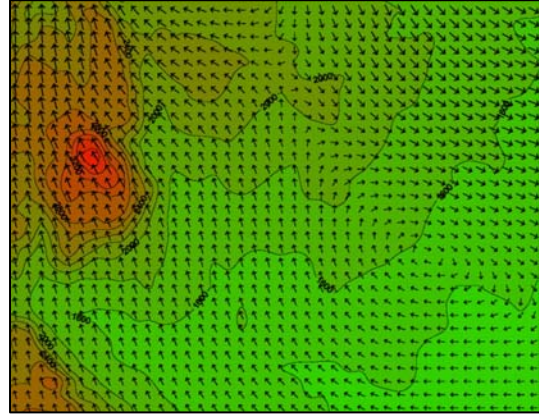


## ***Air Quality Modeling Services***

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**McVehil-Monnett Associates, Inc. (MMA)**

provides air quality modeling in support of major source (PSD) permitting and regulatory analyses, minor source permitting analyses, environmental impact statements and environmental assessment, and various research and specialty applications. MMA understands that model selection and application are based not only on regulatory requirements, but also on a thorough understanding of client needs, characteristics of project emissions, facility layout, meteorological factors, surrounding terrain and model limitations.



MMA maintains an up-to-date library of all current EPA air quality models, as well as proprietary special-purpose models. MMA develops software for processing of meteorological data and analyzing model results to meet the needs of the project. Staff experience includes all current regulatory models, such as AERMOD and CALPUFF, as well as complex terrain modeling tools. MMA also has the capability to run the Weather Research and Forecasting (WRF) model to generate 3-D meteorological data fields that can be used as the base for inputs to CALPUFF and AERMOD.

MMA has successfully completed hundreds of complex modeling projects for a wide range of clients. Model applications include large industrial complexes in urban areas with hundreds of emission sources; historical deposition estimates for smelters, coking facilities and others; long-range transport analyses to define regional haze and acid deposition impacts; and evaluation of mining impacts from excavation, hauling, blasting, and natural wind erosion. MMA's atmospheric scientists develop unique modeling approaches as necessary to address regulatory requirements, compliance issues, design/control questions and litigation issues, avoiding cookie-cutter approaches.

We would like the opportunity to talk to you about our services or to discuss a particular problem you may have. Please call us at (303) 790-1332.