

Ryan W. Bray

PROFESSIONAL HISTORY:

*Risk Management Professionals, Inc.;
Irvine, California; Technical
Consultant; 2013-Present*

*Risk Management Professionals, Inc.;
Irvine, California; Communications
Specialist; 2010-2013*

CERTIFICATIONS:

*Incident Command System (ICS) IS-
100*

AFILIATIONS:

*Central Valley Chemical Safety Day
Committee Member since 2016*

Mr. Bray has five (7) years of experience in the health and safety field assisting in technical workshops, marketing



activities, and various types of safety plans. Since 2013, Mr. Bray has been a Technical Consultant at Risk Management Professionals and has been immersed in multiple aspects of the Federal Emergency Management Agency (FEMA) and the California Governor's Office of Emergency Services (CalOES) Hazard Mitigation Plan (HMP) as well as emergency preparedness planning. His exceptional problem-solving and organizational skills provide a high level of

support for all projects to ensure project completion, regulatory compliance, and client satisfaction. Mr. Bray's extensive HMP experience has focused on the following areas of practice.

- Local Emergency Planning
- Hazard and Risk Assessment
- Benefit-Cost Analysis
- Grant Writing and Applications
- Urban Water Management Planning
- Debris Management Planning

Hazard Mitigation Plans

HMPs include a risk assessment of probable hazards, including the estimated frequency of occurrence and extent of impact. In addition, the Plans identified possible mitigation projects and examined the economic feasibility of the projects through a qualitative cost-benefit analysis. Development of each Plan also included public participation and neighboring agency coordination. Mr. Bray has worked extensively on HMPs for California cities, counties, and municipalities.

Urban Water Management Plans (UWMPs)

Mr. Bray assisted with UWMPs for public agencies, water districts and cities within Southern California for the 2015 updates. His primary responsibilities included overall project management, development of water use and supply estimates, general assistance and review with the programs and developing the Water Use Contingency and Water Supply Reliability sections for the plans.

Emergency Response Plan (ERPs)/Emergency Operations Plans (EOPs)

Mr. Bray has managed the update and development of ERPs and EOPs for water districts and cities within Southern California. Mr. Bray has ensured each Plan was laid out in accordance with the Incident Command System (ICS) and illustrated by the National Incident Management System (NIMS) and in accordance with California's Safety and Emergency Management System (SEMS).

Debris Management Plans (DMPs)

Mr. Bray has managed the development of DMPs in accordance with FEMA's Public Assistance Grant Program and Cal_OES guidance. Plans include debris volume estimates based on scenario modeling and serve as an extension of ERP/EOP planning. Plans includes steps for encouraging maximum reimbursement for emergency debris management from FEMA and are outlined in accordance to ICS.

CLIENT LIST

The following is a partial list of clients that Mr. Bray has managed and/or provided planning support.

- City of Paramount
- City of Cerritos
- City of Downey
- City of La Habra
- City of Tustin
- City of El Segundo
- City of Compton
- Zone 7 Water Agency
- Eastern Municipal Water District
- Ventura Regional Sanitation District
- Liberty Utilities
- Rainbow Municipal Utility District
- City of Garden Grove

While Mr. Bray has experience in diverse product lines, all completed projects have used risk analysis techniques for decision-making. He has provided project coordination and marketing across several industries including the following.

- Municipalities
- Ammonia Refrigeration
- Power Generation Facilities
- Chemical Manufacturing
- Oil & Gas
- Agriculture