Geotechnical Group PhD List 1951-2016

265. Jabary, R N	2016	Dynamic Soil-Structure Interaction Effects on Tuned Mass Dampers
264. Hird, R	2016	Salt Migration in Granular Media
263. Abdollahzadeh, A	2015	Characterisation and Performance Evaluation of Reactive Magnesia-Based Pervious Concrete for Application in Green Infrastructure
262. Yin, M	2015	Physical and numerical modelling of Submarine Landslides
261. O'Connor, D	2015	Performance of soil mix technology low permeability reactive in-ground barrier walls for contaminated land applications
260. Haiderali, A E	2015	Numerical modelling of monopiles for offshore wind farms
259. Zhou, M	2015	Geomechanical study of hydrate-bearing sediments with turbidite formation and hydrate heterogeneity
258. Litina, C	2015	Development and Performance of Self-Healing Blended Cement Grouts with Microencapsulated Mineral Agents
257. Dawoud, O	2015	The Applicability of Microbially Induced Calcite Precipitation (MICP) for Soil Treatment
256. Wang, F	2015	Time-Related Performance of Soil Mix Technology Stablised/Solidified Soils From Two Contaminated Sites
255. Kirkwood, P B	2015	Cyclic lateral loading of monopile foundations in sand
254. Burali d'Arezzo, F	2015	Installation effects due to pile surging in sand
253. Abunada, Z	2015	Innovative Soil Mix Technology Constructed Permeable Reactive Barrier for Groundwater Remediation
252. Lau, B H	2015	Cyclic behaviour of monopile foundations for offshore wind turbines in clay
251. Xu, E	2015	Numerical analysis of wellbore behaviour during methane gas recovery from hydrate bearing sediments
250. Kumar, K	2015	Multi-scale multiphase modelling of granular flow
249. Rui, Y	2015	Finite element modelling of thermal piles and walls
248. Li, Z	2014	Long-term Behaviour of Cast-iron Tunnel Cross Passage in London Clay
247. Jin, F	2014	Characterisation and Performance of Reactive MgO-based Cements with Supplementary Cementitious Materials
246. Hou, D	2014	Generalised and Hybrid Sustainability Assessments in Contaminated Site Remediation and Associated Sustainable Behaviour
245. Williamson, M	2014	Tunnelling Effects on Bored Piles in Clay
244. Ouyang, Y	2014	Geotechnical behaviour of energy piles

243. Schwamb, T	2014	Performance Monitoring and Numerical Modelling of a Deep Circular Excavation
242. Haskell, J J M	2014	Guidance for the design of pile groups in laterally spreading soil
241. Garber, D	2014	Ground Source Heat Pump System Models in an Integrated Building and Ground Energy Simulation Environment
240. Shepley, P	2014	Water Injection to assist Pile Jacking
239. Heron, C	2014	The Dynamic Soil Structure Interaction of Shallow Foundations on Dry Sand Beds
238. Hassan, D	2013	Environmental Sustainability Assessment & Associated Experimental Investigations of Magnesia Production Routes
237. Akinyugha, A	2013	Performance evaluation of unactivated and activated persulphate oxidation for in situ contaminated land remediation applications
236. Chaiyasarn, K	2013	Damage detection and monitoring for tunnel inspection based on Computer Vision
235. Li, Y	2013	Ground movements due to excavation in cohesionless soil: physical and analytical models
234. Wang, O	2013	Data Mining, Mapping and Modelling of the Strength of Cement-Stabilised Soils
233. Som, A MD	2013	The impact of biochar on soil processes and its potential in soil remediation
232. Bandara, S S	2013	Material point method to simulate large deformation problems in fluid-saturated granular medium
231. Korff, M	2013	Response of piled buildings to the construction of deep excavations
230. Xincheng, L	2012	Mechanical properties and durability performance of reactive magnesia cement concrete
229. McMahon, B	2012	Deformation mechanisms beneath shallow foundations
228. Shrestha, R	2012	Deep soil mixing and predictive neural network models for strength prediction
227. Uchida, S	2012	Numerical investigation of Geomechanical behaviour of hydrate-bearing sediments
226. Wang, J	2012	Monotonic and cyclic uplift resistance of buried pipelines in cohesionless soils
225. Unluer, C	2012	Enhancing the carbonation of reactive magnesia cement-based porous blocks
224. Stringer, M	2012	The axial behaviour of piled foundations in liquefiable soil
223. Ellison, K C	2012	Constitutive modelling of a heavily overconsolidated clay
222. Vardanega, P J	2012	Strength mobilisation for geotechnical Design & its application to bored piles
221. Gue, C S	2012	Submarine landslide flows simulation through centrifuge modelling

220. Chian S C	2012	Floatation of underground structures in liquefiable soils
219. Ouellet-Plamondon C	2011	Characterisation and performance of innovative alumino-silicates for soil mix technology permeable reactive barriers
218. Qabany A A	2011	Microbial carbonate precipation in soils
217. Kuo M	2011	The influence of bacteria on the mechanical properties of deep-ocean clay sediments
216. Laver R	2011	Long-term behaviour of twin tunnels in London clay
215. Kogbara R	2011	Process envelopes for and biodegradation within stabilised/solidified contaminated soils
214. Liu L	2011	Disturbance analysis of the self boring pressuremeter tests
213. Farrell R P	2011	Tunnelling in sands and the response of buildings
212. Li Z	2010	Piled foundations subjected to cyclic loads or earthquakes
211. Goh K H	2010	Response of ground and buildings to deep excavations and tunnelling
210. Lam S	2010	Ground movements due to excavation in clay: physical and analytical models
209. Jegandan S	2010	Ground Improvement with Conventional and Novel Binders
208. Leung Y F	2010	Foundation optimisation and its application to pile reuse
207. Robert D	2010	Soil-Pipeline Interaction in Unsaturated Soils
206. Lim L	2010	In-Situ Photocatalytic Remediation of Organic Contaminants in Groundwater. Engineering- (Environmental Geotechnics).
205. Joshi K	2010	Long-Term Engineering Performance and In-Situ Assessment of Cement Bentonite Cut-Off Walls
204. Liska M	2009	Properties and applications of reactive magnesia cements in porous blocks
203. Pal I	2009	Rainfall trends in India and their impact on soil erosion and land management
202. Cilingir U	2009	Seismic Response of Tunnels
201. Marshall A	2009	Tunnelling in sand and its effect on pipelines and piles
200. Nikolopoulos P	2009	Mass Transfer in Non-Aqueous Phase Liquid Contaminated heterogeneous Porous Media
199. Eisa KOGM	2008	Compensation Grouting in Sand
198. Ng M Y A	2008	Modelling of Hydraulic Fracturing in Cement Bentonite Geomaterials
197. Ji H	2008	Physical Modelling of Jet Grouting Process
196. Kwok C Y	2008	Micromechanical Modelling of Soil Creep
195. Iyengar S	2008	Application of Two Novel Magnesia-Based Binders in Stabilisation/Solidification Treatment Systems
194. Mohamad H	2008	Distributed Optical Fibre Strain Sensing of Geotechnical Structures

193. Deeks A D	2008	An investigation into the strength and stiffness of jacked piles in sand
192. Elshafie M Z E B	2008	Effect of Building Stiffness on Excavation-Induced Displacements
191. Chung K H	2008	Effects of Piles On Tunnels
190. Zhao Y	2008	In Situ Soil Testing for Foundation Performance Prediction
189. Duru U	2007	Impact of climate change on chemical and biological properties in contaminated soils
188. Marketos G	2007	An investigation of crushing and compaction bands in granular material
187. Smith S	2007	Impact of Climate Change on Contaminated Land Containment Systems
186. Coelho P A L F	2007	In Situ Densification as a Liquefaction Resistance Measure for Bridge Foundations
185. Osman A A M	2007	Durability and Mechanical Properties of Deep-Mixed Clays
184. Al-Ansary M S	2007	Stabilisation/Solidification and Pelletisation of Petroleum Drill Cuttings
183. Cheong T P	2007	Numerical Modelling of Soil-Pipeline Interaction
182. Knappett J A	2007	Piled foundations in liquefiable soils: accounting for axial loads
181. Mitrani H	2006	Liquefaction Remediation Techniques for Existing Buildings
180. Hernandez-Martinez F	2006	Ground Improvement of Organic Soils Using Wet Deep Soil Mixing
179. Kok Y L	2006	Investigating the mechanical behaviour of two residual soils from Malaysia
178. Borghi X	2006	Lubrication and soil conditioning in pipejacking and tunnelling
177. Chua H Y	2006	Horizontal arching of earth pressures on retaining structures
176. Selemetas D	2005	The response of full-scale piles and piled structures to tunnelling
175. Wongsaroj J	2005	Three-dimensional finite element analysis of short and long-term ground response to open face tunnelling in stiff clay.
174. Vorster T E B	2005	The Effects of Tunnelling on Buried Pipes
173. Chan S M	2005	Photocatalytic remediation of organics in groundwater
172. Thusyanthan I	2005	Behaviour of landfill systems under monotonic and earthquake loading
171. Perera A S R	2005	The Role of Accelerated Carbonation in the Ageing of Cement-Based Stabilised/Solidified Contaminated Materials
170. Silva M F	2005	Numerical and physical models of rate effects in soil penetration
169. Kulasooriya I	2005	Remediation of DNAPL using Surfactant flushing-Mass flux approach
168. Osman A S E K	2005	Predicting ground displacements in clay during construction
167. Page J W E	2005	A Mass Flux and Partitioning Tracer Concept for DNAPL Source Zone Characterisation

166. Cheuk C Y	2005	Soil-Pipeline Interaction at the Seabed
165. Cheng Y P Helen	2004	Micromechanical investigation of soil plasticity
164. Merritt A S	2004	Soil conditioning for earth pressure balance machines
163. Choy C K	2004	Installation effects of diaphragm walls on adjacent piled foundations
162. Waduge A	2004	Source zone remediation by air sparging and soil vapour extraction
161. Chitambira B	2004	Accelerated ageing of cement stabilised/solidified contaminated soils with elevated temperatures
160. Ghosh B	2004	Behaviour of rigid foundation in layered soil during seismic liquefaction
159. Teh T C	2003	Stability of marine pipelines on unstable and liquefied seabed
158. Take W A	2003	The influence of seasonal moisture cycles on clay slopes
157. Bhattacharya S	2003	Pile instability during earthquake liquefaction
156. Dimmock P S	2003	Tunnelling-induced ground and building movement on the Jubilee Line Extension
155. Brennan A J	2003	Vertical drains as a countermeasure to earthquake-induced soil liquefaction
154. Jacobsz S W	2002	The effect of tunnelling on pile foundations
153. Bowman E T	2002	The aging and creep of dense granular materials
152. White D J	2002	An investigation into the behaviour of pressed-in piles
151. Ratnam S	2002	Development of a novel self-boring permeability measrement technique
150. Teymur B	2002	The significance of boundary conditions in dynamic centrifuge modelling
149. Haigh S K	2002	Effects of earthquake-induced liquefaction on pile foundations in sloping ground
148. Yimsiri S	2002	Pre-failure deformation characteristics of soils: anisotropy and soil fabric
147. Coumoulos H	2002	Centrifuge and numerical modelling of dense non-aqueous phase liquid contaminants migration
146. Treadaway A C J	2001	Development and Use of Photometric Sensors for Contaminent Transport Studies
145. Au S K A	2001	Fundamental Study of Compensation Grouting
144. Lee C J	2001	The influence of negative skin friction on piles and in pile groups
143. Lee S W	2001	The Effects of Compensation Injections on Tunnels
142. Kechavarzi C	2000	Physical modelling of immiscible multiphase flow in porous media
141. Baumgard A J	2000	Monotonic and cyclic soil responses to upheaval buckling in offshore buried pipelines
140. Robertson D	2000	Computer simulations of crushable aggregates

139. Carrier M B	2000	Dielectric measurements over a wide frequency range in e-grade kaolin clay
138. Butler G D	1999	A dynamic analysis of the stored angular momentum earthquake actuator used with the equivalent shear beam container
137. Peiris L M N	1998	Seismic modelling of rock-fill embankments on deep loose saturated sand deposits
136. Barker H R	1998	Physical modelling of construction processes in the Mini-Drum centrifuge
135. Hsu Y S	1997	Excess pore pressures under cyclically loaded model jack-up foundations
134. Ellis E A	1997	Soil-structure interaction for full-height piled bridge abutments constructed on soft clay
133. El-Hamalawi A	1997	Adaptive refinement of finite element meshes for geotechnical analysis
132. Penn M L M	1997	Electrokinetic soil remediation: effects of pH, temperature and chemical reactions
131. Lu Y C	1997	Compensation grouting in clay
130. Peña A	1996	Theoretical study of brain biomechanics via poroelastic theory and the finite element method
129. Balachandran S	1996	Modelling of geosynthetic reinforced soil walls
128. McDowell G R	1996	Clastic soil mechanics
127. Potter L J	1996	Contaminant migration through consolidating soils
126. Dasari G R	1996	Modelling the variation of soil stiffness during sequential construction
125. Chin C Y	1996	An experimental study of hydrofracture in soils
124. Bransby M F	1995	Piled foundations adjacent to surcharge loads
123. Gui M W	1995	Centrifuge and numerical modelling of pile and penetrometer in sand
122. Evans D C	1994	Contaminant migration through intact and damaged clay liners
121. Boyce E E R	1994	Modelling of transport processes in heterogeneous soils
120. Sharma J	1994	Behaviour of reinforced embankments on soft clay
119. Hellawell E E	1994	Modelling transport processes in soil due to hydraulic, density and electrical gradients
118. Tsukamoto Y	1994	Drum centrifuge tests of three-leg jack-ups on sand
117. Pilgrim N K	1993	Observation and analysis of slope stability with seepage in centrifuge model earthquakes
116. McKinley J D	1993	Grouted ground anchors and the soil mechanics aspects of cement grouting
115. Lee D-M	1992	The angles of friction of granular fills
114. Smith C C	1992	Thaw induced settlement of pipelines in centrifuge model tests

113.	Jeyatharan K	1991 Partial liquefaction of sand fill in a mobile arctic caisson under dynamic ice-loading
112.	Madabhushi S P G	1991 Response of tower structures to earthquake perturbations
111.	Sun H W	1990 Ground deformation mechanisms for soil-structure interactions
110.	Maheetharan A	1990 Modelling the seismic response of piles and pile groups
109.	Lee S Y	1990 Centrifuge modelling of cone penetration testing in cohesionless soils
108.	Zeng X	1990 Modelling the behaviour of quay walls during earthquakes
107.	Tan F S C	1990 Centrifuge and theoretical modelling of conical footings on sand
106.	Nunez I L	1989 Centrifuge model tension piles in clay
105.	Stewart D I	1989 Groundwater effects on in-situ walls in stiff clay
104.	Springman S M	1989 Lateral loading on piles due to simulated embankment construction
103.	Hensley P J	1989 Accelerated physical modelling of transport processes in soil
102.	Lau C K	1988 Scale effects in tests on footings
101.	Stone K J L	1988 Modelling of rupture development in soils
100.	Wilson J	1988 A theoretical experimental investigation into the dynamic behaviour of soils
99.	Dean E T R	1988 An isotropic transformation soil constitutive model with induced anisotropy in axial deformation events
98.	Shi Q	1988 Centrifugal modelling of surface footings subject to combined loading
97.	Poorooshasb F	1988 The dynamic embedment of a heat emitting projectile
96.	Al-Tabbaa A	1987 Permeability and stress-strain response of speswhite kaolin
95.	Venter K	1987 Modelling the response of sand to cyclic loads
94.	Phillips R	1987 Ground deformation in the vicinity of a trench heading
93.	Habibian A	1987 Seismic modelling of coastal dykes on layered sand foundations
92.	Powrie W	1986 The behaviour of diaphragm walls in clays
91.	Elmes D	1986 Creep and viscosity in two kaolin clays
90.	Simons H	1986 A theoretical study of pile driving
89.	Lee F H	1985 Centrifuge modelling of earthquake effects on sand embankments
88.	Steedman R S	1984 Modelling the behaviour of retaining walls in earthquakes
87.	Savvidou C	1984 Effects of a heat source in saturated clay
86.	Airey D	1984 Clays in circular simple shear apparatus
85.	Almeida M S S	1984 Stage constructed embankment on soft clays
84.	Taylor R N	1984 Ground movements associated with tunnels and trenches
83.	Mak K W	1984 Modelling the effects of a strip load behind rigid retaining walls
82.	Francescon M	1983 Model pile tests in clay

81.	Kutter B L	1982	Centrifugal modelling of the response of clay embankments to earthquakes
80.	Barton Y O	1982	Laterally loaded model piles in sand
79.	Kusakabe O	1982	Stability of excavation in soft clay
78.	Szalwinski C S	1982	Finite element modelling of kinematic history for particular media
77.	Sloan S W	1982	Numerical analysis of incompressible and plastic solids using finite elements
76.	Davies M C R	1981	Centrifuge modelling of embankments on clay foundations
75.	Clarke B G	1981	In situ testing of clays using the Cambridge self boring pressuremeter
74.	Houlsby G T	1981	A study of plasticity theories and their applicability to soils
73.	Clegg D	1981	Model piles in stiff clay
72.	Cousens T W	1980	The gravity flow of bulk solids in bunkers
71.	Fahey M	1980	A study of the pressuremeter test in dense sand
70.	Jewell R A	1980	Some effects of reinforcement on the mechanical behaviour of soils
69.	Seneviratne H N	1979	Deformations and pore pressure dissipation around tunnels in soft clay
68.	Mair R J	1979	Centrifugal modelling of tunnel construction in soft clay
67.	Williams D J	1979	The behaviour of model piles in dense sand
66.	Britto A M	1979	Thin walled buried pipes
65.	Budhu M	1979	Single shear deformations of sand
64.	Swain C W	1979	Piled foundations supporting a model offshore structure
63.	Morris D V	1979	The centrifugal modelling of dynamic behaviour
62.	Goodings D J	1979	Centrifugal modelling of slope failures
61.	Padfield C J	1978	The stability of river banks and flood embankments
60.	Cuckson J	1978	Shear zones and progressive failure in overconsolidated clay
59.	Larsen H	1978	Earth pressure around buried pipes
58.	Randolph M F	1977	A theoretical study of the performance of piles
57.	Foster G H	1977	The behaviour of clay in plane strain
56.	Potts D M	1977	Behaviour of lined and unlined tunnels in sand
55.	Smith A K C	1977	Experimental and computational investigation of model reinforced earth retaining walls
54.	Thompson S A	1976	Application of finite elements to plane strain deformation and consolidation of soils
53.	St John H D	1976	Field and theoretical studies of the behaviour of ground around deep excavations in London clay
52.	Orr T L L	1976	The behaviour of lined and unlined model tunnels in stiff clay
51.	Windle D	1976	In situ testing of soils with a self-boring pressuremeter

50.	Wind H G	1976	Interaction of sand and L-shaped walls in centrifuge models
49.	Swain A	1976	Model ground anchors in clay
48.	Wong K Y	1976	Micro-fabric changes during the deformation of clays
47.	Chan K C	1975	Stresses and strains induced in soft clay by a strip footing
46.	Wood D M	1974	Some aspects of the mechanical behaviour of kaolin under truly triaxial conditions of stress and strain
45.	Milligan G W E	1974	The behaviour of rigid and flexible retaining walls in sand
44.	Beasley D H	1973	Centrifugal testing of models of embankments on soft clay foundations
43.	Cairncross A M	1973	Deformations around model tunnels in stiff clay
42.	Blair-Fish P M	1973	Flow of sand in mass-flow bunkers
41.	Ajaz A	1973	The stress and strain behaviour of compacted clay in tension and compression
40.	Nadarajah V	1973	The stress-strain properties of lightly overconsolidated clay
39.	Simpson B	1973	Finite elements applied to problems of plane strain deformation of soils
38.	Amerasinghe S F	1973	The stress-strain behaviour of clay at low stress levels and high overconsolidation ratio.
37.	Sketchley C J	1973	Behaviour of kaolin in plane strain
36.	Borin D L	1973	The behaviour of saturated kaolin in the simple shear apparatus
35.	Dick S C	1973	A model earth pressure test rig for clay soils
34.	Hughes J M O	1973	An instrument for the in situ measurement of the properties of soft clays
33.	Smith I A A	1972	Stress and strain in a sand mass adjacent to a model wall
32.	Coupe P S	1971	Some effects of time on stress strain relationships for clays
31.	Stroud M A	1971	The behaviour of sand at low stress levels in the simple shear apparatus
30.	Endicott L J	1971	Centrifugal testing of soil models
29.	Pearce J A	1970	The behaviour of soft clay in a new true triaxial apparatus
28.	Tennekoon B L	1970	Stresses and strains induced by a strip footing on sand
27.	Hawley J A	1970	A unified theory for the one-dimensional consolidation of saturated clays
26.	Tovey N K	1970	Electron-microscopy of clays
25.	Avgherinos P J	1970	Centrifugal testing of models made of soil
24.	Lord J A	1969	Stresses and strain in an earth pressure problem
23.	Hambly E C	1969	Plane strain behaviour of soft clay
22.	Balasubramaniam A S	1969	Some factors influencing the stress strain behaviour of clay
21.	Bransby P L	1968	Stress and strain in sand caused by rotation of a model wall
20.	Ting W H	1968	Some effects of history on the stress-strain behaviour of kaolin

19.	Bassett R H	1967	The behaviour of granular materials in the simple shear apparatus
18.	Walker L K	1967	The deformation of clay as a time-dependent process
17.	Smart P	1967	Soil structure, mechanical properties and electron-microscopy
16.	Mitchell R J	1967	Applications of the critical state theories
15.	Loudon P A	1967	Some deformation characteristics of kaolin
14.	Coumoulos D G	1967	A radiographic study of soils
13.	Cole E R L	1967	Soils in the simple shear apparatus
12.	Burland J B	1967	Deformation of soft clay
11.	Walker A F	1966	Stress/strain relationships for clay
10.	Sirwan K Z	1965	Deformation of soil specimens
9.	James R G	1965	Stress and strain fields in sand
8.	O'Loughlin M W B	1964	Radiological examination of granular materials
7.	Thompson W J	1962	Some deformation characteristics of Cambridge gault clay
6.	Arthur J R F	1962	Strains and lateral force in sand
5.	Thurairajah A	1961	Some shear properties of kaolin and of sand
4.	Poorooshasb H	1961	The properties of soils and other granular media in simple shear
3.	Schofield A N	1959	The development of lateral force during the displacement of sand by the vertical face of a rotating model foundation
2.	Wroth C P B	1958	The behaviour of soils and other granular media when subjected to shear
1.	Wells A A	1951	Soil mechanics & tillage