



GEOTECHNICAL ENGINEERING

PhD Theses

Current as of May 2007

YEAR	THESIS TITLE	AUTHOR	SUPERVISOR(S)
2007	Application of seismic cone for characterization of ground improved by vibro-replacment	Asalemi, Ali Amini	J. Howie
2006	Response of Buried Steel Pipelines Subjected to Longitudinal and Transverse Ground Movement	Karimian, S. A.	D. Wijewickreme/C. Ventura
2005	A Two Mobilized-plane Model and its Application for Soil Liquefaction Analysis	Park, S. S.	P. Byrne/D. Wijewickreme
2001	A Synthesized Approach for Estimating Liquefaction-induced Displacements of Geotechnical Structures	Beaty, M.	P. Byrne
2000	Analysis of Cone Tip Resistance in Sand	Ahmadi, M. M.	P. Byrne
2000	The Response of Sands under Partially Drained States with Emphasis on Liquefaction	Eliadorani, A. K.	Y. Vaid
2000	Soil/Geotextile Filtration Behavior under Dynamic Conditions of Cyclic Flow & Vibration	Hameiri, A.	J. Fannin
2000	Fabric, Initial State and Stress Path Effects on Liquefaction Susceptibility of Sand	Sivathayalan, S.	Y. Vaid
2000	Seismic Analysis of Pile Foundations for Bridges	Thavaraj, T.	L. Finn
1999	Piezococone Technology for the Geoenvironmental Characterization of Mine Tailings	Davies, M. P.	R.G. Campanella
1999	A Constitutive Model for Sand and the Analysis of the Canlex Embankments	Puebla, H.	P. Byrne
1997	Mechanical Properties of Granular Deposits from Self-Boring Pressuremeter Test	Roy, D.	R. Campanella/P. Byrne
1996	Liquefaction of Sands Under Multiaxial Loading	Uthayakumar, M.	Y. Vaid