



Dr. Mohsen Mehran, Ph.D.

Nationally Recognized Environmental Engineer

and Hydrologist

Environmental Investigation & Remediation Specialist

Certified Mediator

PROFESSIONAL PROFILE

Dr. Mohsen Mehran is a nationally recognized hydrologist and environmental engineering expert with more than forty years of experience in environmental site investigations, hydrogeology, groundwater quality, environmental remediation, contaminant transport modeling, and environmental litigation support. He has served as principal investigator, project manager, technical consultant, expert witness, university professor, researcher, and mediator on hundreds of environmental projects throughout the United States involving CERCLA, RCRA, Superfund, groundwater contamination, hazardous waste, and complex environmental remediation. As an expert witness in contaminant fate and transport, Dr. Mehran has provided expert testimony, reports, and declarations on the origin, fate, and transport of pollutants and the appropriateness of remedial cleanup and associated costs in soils, sediments, and groundwater.

Dr. Mehran has extensive experience evaluating the origin and migration of groundwater contaminants, environmental liability, remedial alternatives, remediation costs, and allocation of responsibility among multiple potentially responsible parties (“PRPs”). His opinions have been relied upon by attorneys, governmental agencies, arbitration panels, and courts in technically complex environmental disputes.

His distinguished career includes service on the National Academy of Sciences Committee on Future Options for Management in the Nation's Subsurface Remediation Effort; membership on the Research Advisory Board of the National Water Research Institute; authorship of more than sixty technical publications and presentations; and university-level teaching and research in hydrology, contaminant transport, and soil mechanics.

AREAS OF EXPERTISE

- Phase I and Phase II Environmental Site Assessments
- CERCLA / Superfund Remedial Investigation/Feasibility Studies
- RCRA Facility Investigation and Corrective Measures Studies
- Hydrogeologic Investigations
- Soil and groundwater remediation
- Remediation technologies and process options
- Groundwater Flow and Contaminant Transport Modeling
- Cost Recovery and Allocation among PRPs

- Characterization of chemically impacted media (solvents, PCBs, semi-volatile organic compounds, metals, petroleum hydrocarbons, and emerging contaminants)
- Environmental Liability Analysis
- Litigation Support and Expert Witness Testimony
- Mediation and Technical Dispute Resolution

EDUCATION

University of California, Davis
 Ph.D., Civil Engineering
 M.S., Soil Physics
 Tehran University
 B.S., Agricultural Engineering

SELECTED REPRESENTATIVE EXPERT WITNESS MATTERS

- Expert in the allocation of environmental liability among multiple PRPs involving EPA's Glendale Operable Units through development of groundwater flow and contaminant transport models accepted by the arbitration panel.
- Technical expert responsible for remediation cost allocation involving forty-five PRPs within the San Gabriel Valley Operable Unit using individual plume analysis and contaminant transport modeling.
- Expert witness in trichloroethylene (TCE) groundwater contamination litigation involving migration analysis, plume commingling, and remediation cost allocation.
- Principal investigator and expert witness in environmental litigation involving chlorinated solvents, petroleum hydrocarbons, VOCs, heavy metals, and hazardous waste contamination for both public and private sector clients.
- Principal investigator and expert witness for remediation of contaminated refinery, aerospace, electronics, manufacturing, and dry-cleaning facilities throughout the United States.

PUBLICATIONS AND PRESENTATIONS

Dr. Mohsen Mehran has authored and co-authored more than 60 technical publications and presentations addressing environmental engineering, hazardous waste management, environmental contamination, site investigation, and remediation.

CONTACT INFORMATION

Dr. Mohsen Mehran, Ph.D.
 Tel: (949) 751-8124
 Email: mmehran@rubiconeng.com