



MATTHEW LENAHAN

"Matt Lenahan completed his PhD as a LEME scholar in August 2007. His thesis is entitled *Hydrogeochemistry of a saline aquifer system, Central New South Wales, Australia*, and it was part of the Salinity Dynamics project in Program 3 under the supervision of Bear McPhail, Dirk Kirste and Richard Cresswell. Matt has been a LEME post-doctoral fellow, part-time from October 2006 to August 2007 and full-time until the end of 2007. He has worked mainly on the Salinity Dynamics and Tanami (Program 1) projects. His most significant accomplishments have been to use pore water and groundwater geochemistry, including halide ratios and chlorine-36, to elucidate salinity dynamics in the unsaturated and saturated zones in low-lying saline landscapes of the Murray-Darling basin. He is presently completing several manuscripts for publication of his thesis, as well as new studies on the regional hydrogeochemistry of the Tanami region, chlorine-37 and bromine-81 isotope geochemistry of pore waters in his Ph.D. area and refined extraction methods for measuring regolith salinity. Matt has also been contributing to LEME by advising students, colleagues in LEME and elsewhere in field and interpretation methods for hydrogeochemistry. His expertise is recognised in LEME and beyond, especially as he is moving to Queensland to take a CSIRO post-doctoral position in Townsville, where he will continue studying hydrogeochemistry as part of CSIRO research programs."

Bear McPhail
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