

Atkinson, L. C., P. G. Keeping, J. C. Wright and H. M. Liu. “The Challenges of Dewatering at the Victor Diamond Mine in Northern Ontario, Canada.” *Mine Water Environ* 29, n.2:99–107. Springer – Verlag 2010.

Liu, H., R. Bashir, S. Axen, J. Hatley and G. Murdock. “Quantifying the Effect of Localized Depressurization on a Deep Underground Orebody at the McArthur River Mine through Cross Hole Hydraulic Testing and Groundwater Modelling,” in *Proceedings, 3rd International Conference on Uranium and 40th Annual Hydrometallurgy Meeting (Saskatoon, Canada, August, 2010)*, Vol. 1, p. 241., E. K. Lam et al.Eds., Québec: Canadian Institute of Mining, Metallurgy and Petroleum, 2010.

Liu, H., J. Hatley, R. Bashir and L. C. Atkinson. “Depressurising an Underground Ore Body at the McArthur River Mine in Northern Saskatchewan, Canada,” in *Proceedings, 10th International Mine Water Association Congress (Karlovy Vary, Czech Republic, June 2008)*, Paper No. 206. Ostrava: VSB - Technical University of Ostrava, 2008.

Liu, H., and G. Amy. “Modeling Partitioning and Transport Interactions Between Natural Organic Matter (NOM) and Polynuclear Aromatic Hydrocarbons (PAH) in Groundwater,” *Environ. Sci. Technol.*, 27(8), 1553-1562 (1993).

Amy, G., M. Conklin, H. Liu and C. Cawein. “Polynuclear Aromatic Hydrocarbon (PAH) Binding to Natural Organic Matter (NOM): A Comparison of NOM Fractions,” in *Organic Substances and Sediments in Water*. R. Baker, Ed. Chelsea, Michigan: Lewis Publishers, 1991.

Amy, G., M. Conklin, H. Liu and C. Cawein. “Polynuclear Aromatic Hydrocarbon (PAH) Binding to Natural Organic Matter (NOM): A Comparison of Various NOM Fractions” (extended abstract), in *Concepts in Manipulating Colloids for Environmental Restoration (U.S. DOE Conference, Manteo, North Carolina, 1990)*. J. McCarthy, Ed.

Gu, Z., Y. Yuan and H. Liu. “Gas-Liquid Flow on Curved Surface,” in *Frontiers of Fluid Mechanics: Proceedings, Beijing International Conference on Fluid Mechanics*, pp. 768 - 773. S. Yuan, Ed. Oxford: Pergamon Press, 1987.

PRESENTATIONS

Liu, H., et al. Mining Hydrology Short Course (2 days), Cameco Corporation, Saskatchewan, 2008.

Liu, H., J. Mahoney and D. Langmuir. “Further Refinement of the Davis-Ritchie Model of Pyrite Oxidation in Geologic Materials Associated with Mining,” 2002 Denver Annual Meeting of The Geological Society of America, Poster, October 2002.

Rusdinar, Y., G. Parseryo, H. Liu and V. Ugorets. “Identification of Dewatering Targets for Grasberg Pit Using Hydrogeochemical Fingerprint Approach,” presented at the 2002 Denver Annual Meeting of The Geological Society of America, October 2002

Howell, R. L., L. C. Atkinson and H. Liu. “Numerical Evaluation of Effectiveness of Drainwells in Dewatering Overburden at Surface Coal Mines,” Society for Mining, Metallurgy, and Exploration, Annual Meeting, Salt Lake City, Utah, 2000.

Liu, H., and R. J. Sterrett. "Parameter Fitting for the Kinetic Solute Transport Models Under Non-Ideal Conditions," 1999 National Ground Water Association Thesis Conference on Remediation of DNAPLs, Poster Presentation, 1999.

Mahoney, J. J., H. Liu, J. Warner and R. J. Sterrett. "In-Situ Measurement of the Rate of Vinyl Chloride degradation in a Gravel Aquifer," Conference of Intrinsic Remediation of Chlorinated Solvents, Salt Lake City, Abstract and Poster Session, 1996.

Johnson, W., H. Liu and G. Amy. "Natural Organic Matter (NOM) Interactions with Polynuclear Aromatic Hydrocarbons (PAH): Facilitated Transport and Enhanced Desorption under Saturated Groundwater Conditions, 205th ACS Conference, Division of Environmental Chemistry, Denver, Colorado, Preprints, 1993.

Liu, H., E. Chu and G. Amy. "Subsurface Transport of Natural Organic Matter (NOM) Through Saturated Aquifer Sediments," 205th ACS Conference, Division of Environmental Chemistry, Denver, Colorado, Preprints, 1993.

Amy, G., H. Liu and B. Johnson. "Observations on Humic-Facilitated Transport of PAH in Groundwater," 203rd ACS Conference, Division of Environmental Chemistry, San Francisco, Preprints, 1992.

Amy, G., and H. Liu. "PAH Binding to Natural Organic Matter (NOM): A Comparison of NOM Fraction and Analytical Methods," 199th ACS Conference, Division of Environmental Chemistry, Preprints, 1990.