

Statement of Work

Dr. Vladimir Cvetkovic

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Dr. Vladimir Cvetkovic is an internationally recognized expert in modeling groundwater transport through heterogeneous media. He will specifically be tasked to extend previous work on colloidally assisted transport to examine the potential for colloidal radionuclide transport using site-specific information from the Yucca Mountain. This task will require travel to San Antonio to discuss modeling approaches with CNWRA staff, define data needs, and identify available data. He will use these discussions and data to provide modeling to support CNWRA sensitivity analyses and bounding calculations for the effects of colloid transport on repository performance.