



Incorporated in 1982, Michael Brandman Associates (MBA) has provided thousands of public agencies and private development clients throughout California with environmental management services. Our disciplinary specialties include **environmental planning, regulatory compliance, natural resources management, cultural resources management, restoration planning & monitoring, air quality & global climate change, and water resources management.**

The MBA team possesses an intimate understanding of environmental regulations, laws, and compliance. Staff has hands-on experience managing complex projects with diverse challenges. As a testament to our skill level, MBA staff is regularly called upon to provide expert testimony & policy analysis, instruct at technical seminars, and lead conferences.

MBA AIR QUALITY TEAM

With over 80 years of combined senior air quality professional experience, MBA is at the leading edge of California air quality professionals. Our Air Quality Team includes senior members in each of our six offices who have experience in local government land-use & air quality planning, air emissions analysis, and health impact modeling.

Two-thirds of the Air Quality Team has had experience as staff at local Air Districts. Our team provides a complete range of legally defensible air quality services to support California Environmental Quality Act (CEQA) and National

We ensure our environmental documents contain thorough environmental analyses and explicit documentation of all data sources and research contacts. Our approach significantly reduces the potential for a legal challenge to be successful.

Environmental Policy Act (NEPA) documents and air quality regulatory requirements for public agencies and the private sector.

AIR QUALITY ASSESSMENTS

MBA can provide the following services to support development projects:

- Produce legally defensible air quality sections for Environmental Impact Reports (EIR), Environmental Impact Statements (EIS), Negative Declarations, Mitigated Negative Declarations (MND), and Environmental Assessments (EA).
- Emissions inventory development.
- Develop mitigation strategies.
- Give expert testimony and peer review.
- Conduct general conformity analyses for federally-funded and tribal projects.



GLOBAL CLIMATE CHANGE

MBA's global climate change experts are at the forefront in developing sound scientific regulatory assessments and strategies within the rapidly changing regulatory environment. We advise both government and private industry on greenhouse gas policies and methodologies and the impact that they have on the new carbon constrained business future. Our team applies proven energy, environmental, emission inventory, and regulatory expertise to the global climate change challenges that face our clients over a spectrum of business sectors including general plans, industrial developments, and retail & commercial projects.

INDIRECT SOURCE REVIEW

An indirect source is any land use that generates or attracts vehicular activity, which results in pollutant emissions.

A number of air districts within California have adopted, or are planning to adopt, air quality rules relating to the impacts of indirect sources. For example, the San Joaquin Valley Air Pollution Control District (SJVAPCD) requires certain development projects to submit Air Impact Assessment applications for emissions review and possible fees pursuant to their Rule 9510. MBA can prepare preliminary fee estimates, Air Impact Assessment applications, mitigation packages, provide application management, and integrate Rule 9510 into CEQA air quality studies. MBA works closely with the SJVAPCD to ensure projects maximize mitigation credit, thereby minimizing fees.

AIR QUALITY EDUCATION & TRAINING

Our highly accomplished air quality professionals can successfully navigate your project through new and changing regulations. The Air Quality team has presented at conferences for the Association of Environmental Professional (AEP), American Planning Association (APA), Air & Waste Management Association (AWMA), and Building Industry Association (BIA).

The MBA Air Quality Team has presented on a number of topics including: Greenhouse Gases and Global Climate Change; Air Quality Modeling Techniques; Air Quality in CEQA/NEPA Documents; and Regulatory Compliance.



HEALTH RISK ASSESSMENTS

Most regulatory agencies require that a health risk assessment be performed for projects involving the release of toxic air contaminants such as diesel particulate matter from diesel trucks, benzene from gasoline service stations, and “perc” from dry cleaners. Such projects include warehouse, large industrial facilities, roadways, mixed-use projects, and large retail/commercial projects. Our technical staff will prepare the necessary assessment by quantifying toxic air emissions and resulting health risks at sensitive receptors using advanced toxic air emission and health risk assessment tools.



The Mission of MBA is to assist our clients in achieving the delicate, sometimes elusive, balance between environmental protection and development.

MBA is committed to providing excellent service, accurate research, thoughtful recommendations, and innovative solutions for the mutual success of our clients and our practice.

We believe our associates and their expertise are fundamental to this success and we are determined to create a business environment that is people-centered, providing the essential components for professional development and personal well-being.



Michael Brandman, Ph.D.

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**AIR QUALITY
CONSULTING SERVICES**