



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 & 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 has grown based upon the ability to meet the needs of our clients and provide them with cost-effective, technically-sound, and legally-defensible products.

CULTURAL RESOURCES MANAGEMENT OVERVIEW

MBA's Cultural Resources team assists clients in preserving the prehistoric and historic cultural heritages of regions undergoing development. Our archaeologists, historians and paleontologists provide a progression of services from records searches and literature reviews through Phase I surveys, testing of sites for significance (Phase II), data recovery (Phase III) and required monitoring programs.

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.

PHASE I CULTURAL SURVEYS AND PHASE II TESTING

MBA staff collectively has experience conducting Phase I surveys in various types of terrain throughout California. The surveys are used to locate and identify potential historic properties. Our team is also highly qualified to manage testing programs (Phase II) to determine if the resources identified during the survey satisfy the criteria for listing on the California Register of Historical Resources (CR) or the National Register of Historic Places (NRHP). We record the resources on appropriate Department of Parks & Recreation forms, map the site and its features, analyze the resources, and prepare



artifactual materials for curation.

PALEONTOLOGIC ASSESSMENTS

MBA staff conducts paleontologic assessments of properties to determine the potential for significant fossil remains. The goal of the study is to determine the types of sediments, their potential for containing fossils and the approximate depth of the deposits. With this information, the team makes recommendations for further work ranging from field surveys for surface finds, paleontologic monitoring programs and fossil salvage plans.

HISTORIC AND PREHISTORIC SITE EVALUATIONS

Our team provides evaluation of myriad types of cultural resource sites for inclusion on national, California, and local registers. For prehistoric resources, our evaluations include consultation with the Native American Heritage Commission (NAHC) and local, concerned, Native American tribal representatives. Following our field surveys, and in consultation with tribal representatives, our team determines the best course of action to protect sensitive prehistoric resources.

MITIGATION MONITORING

Mitigation monitoring of earth-moving construction activities ensures that significant fossils & artifacts representing occupation of the area encountered will be appropriately recorded, collected, curated, and documented in accordance with federal & state regulations, professional guidelines, and local government requirements & recommendations. Our team ensures that these nonrenewable resources are saved for future scientific study and public education.

PHASE III DATA RECOVERY

Following Phase II testing, if it is determined that the site is eligible for listing on the CR or the NRHP, the MBA team proceeds with formal steps leading to the Phase III data recovery process. Typically, the process includes a research design and set of research questions, a sampling strategy, and a more detailed level of analysis than what was conducted in Phase II. In addition, if not prepared during the Phase II testing program, a Data Recovery Plan detailing the exact procedures for extracting the data that will address the research questions will be prepared and the results documented in a technical report.



MBA ALSO OFFERS THE FOLLOWING SERVICES

- Environmental Planning
- Natural Resources Management
- Regulatory Compliance
- Water Resources Management
- Restoration Planning & Monitoring
- Air Quality & Greenhouse Gas Emissions Analyses



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.

MBA's Offices are Conveniently Located:

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Michael Brandman Associates



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RESOURCES
MANAGEMENT**



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