution**
-  **Environmental Justice and Climate Justice**
-  **Sustainability**

Representative case studies of MDB's Climate Change and Global Health mission support include:

CLIMATE CHANGE AND HUMAN HEALTH LITERATURE PORTAL

MDB curates and maintains a bibliographic database of global peer-reviewed research and gray literature on the human health impacts of climate change. The NIEHS Climate Change and Human Health Literature Portal is a knowledge management tool for individuals who want to find the most relevant scientific literature on the health implications of climate change. It provides access to a database of studies published since 2007.



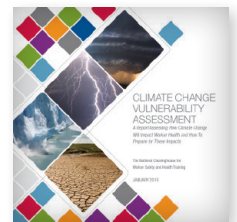
OUR CLIENTS

MDB has supported climate change and global health projects for the following clients:

- Department of Health and Human Services (HHS)
- General Services Administration (GSA)
- National Institute of Environmental Health Sciences (NIEHS)
- The World Health Organization

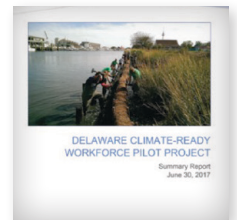
CLIMATE CHANGE VULNERABILITY ASSESSMENT

MDB conducted an assessment for the National Institute of Environmental Health Sciences (NIEHS) Worker Training Program (WTP) to evaluate climate change vulnerabilities that may affect the program, its grantees, and its target worker population. The resulting [assessment report](#) integrated feedback from WTP stakeholders to assist them in planning for health impacts and programmatic changes due to predicted changes in the global climate.



SUPPORTING EFFORTS TO DEVELOP A CLIMATE-READY WORKFORCE

In support of the Delaware Climate-Ready Workforce Pilot Initiative, MDB partnered with a climate risk analytics firm, Four Twenty Seven, to identify state employee health risks associated with the changing climate and recommend strategies to minimize risks. The initiative was an interagency collaboration between Delaware's Department of Natural Resources and Environmental Control, Department of Transportation, Department of Health and Social Services, Department of Safety and Homeland Security, and Office of Management and Budget.



CONTINUED ON REVERSE SIDE

CONTINUED FROM OTHER SIDE

DISASTER RESEARCH RESPONSE (DR2) PROGRAM

MDB supports the National Institutes of Health DR2 Program which provides training, events, networking and a Resources Portal of tools to empower human health research in response to disasters and public health emergencies. Climate related disasters and public health emergencies, whether local or global, can lead to unique combinations of human exposures, hazards, and stressors. MDB's support of the DR2 program helps advance research into climate related disasters in new, rapid timeframes that previously delayed this research.

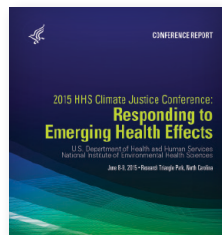
GENERAL SERVICES ADMINISTRATION

MDB produced a range of communication materials about climate change and sustainability initiatives undertaken by the Federal Acquisition Service of the U.S. General Services Administration (GSA). MDB staff wrote new website copy and created individual fact sheets to explain 11 federal green purchasing programs to vendors. Climate change served as the frame tying together all purchasing program information.



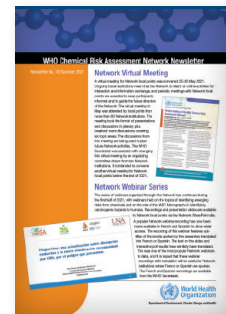
CLIMATE JUSTICE

As part of MDB's longstanding support to HHS environmental justice efforts, MDB provided conference planning, logistical support, and subject matter expertise to the 2015 Climate Justice Conference. The meeting engaged federal staff and stakeholders in discussions about the health effects of climate change as they relate to vulnerable populations, or climate justice, as well as community challenges and priorities, federal activities, and new resources and tools. The meeting was designed to encourage all stakeholders to share both identified areas of need and promising approaches and opportunities for collaboration that will address climate justice. MDB wrote a report and produced a highlight video following the conference.



WHO CHEMICAL RISK ASSESSMENT

MDB supports the Secretariat of the World Health Organization WHO Chemical Risk Assessment Network and Chemicals and Health Network. We provide support for working groups, materials development, graphic design as well as virtual and in person event planning.



GLOBAL ENVIRONMENTAL HEALTH

MDB supports the NIEHS Global Environmental Health (GEH) program in their efforts to translate research findings and improve scientific capacity around the world. MDB staff provide ongoing communications, analytical, and logistical support. In support of GEH research and programmatic activities, MDB provides content for a [bimonthly newsletter](#) by writing articles and updating events, funding opportunities, and other resources. MDB handles all aspects of production and promotion of the [Global Environmental Health Chat podcasts](#). MDB staff has also developed peer reviewed publications related to on GEH topics. MDB also provides meeting support, including logistics planning, travel support, on-site technical assistance, scientific writing, and meeting reports for GEH meetings, working groups, and international events.

EBOLA INFECTIOUS DISEASE TRAINING

At the height of the 2014-2015 Ebola outbreak in West Africa, MDB conducted an analysis of infectious disease training available to U.S. workers for the NIEHS WTP to identify gaps. MDB analyzed the data from the searches and the stakeholder meetings, identified key training gaps, and authored a [report](#) that informed the development of an NIEHS funding opportunity announcement to support a three-year, \$9 million infectious disease response training program. MDB staff also co-authored a peer reviewed [article](#) on gap analysis methods and findings that was published in the journal Health Security.



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MDB holds a GSA Multiple Award Schedule: Contract Contract 47QRAA20D0028, that allows us to offer a wide range of professional services to the U.S. federal government.

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