








MDB's environmental science and public health experts specialize in translating scientific findings into practical resources and tools that promote a healthier and more sustainable future.



The MDB team provides a full suite of services related to Environmental Science and Health:

-  **Strategic Communication:** Whether we are creating presentations, producing a podcast, or writing a paper for a peer-reviewed journal, our writers know how to communicate complex scientific concepts clearly and accurately to diverse audiences.
-  **Data Science and Management:** Our team develops tools, techniques, and solutions to make information available for environmental and public health decision-making and program management and evaluation.
-  **Website and Application Development:** We use the latest information technology to produce, retrieve, manipulate, store, communicate, and share information.
-  **Event Management and Facilitation:** Our team provides multi-scale in-person, virtual, and hybrid event management and logistical support.
-  **Education and Training:** MDB MDB helps clients develop evidence-based curricula and in-person and virtual trainings. We also create booklets, apps, toolkits, and websites to promote health through education and training.

Representative case studies of MDB's Environmental Health Science and Health mission support include:

NIEHS SUPERFUND RESEARCH PROGRAM

The National Institute of Environmental Health Science (NIEHS) Superfund Research Program (SRP) funds research on basic biological, environmental, and engineering processes to find practical solutions to reducing human exposures to hazardous substances. In addition, SRP helps train the next generation of environmental health researchers. MDB has provided communication support to SRP since

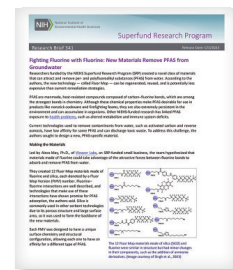
OUR STAFF

MDB has supported emergency public health-related Our staff have a wealth of expertise in the areas of:

- Biology and toxicology
- Children's environmental health
- Environmental exposure research and the exposome
- Environmental public health
- Environmental science and chemistry
- Epidemiology
- Remediation technologies and devices
- Science and health policy

2002. We research, write, and design environmental health communication materials to amplify SRP-funded research to scientists and the public, and offer a full spectrum of support services, including:

- **Research Briefs:** MDB creates and distributes monthly [Research Briefs](#) to highlight significant SRP-funded environmental health research advances. Briefs cover topics such as remediation, epidemiology, contaminant fate and transport, and basic biomedical research.
- **Newsletter Production:** MDB produces the monthly SRP [ePosted notes](#) newsletter and the quarterly [Science Digest](#), to highlight SRP grantee research accomplishments and activities. We are responsible for all aspects of newsletter production, from start to finish.
- **Public Health Impact Stories:** Our team creates [public health impact stories](#) to highlight how SRP-funded research has informed public policy and risk reduction decisions to improve public health.



CONTINUED ON REVERSE SIDE

CONTINUED FROM OTHER SIDE

- **News Stories:** MDB develops news articles for the [SRP website](#) and [NIEHS Environmental Factor newsletter](#) to highlight SRP outreach activities and research findings. We are involved in proposing topics, interviewing subject matter experts, and writing and editing stories.
- **Papers for Publication in Peer Reviewed Journals:** Our team supports SRP staff in writing peer-reviewed journal articles, reviews, and commentaries, including a publication about [data management and sharing](#).
- **Event Management:** We coordinate logistics and manage SRP meetings and online conferences to transfer SRP knowledge and information to partners. The [Risk e-Learning webinar series](#), for example, draws up to 600 participants per session.
- **Website and Application Development:** MDB maintains the public-facing SRP website, including developing interactive search tools. We also maintain the robust database that underlies the website and functionalities. Our duties involve adding weekly SRP publications, datasets, grants, and annual updates.

ENVIRONMENTAL HEALTH CHAT PODCASTS

MDB develops a podcast series for the NIEHS Partnerships for Environmental Public Health program to highlight how researchers work in partnership with community groups to understand and address environmental health issues. We proposed and launched the [Environmental Health Chat](#) podcast series in January 2013. Our team produces all episodes, from topic development to final podcast. Released monthly, each episode features an interview with an environmental health researcher or community partner about an environmental health topic of interest.



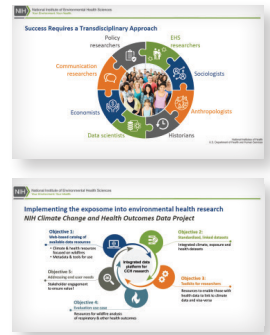
TRANSLATION RESEARCH STORIES

MDB science writers create compelling factsheets highlighting the many steps involved in translating basic research into population-level impacts. These Translational Research Stories cover high-priority scientific progress related to advancing knowledge, health, and society. Our team works closely with NIEHS staff and grantees to develop topics and timelines, write and edit the stories, and submit them for posting.



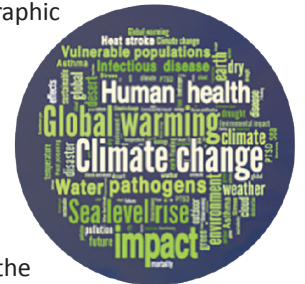
SCIENTIFIC PRESENTATIONS

MDB assists NIEHS staff, including the Office of the Director, to develop well-crafted presentations that encourage idea-sharing and spur discussion. Our team leverages their scientific and communication expertise to work with speakers and identify key information and visualizations to create a comprehensive presentation tailored to the desired audience.



CLIMATE CHANGE AND HUMAN HEALTH 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.



To access MDB, contact Environmental Science and Health Lead [Lynn Albert](#) at lalbert@michaeldbaker.com or President and CEO [Michael Baker](#) at michael@michaeldbaker.com or via phone at **(202) 331-0060**.



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