

Published Papers: Water and Dams



Over the last 30 years, ATC Williams has authored or co-authored an extensive list of technical papers. Copies of these papers are available on request.

GHAHREMAN-NEJAD, B., SMALL, J.C., TAIBAT, H. “**Seismic Deformation Analysis of a Rockfill Dam with a Bituminous Concrete Core**”. Geotechnical Earthquake Engineering and Soil Dynamics IV, Sacramento, CA, USA, May 2008.

GHAHREMAN-NEJAD, B., SMALL, J.C., TAIBAT, H. “**Seismic Response and Dynamic Deformation Analysis of Sar-Cheshmeh Tailings Dam**”. Geotechnical Earthquake Engineering and Soil Dynamics IV, Sacramento, CA, USA, May 2008.

ROSHDIEH, A. “**Oil and Grease Removal from Copper Industry Effluents, Abangan Journal**”. K.N. Toosi University of Technology, 2003.

AMICONI, T. & SEDDON, K.D. “**Design of an Integrated Water Management System for the Ernest Henry Mine**”. Biomine 99 - Water Management Conference, AMF. Perth, August 1999.

NOSKE, C.D. “**The Construction of a Zoned Embankment Dam in Indonesia**”. Third A-NZ Young Geotechnical Professionals Conference, Melbourne, 1998.

ROSHDIEH, A. “**Flood control and artificial recharge, Abangan Journal**”. K.N. Toosi University of Technology, 1995.

ROSHDIEH, A. “**Evaluating the Interactive Effects of Dams and earthquakes, Abangan, Water Engineering Journal**”. K.N. Toosi University of Technology, 1995.

ROSHDIEH, A. “**Urmia Lake water level fluctuation, Abangan, Water Engineering Journal**”. K.N. Toosi University of Technology, 1992.

ROSHDIEH, A. “**Stepped spillway, Abangan, Water Engineering Journal**”. K.N. Toosi University of Technology, 1991.

WILLIAMS, M.P.A., MURPHY S.D., MILLER, S.D., and MURRAY, G. “**The Integration of Geochemistry, Tailings Disposal and Water Management to Minimise Environmental Impacts**”. Australian Mining Industry Council, 14th Annual Environmental Workshop, Ballarat, Victoria, 1989.

WILLIAMS, M.P.A. and GOLDSTONE, A.G. “**Water Management and Water Treatment at Golden Cross**”. Proc. Third International Mine Water Congress, Melbourne, 1988.

SEDDON, K.D. and CHAN, K., “**Investigation of the Stability of a Tailings Embankment on Soft Clay**”. Conference on Soil Slope Stability and Stabilisation, Australian Geomechanics Society. Sydney, 1987.

SEDDON, K.D., “**Pump testing to Determine Vertical Permeability in a Sedimentary Rock Sequence**”. Specialty Geomechanics Symposium on The Interpretation of Field Testing for Design Parameters, Institution of Engineers, Australia, Adelaide, 1986.



OSBORNE, T.R. and BRETT, D.M. “**Chemical Grouting of Dam Foundations in Residual Laterite Soils of the Darling Range, Western Australia**”. Fourth ANZ Conference on Geomechanics, Perth 1984.

SEDDON, K.D., “**Investigation and Management of Groundwater Resources in Coal Mining Operations, Hunter Valley, N.S.W.**”. International Conference on Groundwater and Man. Sydney, 1983.

ROUSE, J.V. and WILLIAMS, M.P.A. “**Geochemical Interactions Between Acidic Seepage Plumes and Natural Rock Materials**”. Proc. Australian Water and Waste Water Association International Specialist Conference, Darwin, 1983.