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UTAH WATER RESEARCH LABORATORY

College of Engineering
Utah State University
Logan, Utah
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Journal Article


Theses


V.B. Epuri (In preparation). *Vegetation enhanced biodegradation of hexachlorobiphenyl and benzo(a)pyrene*. Master's thesis. Department of Civil and Environmental Engineering, Utah State University, Logan, UT.


M.F. Roginske (1995). *Nutrient and chemical oxygen demand removal in the vadose zone following the land application of cheese whey*. Master's thesis. Department of Civil and Environmental Engineering, Utah State University, Logan, UT.


Conference Proceedings


I. Hamud (In preparation). Effects of freeze-thaw on the permeability of clay cap material used at the Salt Lake County Municipal Landfill facility. Master's thesis. Department of Biological and Irrigation Engineering, Utah State University, Logan, UT.
Journal Articles


M.J. McFarland and X. Qiu (Accepted for publication). Composting of benzo(a)pyrene contaminated soil by the white rot fungus *Phanerochaete chrysosporium*. *Journal of Hazardous Wastes*.


Books/Book Chapters


Theses/Dissertations


Conference Proceedings/Presentations


Hazardous and Toxic Waste Management

Livingston, Montana. Presented at the project completion briefing, State of Montana, Department of Environmental Quality, Helena, MT, July.


Reports


R.R. Dupont (1994). Monthly sampling reports for field bioventing for soil treatment of a fire training pit at FE Warren Air Force Base, Cheyenne, WY. Submitted to Battelle Memorial Institute, Columbus, OH.


R.R. Dupont (1994). *Surface emission study in support of the investigation of Building 280 Fuel Storage Lot for application of low intensity bioreclamation*. Final Report, Submitted to Battelle Memorial Institute, Columbus, OH.


B.L. Hall (1995). *Quality assurance plan for Layton site air-sparging and in-well aeration project*. Utah Water Research Laboratory, Utah State University, Logan, UT.
B.L. Hall (1995). *Sampling plan for Layton site air sparging and in-well aeration project*. Utah Water Research Laboratory, Utah State University, Logan, UT.


**Other Publications**

Journal Articles


Thesis/Dissertations


Conference Proceedings/Presentations


Reports


T.B. Hardy (1993). Evaluation of instream flows for the protection of the Comal River ecosystem. Utah Water Research Laboratory, Utah State University, Logan, UT.

Other Publications


Journals


Conference Proceedings/Presentations


Water Information and Education
Water Education and Technology Transfer

Reports


Other Publications


G.G. Smith (1994). *Utah Calendar*. Utah Water Research Laboratory, Utah State University, Logan, UT.


Water Division
Journal Articles


G.E. Urroz and R. Ettema (Accepted for publication). Small-scale experiments on ice-jam initiation in a curved channel. *Canadian Journal of Civil Engineering.*


Books/Book Chapters

R.W. Jeppson (In press). *Open channel flow utilizing computers.* (Translated into French by Ahmed Oulhaj.)


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Theses/Dissertations


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Other Publications


Journals


C.-M. Chang and M.W. Kemblowski (Accepted for publication). Nonreactive solute transport in soils with fractal permeability distribution. *Stochastic Hydrology and Hydraulics*.


G.S. Cooper, R.C. Peralta, and J.J. Kaluarachchi (In review). Optimizing separate phase light hydrocarbon recovery from contaminated unconfined aquifers. *Water Resources Research*.


J.J. Kaluarachchi (In press). Analytical solution to two-dimensional axisymmetric gas flow with Klinkenberg effect. *Environmental Engineering Division, American Society of Civil Engineers*.


M. Musa and M.W. Kemblowski (Accepted for publication). Effective capture zone for a single well. *Ground Water*.

Ground Water


Books/Book Chapter


Theses/Dissertations


H.A. Wijedasa (1992). *Bayesian decision analysis for plume interception wells and contaminant travel time.* Master's thesis. Department of Civil and Environmental Engineering, Utah State University, Logan, UT.

Reports


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**Conference Proceedings/Presentations**


J.J. Kaluarachchi and A.E. Abdin (1994). Stochastic analysis of two-phase flow using Monte Carlo technique. In *Proceedings of 8th International Conference of the Association for Computer Methods and Advances in Geomechanics.* West Virginia University, Morgantown, WV.


Other Publications

Journals


B. Rajagopalan and U. Lall (Submitted). A nearest neighbor bootstrap for resampling daily precipitation and other weather variables. *Journal of Applied Meteorology*.


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Books/Book Chapters


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Reports


D.S. Bowles and D.N. Vangipuram (1994). *Probable maximum flood determination for emergency action plans: Logan First Dam and Reservoir and Logan Third Dam and Reservoir, Cache County, UT.* Report submitted to Physical Plant, Utah State University, Logan, UT; CH2M Hill Consulting Engineers, Salt Lake City, UT; and City of Logan, Logan, UT, April.


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Utah Water Research Laboratory


T.C. Hughes (1994). *Impact of conservation measures on municipal water demand projections using the WFWSDM*. Utah Water Research Laboratory, Utah State University, Logan, UT.


Conference Proceedings/Presentations


**Other Publications**


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