

Selected Publications

Waugh, W.J., E.P. Glenn, P.H. Charley, B. Maxwell, and M.K. O'Neill. 2011. *Helping Mother Earth Heal: Dine' College and Enhanced Natural Attenuation Research at U.S. Department of Energy Uranium Processing Sites on Navajo Land*. In: Burger, J. (ed.) *Stakeholders and Scientists: Achieving Implementable Solutions to Energy and Environmental Issues*. Springer, New York, New York.

Benson, C.H., W.J. Waugh, W.H. Albright, and R.P. Bush, 2011. "Design and Installation of a Disposal Cell Cover Renovation Field Experiment, *Proceedings of Waste Management 2011 Symposium*, Phoenix, AZ.

Dayvault, J., S. Morrison, and J. Waugh, 2011. "Overview of U.S. Department of Energy Office of Legacy Management Applied Science and Technology Program," *Proceedings of Waste Management 2011 Symposium*, Phoenix, AZ.

Albright, W.H., C.H. Benson, and W.J. Waugh, 2010. *Water Balance Covers for Waste Containment: Principles and Practices*, ASCE Press, Reston, VA.

Waugh, W.J., D.E. Miller, E.P. Glenn, D. Moore, K.C. Carroll, R.P. Bush, 2010. Natural and Enhanced Attenuation of Soil and Groundwater at the Monument Valley, Arizona, DOE Legacy Waste Site. *Proceedings of Waste Management 2010 Symposium*, Phoenix, AZ.

Traynham, Brooke, James Clarke, Joanna Burger, and Jody Waugh, 2010. Understanding the Long-Term Performance of engineered Containment Systems: What Would Mother Nature Do? *Proceedings of Waste Management 2010 Symposium*, Phoenix, AZ.

Carroll, K.C., F.L. Jordan, E.P. Glenn, W.J. Waugh, and M.L. Brusseau, 2009. Comparison of nitrate attenuation characterization methods at the uranium mill tailing site in Monument Valley, Arizona. *J. Hydrology* 378(1-2):72-81.

Waugh, W.J., C.H. Benson, and W.H. Albright, 2009. Sustainable covers for uranium mill tailings, USA: Alternative design, performance, and renovation. *Proceedings of 12th International Conference on Environmental Remediation and Radioactive Waste Management*, Liverpool, UK.

Traynham, B., J. Clarke, W. Waugh, and D. Esh, 2009. Monitoring the Long-Term Performance of Engineered Containment Systems: Role of Ecological Processes. *Proceedings of Waste Management 2009 Symposium*, Phoenix, AZ.

Gee, G. W., B. D. Newman, S. R. Green, R. Meissner, H. Rupp, Z. F. Zhang, J. M. Keller, W. J. Waugh, M. van der Velde, and J. Salazar, 2009. Passive wick fluxmeters: Design considerations and field applications. *Water Resources Research*: 45, W04420, doi:10.1029/2008WR007088 (online publication).

Glenn, E., K. Morino, K. Didan, F. Jordan, K. Carroll, P. Nagler, K. Hultine, L. Sheader, and J. Waugh, 2008. "Scaling sap flux measurements of grazed and ungrazed shrub communities with fine and course-resolution remote sensing." *Ecohydrology* 1(4):316-329.

Selected Publications

Waugh, W.J., M.K. Kastens, L.R.L. Shearer, C.H. Benson, W.H. Albright, and P.S. Mushovic, 2008. Monitoring the Performance of an Alternative Landfill Cover at the Monticello, Utah, Uranium Mill Tailings Disposal Site. Proceedings of Waste Management 2008 Symposium, Phoenix, AZ.

Jordan, F., W.J. Waugh, E.P. Glenn L. Sam, T Thompson, and T.L. Thompson, 2008. Natural bioremediation of a nitrate-contaminated soil-and-aquifer system in a desert environment. *Journal of Arid Environments* 72(5):748–763.

Waugh, W.J., G.M. Smith, B. Danforth, G.W. Gee, V. Kothari, and T. Pauling, 2007. *Performance Evaluation of the Engineered Cover at the Lakeview, Oregon, Uranium Mill Tailings Site*. Proceedings of Waste Management 2007 Symposium, Tucson, AZ.

McKeon, C., E.P. Glenn, W.J. Waugh, C. Eastoe, F. Jordan and S.G. Nelson, 2006. Growth and water and nitrate uptake patterns of grazed and ungrazed desert shrubs growing over a nitrate contamination plume. *Journal of Arid Environments* 64(1):1–21.

McKeon, C., F.L. Jordan, E.P. Glenn, W.J. Waugh, and S.G. Nelson, 2005. Rapid nitrate and ammonium loss from a contaminated desert soil. *J. of Arid Environments* 61(1):119–136.

Smith, G.M., and W.J. Waugh, 2004. Influences of construction subtleties on the hydraulic performance of water-balance covers, pp. 143–149, *Tailings and Mine Waste '04*, A.A. Balkema, London.

Gilmore, T., B. Looney, B. Riha, J. Waugh, and C. Sink, 2004. *Characterization and Monitoring for MNA and Enhanced Attenuation*. Proceedings of The Fourth International Conference on Remediation of Chlorinated and Recalcitrant Compounds, May 24–27, 2004, Monterey, California.