

PROFESSOR HARRY G. POULOS - LIST OF PUBLICATIONS

(a) Books

- (1) **Poulos, H.G.** and Davis, E.H., (1974) "Elastic Solutions for Soil and Rock Mechanics". John Wiley and Sons, New York.
- (2) **Poulos, H.G.** and Davis, E.H., (1980) "Pile Foundation Analysis and Design". John Wiley and Sons, New York.
- (3) **Poulos, H.G.**, (1988) "Marine Geotechnics". Unwin Hyman, London.

Note: I have also prepared the SI version of the standard text "Soil Mechanics" by T.W. Lambe and R.V. Whitman, John Wiley and Sons, New York, 1979.

(b) Chapters in Books

- (1) Morgan, J.R. and **Poulos, H.G.** (1968) "Settlement and Stability of Deep Foundations". Ch. 9 in 'Soil Mechanics Selected Topics', Ed. I.K. Lee, pp. 528-609, Butterworths.
- (2) **Poulos, H.G.** (1974) "Some Recent Developments in the Theoretical Analysis of Pile Behaviour". Ch. 7 in 'Soil Mechanics - New Horizons', Ed. I.K. Lee, Butterworths.
- (3) **Poulos, H.G.** (1977) "Settlement of Pile Foundations". Ch. 10 in 'Numerical Methods in Geotechnical Engineering', Ed. C.S. Desai and J.T. Christian, McGraw-Hill, New York.
- (4) **Poulos, H.G.** (1979) "Foundation Settlement Analysis Using Elastic Theory". In 'The Profession of a Civil Engineer', Ed. D. Campbell-Allen and E.H. Davis, pp. 119-146, Sydney University Press.
- (5) Duncan, J.M. and **Poulos, H.G.** (1981) "Modern Techniques for Analysis of Engineering Problems in Soft Clay". In 'Soft Clay Engineering', Ed. E.W. Brand and P. Brenner, Elsevier.
- (6) **Poulos, H.G.** (1987) "Piles and Piling", Ch. 52 of Ground Engineer's Reference Book, Ed. F.G. Bell, Butterworths, London.
- (7) **Poulos, H.G.** (1991) "Foundation Settlement Analysis". De Mello Volume, Editora Edgard Blucher Ltda, Sao Paulo, Brazil, pp. 379- 387.
- (8) **Poulos, H.G. & Small, J.C.** (2000). "Development of design charts for concrete pavements and industrial ground slabs". Chapter 2, Design Applications of Raft Foundations, Ed. J.A. Hemsley, Thomas Telford, 39-70.
- (9) **Poulos, H.G.** (2000). "Practical design procedures for piled raft foundations". "Chapter 15, Design Applications of Raft Foundations, Ed. J.A. Hemsley, Thomas Telford, 425-467.
- (10) **Poulos, H.G.** (2001). "Spannungen und setzungen im bodem". Grundbau-Taschenbuch, Ed. U. Smoltzyk, Ernst und Sohn, Berlin.
- (11) **Poulos, H.G.** (2001). "Pile foundations". Ch. 10 of Geotechnical and Geoenvironmental Engineering Handbook, Ed. R.K. Rowe, Kluwer Academic Press, Boston, pp. 261-304.

- (12) **Poulos, H.G.** (2002). "Calculation of stresses and settlements". Chapter 1.6 of Geotechnical Engineering Handbook, Volume 1, Fundamentals, Ed. U. Smoltczyk, Ernst & Sohn, Berlin, pp. 259-312.
- (13) Small, J.C. and **Poulos, H.G.** (2003). "Structural integrity issues associated with soils and rock in civil engineering industries". Ch. 1.11, Comprehensive Structural Integrity, Ed. Karihaloo et al, Elsevier, Amsterdam, pp. 217-239.
- (14) Liyanapathirana, S. and **Poulos, H.G.** (2009). "Seismic Analysis of Pile Foundations in Liquefying Soil". Ch. 5 of "Linear and Non-linear Numerical Analysis of Foundations", Ed. John W. Bull, Taylor and Francis, Abingdon.
- (15) **Poulos, H.G.** (2013). "Deep Foundation Design for Tall Buildings". Chapter 3.1 of Conception et Calcul des Fondations sur Pieux, Ed. A. Bouafia, Dar Khattab, Algeria, 231-261.
- (16) **Poulos, H.G.** (2013). "Piles Subjected to Ground Movements". Chapter 3.3 of Conception et Calcul des Fondations sur Pieux, Ed. A. Bouafia, Dar Khattab, Algeria, 293-315.

(c) Sole Papers

1967

- (1) **Poulos, H.G.** (1967) "Stresses and Displacements in an Elastic Layer Underlain by a Rough Rigid Base". *Geotechnique*, 17:378- 410.
- (2) **Poulos, H.G.** (1967) "The Use of the Sector Method for Calculating Stresses and Displacements in an Elastic Mass". *Proc. 5th Australia-New Zealand Conference on Soil Mechanics*, Auckland, pp. 198-204.

1968

- (3) **Poulos, H.G.** (1968) "Analysis of the Settlement of Pile Groups". *Geotechnique*, 18:449-471.
- (4) **Poulos, H.G.** (1968) "The Behaviour of a Rigid Circular Plate Resting on a Finite Elastic Layer". *Civil Eng. Trans. of Inst. of Engrs. Aust.*, Vol. CE 10, pp. 213-219.
- (5) **Poulos, H.G.** (1968) "The Influence of a Rigid Pile Cap on the Settlement Behaviour of an Axially-Loaded Pile". *Civil Eng. Trans. of Inst. of Engrs. Aust.*, Vol. CE 10, 206-208.

1969

- (6) **Poulos, H.G.** (1969) "The Settlement of Under-Reamed and Step-Taper Piles". *Civil Eng. Trans. of Inst. Of Engrs. Aust.*, Vol. CE 11, 83-87.

1971

- (7) **Poulos, H.G.** (1971) "The Behaviour of Laterally-Loaded Piles: 1. Single Piles". *Jnl. Soil Mechs. and Fndns. Div. Amer. Soc. Civil Engrs.* Vol. 97, No. SM5, 711-731.
- (8) **Poulos, H.G.** (1971) "The Behaviour of Laterally-Loaded Piles: 11. Pile Groups". *Jnl. Soil Mech. and Fndns. Div. Amer. Soc. Civil Engrs.* Vol. 97, No. SM5, 733-751.

1972

- (9) **Poulos, H.G.** (1972) "The Behaviour of Laterally-Loaded Piles: 111. Socketed Piles". *Jnl. Soil Mech. and Fndns., Div. Amer. Soc. Civil Engrs.*, Vol. 98, No. SM4, pp. 341-360.
- (10) **Poulos, H.G.** (1972) "Load-Settlement Prediction for Piles and Piers". *Jnl. Soil Mech. and Fndns. Div. Amer. Soc. Civil Engrs.*, Vol. 98, No. SM9, pp. 879-897.
- (11) **Poulos, H.G.** (1972) "Difficulties in Prediction of Horizontal Deformations of Foundations". *Jnl. Soil Mech. and Fndns. Div. Amer. Soc. Civil Engrs.*, Vol. 98, No. SM8, pp. 843-848.
- (12) **Poulos, H.G.** (1972) "Settlement Analysis of Two Buildings on End-Bearing Piles". *Proc. 3rd South-East Asian Conf. on Soil Eng.*, Hong Kong, pp. 129-134.
- (13) **Poulos, H.G.** (1972) "Observed and Predicted Behaviour of Two Embankments on Clay". *Geotechnical Eng.*, Vol. 3, No. 1, pp. 1-20.
- (14) **Poulos, H.G.** (1972) "A Theoretical Approach to the Design of Caissons and Piers". *Proc. 3rd South-East Asian Conf., on Soil Eng.*, Hong Kong, pp. 381-385.

1973

- (15) **Poulos, H.G.** (1973) "Analysis of Piles in Soil Undergoing Lateral Movement". Jnl. Soil Mechs. and Fndns. Divn. Amer. Soc. Civil Engrs., Vol. 99, No. SM5, pp. 391-406.
- (16) **Poulos, H.G.** (1973) "Load-Deflection Prediction for Laterally-Loaded Piles". Aust. Geomechs. Jnl., Vol. G3, No. 1, pp. 1-8.

1974

- (17) **Poulos, H.G.** (1974) "Analysis of Longitudinal Behaviour of Buried Pipes". ASCE Speciality Conf. on Analysis and Design in Geot. Engineering, Austin, Texas, Vol. 1, pp. 199-223.
- (18) **Poulos, H.G.** (1974) "Analysis of Pile Groups Subjected to Vertical and Horizontal Loads". Aust. Geomechanics Jnl., Vol. G4, No. 1, pp. 26-32.

1975

- (19) **Poulos, H.G.** (1975) "Settlement Analysis of Structural Foundation Systems". Proc. 4th St.-East Asian Conf. Soil Eng., Kuala Lumpur.
- (20) **Poulos, H.G.** (1975) "Lateral Load-Deflection Prediction for Pile Groups". Jnl. Geot. Eng. Div. ASCE, Vol. 101, No. GT1, pp. 19-34.
- (21) **Poulos, H.G.** (1975) "Torsional Response of Piles". Jnl. Geot. Divn., ASCE, Vol. 101, No. GT10, pp. 1019-1035.
- (22) **Poulos, H.G.** (1975) "Settlement of Isolated Foundations". Symposium on Recent Developments in Analysis of Soil Behaviour and their Application to Geotechnical Structures, University of NSW, pp. 181-212.

1976

- (23) **Poulos, H.G.** (1976) "Behaviour of Laterally Loaded Piles near a Cut or Slope". Aust. Geomechs. Jnl., Vol. G6, No. 1, pp. 1-12.

1977

- (24) **Poulos, H.G.** (1977) "Pile Groups and Pile Settlement". The Design of Piled Foundation. Extension Course. Aust. Geomechs. Soc., Vic. Group, Instn. Engrs. Aust., pp. 37-49.
- (25) **Poulos, H.G.** (1977) "Estimation of Pile Group Settlement", Ground Engg., March, pp. 40-50.

1978

- (26) **Poulos, H.G.** (1978) "Normalised Deformation Parameters for Kaolin". ASTM, Geot. Testing Journal, Vol. 1, No. 2, June, pp. 102-106.

1979

- (27) **Poulos, H.G.** (1979) "Settlement of Single Piles in Non-homogeneous Soil". Jnl. Geot. Eng. Divn., ASCE, Vol. 105, No. GT5, pp. 627-641.

- (28) **Poulos, H.G.** (1979) "Development of an Analysis for Cyclic Axial Loading of Piles". Proc. 3rd Int. Conf. Num. Methods in Geomechs., Aachen, Vol. 4.
- (29) **Poulos, H.G.** (1979) "An Approach for the Analysis of Offshore Pile Groups". Proc. Conf. Num. Methods in Offshore Piling, Instn. Civ. Engrs., London.
- (30) **Poulos, H.G.** (1979) "Group Factors for Pile Deflection Estimation". Jnl. Geot. Eng. Divn., ASCE, Vol. 105, No. GT12.

1980

- (31) **Poulos, H.G.** (1980) "Comparisons Between Theoretical and Observed Behaviour of Pile Foundations". 3rd Australia-New Zealand Conf. Geomechs., Wellington.

1981

- (32) **Poulos, H.G.** (1981) "Cyclic Axial Response of Single Pile." Jnl. Geot. Eng. Divn., ASCE, Vol. 107, No. GT1, pp. 41-58.
- (33) **Poulos, H.G.** (1981) "Some Aspects of Skin Friction of Piles in Clay Under Cyclic Loading". Geotechnical Engineering, Vol. 12, No. 1.
- (34) **Poulos, H.G.** (1981) "General Report - Session No. 5 - Soil-Structure Interaction". Proc. 10th Int. Conf. Soil Mech. Fndn. Eng., Stockholm, Vol. 4.

1982

- (35) **Poulos, H.G.** (1982) "Developments in the Analysis of Static and Cyclic Lateral Response of Piles". 4th Int. Conf. Num. Methods in Geomechanics, Edmonton.
- (36) **Poulos, H.G.** (1982) "Influence of Cyclic Loading on Axial Pile Response". 2nd Int. Conf. Num. Meths. in Offshore Piling, Austin, pp. 419-440.
- (37) **Poulos, H.G.** (1982) "Single Pile Response to Cyclic Lateral Load". Jnl. Geot. Div. ASCE, Vol. 108, No. GT3, pp. 355-375.

1983

- (38) **Poulos, H.G.** (1983) "Cyclic Axial Pile Response - Alternative Analyses". ASCE Spec. Conf. on Geot. Practice in Offshore Eng., Austin, pp. 403-421.
- (39) **Poulos, H.G.** (1983) "Pile Foundations Subjected to Vertical Loading". Geot. Aspects of Coastal and Offshore Structures, Ed. Yudhbir and A.S. Balasubramaniam, A.A. Balkema, Rotterdam, pp. 61-78.
- (40) **Poulos, H.G.** (1983) "Pile Foundations Subjected to Lateral Loading". Geot. Aspects of Coastal and Offshore Structures, Ed. Yudhbir and A.S. Balasubramaniam, A.A. Balkema, Rotterdam, pp. 79-93.
- (41) **Poulos, H.G.** (1983) "Prediction of Performance of AIT Test Embankment". Geotech. Eng, Vol. 14, No. 2, pp. 147-163.
- (42) **Poulos, H.G.** (1983) "Parametric Solutions for Strip Footings on Swelling and Shrinking Soils". Proc. 5th Int. Conf. on Expansive Soils, Adelaide, pp. 149-153.

1984

- (43) **Poulos, H.G.** (1984) "Cyclic Degradation of Pile Performance in Calcareous Soils". Analysis and Design of Pile Foundations, ASCE, pp. 99-118.
- 1985**
- (44) **Poulos, H.G.** (1985) "Foundation Problems in Marine Calcareous Sands". Proc. Int. Symp. on Ocean Space Utilization, Tokyo, pp. 485-495.
- (45) **Poulos, H.G.** (1985) "Ultimate Lateral Pile Capacity in Two-Layer Soil". Geotech. Eng, Vol. 16, No. 1, pp. 25-37.
- 1986**
- (46) **Poulos, H.G.** (1986) "Some Recent Developments in Pile Design and Determining of Pile Parameters". Keynote Lecture, Proc. Symp. on Piled Foundations for Engineering Structures, Auckland, pp. 1-17.
- (47) **Poulos, H.G.** (1986) "Engineering Properties of Bass Strait Sediments". Recent Sediments in Eastern Australia-Marine Through Terrestrial, Ed. E. Frankel, J.B. Keene and A.E. Waltho. Pub. Geol. Soc. Aus. NSW Dirn. No. 2, pp. 77-85.
- 1987**
- (48) **Poulos, H.G.** (1987) "Analysis of Residual Stress Effects in Piles". Jnl. Geot. Eng., ASCE, Vol. 113, No. 3, pp. 216-229.
- 1988**
- (49) **Poulos, H.G.** (1988) "Contemporary Approaches to Pile Design". Keynote Lecture, First Hellenic Conf. on Geotechnical Eng., Athens, Vol. 1, pp. 1-18.
- (50) **Poulos, H.G.** (1988) "From Theory to Practice in Pile Design". 2nd E.H. Davis Memorial Lecture, C.E. Trans. I.E. Aust., Vol. CE30, No. 3, pp. 107-137.
- (51) **Poulos, H.G.** (1988) "Modified Calculation of Pile-Group Interaction". Jnl. Geot. Eng., ASCE, Vol. 114, No. 6, pp. 697-706.
- (52) **Poulos, H.G.** (1988) "Cyclic Stability Diagram for Axially Loaded Piles". Jnl. Geot. Eng., ASCE, Vol. 114, No. 8, pp. 877-895.
- (53) **Poulos, H.G.** (1988) "Evaluation of Grouted Pile Friction from Grouted Section Tests", Eng. for Calc. Sediments, A.A. Balkema, Rotterdam, Vol. 2, pp. 627-637.
- 1989**
- (54) **Poulos, H.G.** (1989) "The Mechanics of Calcareous Sediments". John Jaeger Memorial Lecture. Aust. Geomechanics, Special Edition, pp. 8-41.
- (55) **Poulos, H.G.** (1989) "Prediction of Axial Behaviour of Piles". Predicted and Observed Axial Behaviour of Piles, Ed. R. J. Finno, ASCE Geot. Spec. Pub. No. 23, pp. 83-95.
- (56) **Poulos, H.G.** (1989) "Cyclic Axial Loading Analysis of Piles in Sand". Jnl. Geot. Eng. ASCE, Vol. 115, No. 6, pp. 836-852.

- (57) **Poulos, H.G.** (1989) "Pile Behaviour - Theory and Application". 29th Rankine Lecture. Geotechnique, Vol. 39, No. 3, pp. 365-415.
- 1990**
- (58) **Poulos, H.G.** (1990) "Design of Piles for Negative Friction". Piletalk International '90, Jakarta, pp. 123-129.
- 1991**
- (59) **Poulos, H.G.** (1991) "Analysis of Piled Strip Foundations". Computer Methods and Advances in Geomechanics, Ed., G. Beer, J. R. Booker, and J. P. Carter, A A Balkema, Vol. 1, pp. 183-191.
- (60) **Poulos, H.G.** (1991) "Pile Group Design by Conventional and Limit State Approaches". Aust. Geomechs., No. 20, pp. 54-70.
- (61) **Poulos, H.G.** (1991) "Foundation Economy via Pile-Raft Systems". Keynote Paper Piletalk 91, Kuala Lumpur, pp. 97-106.
- (62) **Poulos, H.G.** (1991) "Relationship Between Local Soil Conditions and Structural Damage in the 1989 Newcastle Earthquake". Aust. Civil Eng. Trans., I. E. Aust., Vol. CE33, No. 3, pp. 181-199.
- 1992**
- (63) **Poulos, H.G.** (1992) "Class A Predictions of Pile Behaviour". Proc. 6th Aust.-N.Z. Conf. Geomechs., Christchurch, Vol. 1, pp. 185-189.
- (64) **Poulos, H.G.** (1992) "Pile Foundation Settlement Prediction - Hand and Computer Methods". Int. Conf. on New Tech. for Foundn. Eng. Hanoi, Vietnam, Vol. 1, pp. 287-316.
- (65) **Poulos, H.G.** (1992) "Interaction Between Piles and Expansive Soil". Proc. 9th Asian Reg. Conf. Soil Mechs. Foundn. Eng. Bangkok, Vol. 2, pp. 325-329.
- 1993**
- (66) **Poulos, H.G.** (1993) "An Approach to Seismic Microzonation for Environmental Planning and Management". Envir. Management, Geo-Water and Eng. Aspects, Ed. Chowdhury and Sivakumar, Balkema, Rotterdam, pp. 49-62.
- (67) **Poulos, H.G.** (1993) "Piled Rafts in Swelling or Consolidating Soils". Jnl. Geot. Eng. ASCE, Vol 119, No. 2, pp. 374-380.
- (68) **Poulos, H.G.** (1993) "Thoughts on the Future of Geomechanics Research in Australia". Aust. Geomechs. No. 23 (March), pp. 9-10.
- (69) **Poulos, H.G.** (1993) "Effect of Earthquakes on Settlement and Axial Pile Response in Clays". Aust. Civ. Eng. Trans. I.E. Aust. Vol. CE35, No. 1, pp. 43-48.
- (70) **Poulos, H.G.** (1993) "Settlement of Bored Pile Groups". Deep Foundations on Bored and Auger Piles, Ed. Van Impe, Balkema, Rotterdam, pp. 103-117.
- (71) **Poulos, H.G.** (1993) "Patterns and Practices in Future Geotechnical Engineering Education". Proc. 13th ICSMFE, New Delhi, Vol. 5, pp.245-253.

- (72) **Poulos, H.G.** (1993) "An Approximate Numerical Analysis of Pile-Raft Interaction". Int. Jnl. Num. Anal. Methods in Geomechs., Vol. 18, pp. 73-92.
- (73) **Poulos, H.G.** (1993) "Alternative Design Strategies for Piled Raft Foundations". Keynote paper, 3rd Int. Conf. on Deep Foundn. Practice, Singapore, pp. 239-244.
- (74) **Poulos, H.G.** (1993) "Design of Underpinning Piles to Reduce Settlement". Vert. and Horzl. Deformns. of Foundns. and Embankments, Geotech. Spec. Pub. No. 40, ASCE, New York, Vol. 2, pp. 1000-1010.
- (75) **Poulos, H.G.** (1993) "Settlement Prediction for Driven Piles and Pile Groups". Vert. and Horzl. Deformns. of Foundns. and Embankments, Geotech. Spec. Publ. No. 40, ASCE, New York, Vol. 2, pp. 1629-1649.
- (76) **Poulos, H.G.** (1993) "Class A Prediction of Shallow Footings Settlements". Pred. and Msd. Behaviour of Five Spread Footings on Sand. Geotech. Spec. Pub. No. 41, ASCE, New York, pp. 133-136.
- (77) **Poulos, H.G.** (1993) "Design of Piles Subjected to Lateral Soil Movements". Keynote Lecture, Proc. 5th Indonesian Geotechnical Conference, Jakarta, pp. 1-32.
- (78) **Poulos, H.G.** (1993) "Analysis and Design of Piles Through Embankments". Proc. Int. Conf. on Des. and Constrn. of Deep Foundations, Orlando, Florida, Vol. 3, pp. 1403-1421.
- (79) **Poulos, H.G.** (1993) "Effect of Pile Driving on Adjacent Piles in Clay". Can. Geot. Jnl., Vol. 31, No. 6, pp. 856-867.

1994

- (80) **Poulos, H.G.** (1994) "Patterns and Practices in Future Geotechnical Engineering Education". Proc. 13th ICSMFE, New Delhi, Vol. 5, 245-253.
- (81) **Poulos, H.G.** (1994) "An Approximate Numerical Analysis of Pile-Raft Interaction". Int. Jnl. Num. Anal. Methods in Geomechs., Vol. 18, 73-92.
- (82) **Poulos, H.G.** (1994) "Alternative Design Strategies for Piled Raft Foundations". Keynote paper, 3rd Int. Conf. on Deep Foundn. Practice, Singapore, 239-244.
- (83) **Poulos, H. G.** (1994) "Design of Underpinning Piles to Reduce Settlements". Vert. and Horzl. Deformns. of Foundns. and Embankments, Geotech. Spec. Pub. No. 40, ASCE, New York, Vol. 2, 1000-1010.
- (84) **Poulos, H.G.** (1994) "Settlement Prediction for Driven Piles and Pile Groups". Vert. and Horzl. Deformns. of Foundns. and Embankments, Geotech. Spec. Publ. No. 40, ASCE, New York, Vol. 2, 1629-1649.
- (85) **Poulos, H.G.** (1994) "Class A Prediction of Shallow Footing Settlements". Pred. and Obs. Behaviour of Fire Spread Footings on Sand. Geotech. Spec. Pub. No. 44, ASCE, New York, 133-136.
- (86) **Poulos, H.G.** (1994) "Design of Piles Subjected to Lateral Soil Movements". Keynote Lecture, Proc. 5th Indonesian Geotechnical Conference, Jakarta, 1-32.
- (87) **Poulos, H.G.** (1994). "Analysis and Design of Piles Through Embankments". Proc. Int. Conf. On Des. and Constrn. Of Deep Foundations, Orlando, Florida, Vol. 3, 1403-1421.
- (88) **Poulos, H.G.** (1994). "Effect of Pile Driving on Adjacent Piles in Clay". Can. Geot. Jnl., Vol. 31, No. 6, 856-867.

1995

- (89) **Poulos, H.G.** (1995). "Design of Reinforcing Piles to Increase Slope Stability". Canadian Geot. Jnl., vol. 32, No. 5, 808-818.
- 1996**
- (90) **Poulos, H.G.** (1996). "A Comparison of Some Methods for the Design of Piles Through Embankments". Special Lecture. Proc. 12th S.E. Asian Geot. Conf., Kuala Lumpur, (IEM), Vol. 2, 157-167.
- (91) **Poulos, H.G.** (1996). "Professional Issues - General Report". Proc. 7th Aust. New Zealand Conf. on Geomechs., Adelaide, 939-942.
- (92) **Poulos, H.G.** (1996). "The Warren Centre Underground Space Project". Keynote Lecture, Proc. 9th Aust. Tunnelling Conf. I.E. Aust., Sydney, 317-327.
- 1997**
- (93) **Poulos, H.G.** (1997). "Failure of a Building Supported on Piles". Proc. Int. Conf. On Foundation Failures, Singapore, I.E.S., 53-66 (Invited lecture).
- (94) **Poulos, H.G.** (1997). "Piles Subjected to Negative Friction: A Procedure for Design". Geot. Eng., Vol. 28, No. 1, 23-44.
- (95) **Poulos, H.G.** (1997). "Behaviour of Pile Groups with Defective Piles". Proc. 14th Int. Conf. Soil Mechs. Foundn. Eng., Hamburg, Balkema, Rotterdam, Vol. 2, 871-876.
- 1998**
- (96) **Poulos, H.G.** (1998). "The Design of Piles with Particular Reference to the Australian Piling Code". Symp. on Recent Developments in Piling In-Situ, Sydney, AGS, 1-21. Re-published in Australian Geomechanics, Dec. 1999, 25-39.
- (97) **Poulos, H.G.** (1998). "A Method for Analyzing Piled Embankments". Proc. 13th S.E. Asian Geot. Conf., Taipei, 1: 551-556.
- 1999**
- (98) **Poulos, H.G.** (1999). "Common Procedures for Foundation Settlement Analysis – Are They Adequate?" Keynote Lecture, Proc. 8th Aust. – New Zealand Conf. Geomechanics, Hobart, 1: 1-25.
- (99) **Poulos, H.G.** (1999). "Some Aspects of the Design of Piled Raft Foundations". Anal. Design and Constrn. and testing of Deep Founds., Ed. J.M. Roeset, ASCE Geot. Spec. Pub. No. 88, 96-114.
- (100) **Poulos, H.G.** (1999). "Geotechnical Education Towards 2000". Theme Lecture, Proc. 14th Int. Conf. Soil Mechs. & Found. Eng., Hamburg, A.A. Balkema, Rotterdam, 4: 2565-2572.
- (101) **Poulos, H.G.** (1999). "Pile Defects – Influence on Foundation Performance". Keynote Lecture, Proc. 4th Int. Conf. on Deep Founds., Singapore, CI Premier, 57-69.
- (102) **Poulos, H.G.** (1999). "Design of Slope Stabilizing Piles". Keynote Lecture, Slope Stability Eng., Ed. Yagi, Yamaguchi & Jiang, A.A. Balkema, Rotterdam, 1:83-100.
- (103) **Poulos, H.G.** (1999). "The Effects of Ground Movements on Pile Foundations". Darmstadt geotechnics, @; (4): 237-254.

(104) **Poulos, H.G.** (1999). "Approximate Computer Analysis of Pile Groups Subjected to Loads and Ground Movements." *Int. Jnl. Num. Anal. Methods in Geomechs.*, 23: 1021-1041.

(105) **Poulos, H.G.** (1999). "The Design of Piles With Particular Reference to the Australian Piling Code". *Aust. Geomechanics*, 34(4): 25-39.

2000

(106) **Poulos, H.G.** (2000). "Some Aspects of Pile Skin Friction in Calcareous Sediments". *Engineering for Calcareous Sediements*, Ed. Al-Shafei, Balkema, Rotterdam, 2: 457-471.

(107) **Poulos, H.G.** (2000). "Pile Load Test Methods – Applications and Limitations". *Libro Homenage a Jose Antonio Jimenez Salas, geotecnica en al ano 2000*. Soc. Espanola de Mecanica del Suelo e Ingeeria Geotecnica, Madrid, 101-109.

(108) **Poulos, H.G.** (2000). "Pile Testing – From the Designer's Viewpoint". *Statnamic Loading Test*, Ed. Kusakabe, Kuwabara & Matsumoto, Balkema, Rotterdam, 3-21.

(109) **Poulos, H.G.** (2000). "The Pile-Enhanced Raft – An Economical Foundation System". *Keynote lecture, Proc. 11th Brazilian Congress on Soil Mechs.*, Brasilia, 4: 27-43.

(110) **Poulos, H.G.** (2000). "Pile-Raft Interaction – Alternative Methods of Analysis". *Devels. in Theoretical Geomechs.*, Ed. D.W. Smith & J.P. Carter, Balkema, Rotterdam, 445-463.

2001

(111) **Poulos, H.G.** (2001). "Piled Raft Foundations – Design and Applications". *Geotechnique*, 51(2): 95-113

(112) **Poulos, H.G.** (2001). "Geotechnical Education for 2000 and Beyond". *Keynote Lecture, Proc. 11th Asian Regional Conf. Soil Mechs. Geot. Eng.*, Seoul, Hong et al, Eds., Swets and Zeitlinger, 2: 579-590.

2002

(113) **Poulos, H.G.** (2002). "Simplified Design Procedure for Piled Raft Foundations". *Deep Foundations 2002*, Ed. M.W. O'Neill and F.C. Townsend, ASCE Spec. Geot. Pub. 116, 1:441-458.

(114) **Poulos, H.G.** (2002). "Experiences with Soil Structure Interaction in the Far East". *Keynote Lecture, Proc. 2nd Int. Conf. Soil-Struct. Interaction in Civil Eng.*, Zurich, 1:39-65.

2003

(115) **Poulos, H.G.** (2003). "The Significance of Ground Characterization for Foundation Deformation Prediction". *Chin Fung Kee Lecture, Geotechnical Engineering*, Ed. K.K. Ho and K.S. Li, Balkema Rotterdam, 3: 125-145.

(116) **Poulos, H.G.** (2003). "Slope Stabilization with Piles". *Jubilee Volume, Vienna Technical University*, 2nd Ed., 23-40.

(117) **Poulos, H.G.** (2003). "Deep Foundations – Can Further Research Assist Practice?" *Theme Lecture, Deep Foundations on Bored and Auger Piles*, Van Impe (Ed.), Millpress, Rotterdam, 45-55.

(118) **Poulos, H.G.** (2003). "Analysis of Soil Extraction for Correcting Uneven Settlement of Pile Foundations". *Proc. 12th Asian Reg. Conf. SMGE*, Singapore, Ed. C.F. Leung et al, World Scientific, New Jersey, 1: 653-656.

- (119) **Poulos, H.G.** (2003). "Pile Performance Prediction for the Emirates Project, Dubai". Proc. Soil and Rock America 2003, Ed. Culligan, Einstein and Whittle, Verlag Gluckhauf GMBH, Essen, 3:1885-1894.
- (120) **Poulos, H.G.** (2003). "Effects of Urban Construction on Existing Pile Foundations". State-of-the-Art Report, XIII European Conf. Soil Mechs. And Geot. Eng., Prague, Ed. I. Vanicek et al, 3: 401-424.

2004

- (121) **Poulos, H.G.** (2004). "An Approach for Assessing Geotechnical Reduction Factors for Pile Design". Proc. 9th Australia-New Zealand Conf. on Geomechanics, Auckland, 1: 109-115.
- (122) **Poulos, H.G.** (2004). "Success and Failure in Predicting Pile Performance". S.O.A. paper 4, Proc. 5th Int. Conf. On Case Histories in Geotech. Engineering, New York, CD Volume.
- (123) **Poulos, H.G.** (2004). "Clay Seams Below a Pile Tip – How Much do they Affect Pile Performance?". Geotechnical & Geophysical Site Characterization, Ed. A.V. de Fonseca & P.W. Mayne, Millpress, Rotterdam, 2: 1543-1549.
- (124) **Poulos, H.G.** (2004). "The Consequences of Defective Piles for Two High-Rise Buildings in Hong Kong". Keynote Lecture, Proc. Int. Conf. On Structural & Foundn. Failures, Singapore.
- (125) **Poulos, H.G.** (2004). "Excavation Effects on Existing Pile Foundations". Keynote Lecture, Deep Excavation, Selected Topics, Ed. V. Li & A. Maxwell, CRPD & Coffey Asia, Hong Kong, 1-23.

2005

- (126) **Poulos, H.G.** (2005). "Piled Raft and Compensated Piled Raft Foundations for Soft Soil Sites" Advances in Designing and Testing Deep Foundations, ed. C. Vipulanandan & F.C. Townsend, ASCE Geot. Spec. Pub. No. 129, 214-234.
- (127) **Poulos, H.G.** (2005). "Pile Behavior – Consequences of Geological and Construction Imperfections". 40th Terzaghi Lecture, Jnl. Geotech. & Geoenviron. Eng., ASCE, Vol. 131 (5): 538-563.
- (128) **Poulos, H.G.** (2005). "The Influence of Construction Side Effects on Existing Pile Foundations". Geotechnical Eng., 36(1): 51-67.

2006

- (129) **Poulos, H.G.** (2006). "Pile Settlement Above and Around Tunnelling Operations". Aust. Geomechanics, 41(1): 79-88.
- (130) **Poulos, H.G.** (2006). "Ground Movements – a Hidden Source of Loading on Deep Foundations". 2006 John Mitchell Lecture, Proc. 10th Int. Conf. on Piling and Deep Foundns., Amsterdam, DFI, 2-19.
- (131) **Poulos, H.G.** (2006). "Pile Group Settlement Estimation – Research to Practice". Keynote Paper, Foundation Analysis and Design, Innovative Methods, ED. R.L. Parsons et al, ASCE GSP No. 153, 1-22.
- (132) **Poulos, H.G.** (2006). "Use of Stiffness Inserts in Pile Groups and Piled Rafts" Geotechnical Engineering, ICE, 159(GE3): 153-160.
- (133) **Poulos, H.G.** (2006). "The Application of Piled Raft Foundations Systems to Soft Clay Sites". ATC7 Symposium, Seoul, Korea.

2007

- (134) **Poulos, H.G. (2007).** “Applications of Piling for Infrastructure Development”. Vienna Terzagi Lecture, Proc. 6th Österreichische Geotechniktagung, 11-56, Herausgeber, Wien.
- (135) **Poulos, H.G. (2007).** Design charts for piles supporting embankments on soft clay”. Jnl. Geot. & Geoenv. Eng., ASCE, 133(5): 493-501.
- (136) **Poulos, H.G. (2007).** “Piling design for Hong Kong – an external viewpoint”. Keynote lecture, Hong Kong Institution of Engineers Annual Seminar, 2007, HKIE, 1-9.
- (137) **Poulos, H.G. (2007).** “Ground movements – a hidden source of loading on deep foundations”. DFI Journal, Vol. 1 (1): 37-53.

2008

- (138) **Poulos, H.G. (2008).** “A practical design approach for piles with negative friction”. Proc. Instn. Civil Engrs., Geotechnical Engineering, 161(GE1): 19-27.
- (139) **Poulos, H.G. (2008).** “Simulation of the performance and remediation of imperfect pile groups”. Deep Foundations on Bored and Auger Piles, BAP V, van Impe and van Impe (Eds.), Taylor and Francis, London, 143-154.
- (140) **Poulos, H.G. (2008).** “A framework for forensic foundation engineering”. Proc. 4th Int. Conf. Forensic Engineering, Ed. B.S. Neale, Instn. Civ. Engrs., London, 247-258.

2009

- (141) **Poulos, H.G. (2009).** “A systematic approach to forensic foundation engineering”. Civil Engineering, May 2009, Instn. Civ. Engrs., London, 162 (Special Issue 1): 38-43.
- (142) **Poulos, H.G. (2009).** “Foundation system design for tall buildings”. Proc. 7th Int. Conf. Tall Buildings, Hong Kong, Ed. F.T.K. Au, Research Publishing, 39-60.
- (143) **Poulos, H.G. (2009).** “Tall buildings and deep foundations – Middle East challenges”. Terzaghi Oration, Proc. 17th Int. Conf. Soil Mechs. & Geot. Eng., Alexandria, IOS Press, Amsterdam, 4: 3173-3205.

2010

- (144) **Poulos, H.G. (2010).** “High-Rise Building Foundations – a Limit State Design Approach”. The Art of Foundation Engineering Practice, ASCE, Geot. Spec. Pub. No. 198, 501-516.
- (145) **Poulos, H.G. (2010).** “Foundation Design Incorporating Existing Foundation Elements”. Proc. DFI/EFEC Conf., on Geot. Challenges in Urban Regeneration, London, 212-220.
- (146) **Poulos, H.G. (2010).** “Significance of Interaction and Non-Linearity in Piled Raft Foundation Design”. Soil-Foundation-Structure Interaction, Ed. R.P. Orense, N. Chouw and M.J. Pender, CRC Press, Boca Raton, 187-192.
- (147) **Poulos, H.G. (2010).** “The Design of Foundations for High-Rise Buildings”. Civil Engineering, Vol. 163, Special Issue No. 2, ICE London, 27-32.

2011

- (148) **Poulos, H.G.** (2011). "The Design of High-Rise Building Foundations". Keynote Lecture, Geotechnics for Sustainable Development, Ed. Phung duc Long, Construction Publishing House, Hanoi, 243-255.
- (149) **Poulos, H.G.** (2011). "Application of Piling to Infrastructure Development". Keynote Lecture, Int. Conf. On Advances in Geot. Eng., Perth, Australia, Curtin Univ., Ed. M.A Shain and H.R. Nikraz, 3-20.

2012

- (150) **Poulos, H.G.** (2012). "Foundation Design for Tall Buildings". State-of-Practice Paper, Geotechnical Engineering State of the Art and Practice, Ed. K. Rollins & D. Zekkos, ASCE GSP 226, 786-809.
- (151) **Poulos, H.G.** (2012). "Pile Testing and Settlement Prediction". Full-Scale Testing and Foundation Design, Ed. M.H. Hussein, K.R. Massarch, G.E. Likins and R.D. Holtz, ASCE GSP 227, 630-649.
- (152) **Poulos, H.G.** (2012). "Foundation Challenges for Tall Buildings in the Middle East". GeoStrata, Geoinstitute ASCE, November 2012: 32-37.

2013

- (153) **Poulos, H.G.** (2013). "Tall Building Foundation Design – the 151 Storey Incheon Tower". Proc. 7th Int. Conf. Case Histories in Geot. Eng., Wheeling IL, Ed. S. Prakash, State-of-the-Art and Practice Paper No. SOAP 8, CD Volume, ISBN: 1-887009-17-5.
- (154) **Poulos, H.G.** (2013). "Pile design for Ground Movements". Proc. Pile 2013, State of the Art of Pile Foundations and Pile Case Histories, Ed. P.P. Rahardjo, D. Choudhury and B. Widadja, Bandung Indonesia, pp A2-1 - A2-18.

(d) Joint Papers

1963

- (1) Davis, E.H. and **Poulos, H.G.** (1963) "Triaxial Testing and Three-Dimensional Settlement Analysis". Proc. 4th Australia-New Zealand Conf. Soil Mechs. and Fnd. Eng. p. 233.

1965

- (2) Davis, E.H. and **Poulos, H.G.** (1965) "Analysis Of Settlement Under Three-Dimensional Conditions". Symposium Of Soft Ground Engineering, Brisbane.

1967

- (3) Davis, E.H. and **Poulos, H.G.** (1967) "Laboratory Investigations Of The Effects Of Sampling". Civil Engineering Trans. Of Inst. Of Engrs. Aust., Vol. CE9, No. 1, p. 88.

1968

- (4) Davis, E.H. and **Poulos, H.G.** (1968) "The Use Of Elastic Theory For Settlement Prediction Under Three-Dimensional Conditions". Geotechnique, 18:67-91.

- (5) **Poulos, H.G.** and Davis, E.H. (1968) "The Settlement Behaviour Of Single Axially-Loaded Incompressible Piles and Piers". *Geotechnique*, 18:351-371.

1969

- (6) Mattes, N.S. and **Poulos, H.G.** (1969) "Settlement Of A Single Compressible Pile". *Jnl. Soil Mechs. and Fndns. Div. Amer. Soc. Civil Engrs*, Vol. 95, No. SM1, Pp. 189-207.
- (7) **Poulos, H.G.** and Mattes, N.S. (1969) "The Behaviour Of Axially-Loaded End-Bearing Piles". *Geotechnique*, 19:285-300.
- (8) **Poulos, H.G.** and Mattes, N.S. (1969) "The Analysis Of Downdrag In End-Bearing Piles Due To Negative Friction". *Proc. 7th Int. Conf. Soil Mechs. Fndn. Eng.*, Vol. 2., pp. 203-209.
- (9) Davis, E.H. and **Poulos, H.G.** (1969) "A Summary Of Some Recent Solutions For The Theoretical Behaviour Of Piles". *7th Int. Conf. Soil Mechs and Fndn. Engineering*, Specially Session No. 8.
- (10) Smiles, D.F. and **Poulos, H.G.** (1969) "The One-Dimensional Consolidation Of Columns Of Soil Of Finite Length". *Aust. Jnl. Soil Research*, 7, pp. 285-291.

1971

- (11) **Poulos, H.G.** and Mattes, N.S. (1971) "Settlement and Load Distribution Analysis Of Pile Groups". *Aust. Geomechanics Journal*, Vol. G1, No. 1, pp. 18-28.
- (12) **Poulos, H.G.** and Mattes, N.S. (1971) "Displacements In A Soil Mass Due To Pile Groups". *Aust. Geomechanics Journal*, Vol. G1, No. 1, pp. 29-35.
- (13) D'Appolonia, D.J., Lambe, T.W. and **Poulos, H.G.** (1971) "Evaluation Of Pore Pressures Beneath An Embankment". *Jnl. Soil Mechs. and Fndns. Div. Amer. Soc. Civil Engrs*. Vol. 97, No. SM6, pp. 881-897.
- (14) Mattes, N.S. and **Poulos, H.G.** (1971) "Model Tests On Piles In Clay". *Proc. 1st Australia-New Zealand Geomechanics Conf.*, Melbourne, p. 254-259.
- (15) **Poulos, H.G.** and Madhav, M.R. (1971) "Analysis Of The Movement Of Battered Piles". *Proc. 1st Australia-New Zealand Geomechanics Conf.*, Melbourne, pp. 268-275.
- (16) D'Appolonia, D.J., **Poulos, H.G.** and C.C. Ladd. (1971) "Initial Settlement Of Structures On Clay". *Jnl. Soil Mech. and Fndns. Div. Amer. Soc. Civil Engrs*. Vol. 97, No. SM10.

1972

- (17) **Poulos, H.G.** and C.M. Gerrard. (1972) "Use Of Computers In Geomechanics". *1st Nat. Conf. On Use Of Computers In Civil Engineering*, Brisbane, pp. 237-289.
- (18) **Poulos, H.G.**, Booker, J.R. and Ring, G.J. (1972) "Simplified Calculation Of Embankment Deformations", *Soils and Foundations*. Vol. 12, No. 4, pp. 1-17.
- (19) **Poulos, H.G.** and Davis, E.H. (1972) "Laboratory Determination On In-Situ Horizontal Stress In Soil Masses". *Geotechnique*, Mar., Vol. 22, No. 1, pp. 177-182.
- (20) Davis, E.H. And **Poulos, H.G.** (1972) "Rate Of Settlement Under Three Dimensional Conditions", *Geotechnique*, March, Vol. 22, No. 1, pp. 95-114.

- (21) **Poulos, H.G.** and Davis, E.H. (1972) "The Development Of Negative Friction With Time In End-Bearing Piles". Australian Geomechanics Journal, Vol. G2, No. 1, pp. 11-20.

- (22) Davis, E.H. and **Poulos, H.G.** (1972) "The Analysis Of Pile-Raft Systems", Australian Geomechanics Jnl., Vol. G2, No. 1, pp. 21-27.

1973

- (23) **Poulos, H.G.** and Davis, E.H. (1973) "Theory Of Piles In Swelling and Shrinking Soils". Proc. 8th Int. Conf. Soil Mech. and Found. Eng. Moscow, Vol. 2.2, pp. 169-176.

1974

- (24) **Poulos, H.G.** and Mattes, N.S. (1974) "Settlement Of Pile Groups Bearing On Stiffer Strata". Jnl. Geot. Eng. Div. ASCE, Vol. 100, Np. GT2, pp. 185-190.

- (25) **Poulos, H.G.** and Ahlston, A.T. (1974) "A Study Of The Deformation Parameters Of Kaolin". Proc. 1st Aust. Conf. On Eng. Materials University Of NSW, Sydney, pp. 371-384.

- (26) Booker, J.R. and **Poulos, H.G.** (1974) "Analysis Of Embankment Deformations Due To Water Loading". Geotechnical Engineering, Vol. 5, No. 1, pp. 73-87.

1975

- (27) **Poulos, H.G.** and Mattes, N.S. (1975) "A Theoretical Examination Of Errors In Measured Settlement Of Test Piles". 2nd Australian-New Zealand Conf. On Geomechanics, Brisbane, pp. 174-178.

- (28) Carter, J.P., **Poulos, H.G.** and Booker, J.R. (1975) "Effect Of Seepage On Embankment Deformations Due To Water Loading". 2nd Australian-New Zealand Conf. On Geomechanics, Brisbane, pp. 159-163.

- (29) **Poulos, H.G.** and Davis, E.H. (1975) "Prediction Of Downdrag Forces In End-Bearing Piles". Jnl. Geot. Div. ASCE Vol. 101, No. GT2, p. 189.

- (30) Brown, P.T., **Poulos, H.G.** and Wiesner, T.J. (1975) "Piled Raft Foundation Design". Proce. Symp. On Raft Foundations, CSIRO, Perth, WA, pp. 13-21.

- (31) Balaam, N.P., **Poulos, H.G.** and Booker, J.R. (1975) "Finite Element Analysis Of The Effects Of Installation On Pile-Load Settlement" Geotechnical Eng. Vol. 6, No. 1, pp. 33-48.

- (32) Davis, E.H. and **Poulos, H.G.** (1975) "Predicted and Measured Behaviour Of An Embankment On Boston Blue Clay". Aust. Geomechs. Jnl. Vol. G5, No. 1, pp. 1-9.

- (33) De Ambrosis, L.P. and **Poulos, H.G.** (1975) "Use Of A Phenomenological Model To Analyse Soil Creep". Geotechnical Engineering, Vol. 6, No. 2, pp. 95-118.

1976

- (34) **Poulos, H.G.**, De Ambrosis, L.P. and Davis, E.H. (1976) "Method Of Calculating Long-Term Creep Settlement". Jnl. Geot. Divn., ASCE, Vol. 102, No. GT7, pp. 787-804.

- (35) Booker, J.R. and **Poulos, H.G.** (1976) "Analysis Of Creep Settlement Of Foundations". Jnl. Geot. Eng. Divn., ASCE, Vol. 102, No. GT1, pp. 1-14.

- (36) Booker, J.R. and **Poulos, H.G.** (1976) "Finite Element Analysis Of Piles In Viscoelastic Soil". 2nd Int. Conf. On Num. Methods In Geomechanics, pp. 425-437.

- (37) Balaam, N.P., **Poulos, H.G.** and Booker, J.R. (1976) "Analysis Of Granular Pile Behaviour Using Finite Elements". International Conference On Finite Element Methods In Engineering, Adelaide, pp. 29.1-29.13.

1977

- (38) Ladd, C.C., Foott, R., Ishihara, K. Schlosser, F. and **Poulos, H.G.** (1977) "Stress-Deformation and Strength Characteristics". State Of The Art Report, 9th Int. Conf. Soil Mech. and Foundn. Eng., Tokyo, Vol. 2, pp. 421-494.

- (39) Balaam, N.P., **Poulos, H.G.** and Brown, P.T. (1977) "Settlement Analysis Of Soft Clays Reinforced With Granular Piles". Proc. 5th SE Asian Conf. Soil Eng., Bangkok, pp. 81-92.

1978

- (40) Balaam, N.P. and **Poulos, H.G.** (1978) "Methods Of Analysis Of Single Stone Columns", Symp. On Soil Reinf. and Stab. Techniques, NSW Inst. Tech., Sydney, pp. 497-512.

- (41) Brown, B.S. and **Poulos, H.G.** (1978) "Finite Element Analysis Of Reinforced Earth Embankments". Symp. On Soil Reinf. and Stab. Techniques, NSW Inst. Tech., Sydney, pp. 233-252.

1979

- (42) Rowe, R.K. and **Poulos, H.G.** (1979) "A Method For Predicting The Effect Of Piles On Slope Behaviour". Proc. 3rd Int. Conf. Num. Methods In Geomechs., Aachen, Vol. 3, pp. 1073-1085.

- (43) **Poulos, H.G.** and Adler, M.A. (1979) "Lateral Response Of Piles Of Non-Uniform Section". Proc. 6th Asian Reg. Conf. Soil Mechs. Fndn. Eng., Singapore, Pp. 327-331.

1980

- (44) Davis, E.H. and **Poulos, H.G.** (1980) "The Relief Of Negative Skin Friction On Piles By Electro-Osmosis". 3rd Australia-New Zealand Conf. Geomechs., Wellington.

1981

- (45) Brown, B.S. and **Poulos, H.G.** (1981) "Analysis Of Foundations On Reinforced Soil". Proc. 10th Int. Conf. Soil Mech. Fndn. Eng., Stockholm, Vol. 3, pp. 595-598.

1982

- (46) Swane, I.C. and **Poulos, H.G.** (1982) "A Theoretical Study Of The Cyclic Shakedown Of Laterally Loaded Piles". Proc. 4th Int. Conf. Num. Methods In Geomechanics, Edmonton.

- (47) Randolph, M.F. and **Poulos, H.G.** (1982) "Estimating The Flexibility Of Offshore Pile Groups". 2nd Int. Conf. Num. Meths. In Offshore Piling, Austin, Texas.

- (48) **Poulos, H.G.**, Uesugi, M. and Young, G.S. (1982) "Strength and Deformation Properties Of Bass Strait Carbonate Sands". Geot. Eng. Vol. 13, No. 2, pp. 189-211.

- (49) Carter, J.P., Booker, J.R. and **Poulos, H.G.** (1982) "Finite Element Analysis Of The Creep Behaviour Of Laterally Loaded Piles". 4th Int. Conf. In Aust. On Finite Element Methods, Melbourne, pp. 99-103.

1983

- (50) **Poulos, H.G.** and M.F. Randolph. (1983) "A Study Of Two Methods For Pile Group Analysis". Jnl. Geot. Eng. Divn., ASCE, Vol. 109, No. GT3.
- (51) Balaam, N.P. and **Poulos, H.G.** (1983) "The Behaviour Of Foundations Supported By Clay Stabilised By Stone Columns". Proc. 8th Eur. Conf. Soil Mechs. Foundn. Eng, Helsinki.

1984

- (52) Redman, P.G. and **Poulos, H.G.** (1984) "Study Of Two Field Cases Involving Undrained Creep". Geot. Eng. Jnl., ASCE, Vol. 110, No. 9, pp. 1307-1321.
- (53) **Poulos, H.G.**, Chua, E.W. and Hull, T.S. (1984) "Settlement Of Model Footings On Calcareous Sand". Geot. Eng., Vol. 15, No. 1, pp. 21-35.
- (54) **Poulos, H.G.**, Hull, T.S. and Chua, E.W. (1984) "Foundation Behaviour In Calcareous Sands". Proc. 9th Aust. Conf. On Mechs Of Struts and Materials, Sydney, pp. 28-32.

1985

- (55) Swane, I.C. and **Poulos, H.G.** (1985) "Shakedown Analysis Of A Laterally Loaded Pile Tested In Stiff Clay". Civ. Eng. Trans. I.E. Aust., Vol. CE27, No. 3, pp. 275-280.
- (56) Selby, A.R. and **Poulos, H.G.** (1985) "Lateral Load Tests On Model Pile Groups". Civ. Eng. Trans. I.E. Aust., Vol. CE27, No. 3, pp. 281-285.
- (57) Brown, B.S. and **Poulos, H.G.** (1985) "Analysis Of Full-Scale Experimental Reinforced Embankments". Civ. Eng. Trans. I.E. Aust., Vol. CE27, No. 3, pp. 269-274.
- (58) **Poulos, H.G.** and Chan, E.W. (1985) "Bearing Capacity Of Foundations On Calcareous Sand". Proc. 11th Int. Conf. Soil Mechs. Foundn. Eng, San Francisco, pp. 1619-1622.

1986

- (59) **Poulos, H.G.** and Hewitt, C.M. (1986) "Axial Interaction Between Dissimilar Piles In A Group". Proc. 3rd Int. Conf. Num. Methods In Offshore Piling, Nantes.
- (60) **Poulos, H.G.** and Hewitt, C.M. (1986) "Behaviour Of Pile Groups Containing Piles Of Unequal Length". Geotech. Eng, Vol. 17, No. 1, pp. 109-114.
- (61) Pressley, J.S. and **Poulos, H.G.** (1986) "Finite Element Analysis Of Mechanisms Of Pile Group Behaviour". Inst. Jnl. For Num. and Anal. Methods In Geomechanics, Vol 10, pp. 213-221.
- (62) **Poulos, H.G.** and Brown, P.T. (1986) "Problems In Determination Of Design Parameters From In-Situ Tests". Keynote Lecture, Symp. On Interpretation Of Field Testing For Design Parameters, Adelaide.
- (63) **Poulos, H.G.** and Chan, K.F. (1986) "Laboratory Study Of Pile Friction In Calcareous Sand". Geotech. Eng. Vol. 17, No 2.

- (64) Yuan, M. and **Poulos, H.G.** (1986) "Effect Of Loading Rate On Pile Skin Friction In Sands". Australian Geomechanics News, No. 11, pp. 19-23.

1987

- (65) Booker, J.R., Carter, J.P., Small, J.C., Brown, P.T. and **Poulos, H.G.** (1987) "Some Recent Applications Of Numerical Methods To Geotechnical Analysis". Proc. 5th Int. Conf. In Aust. On Finite Element Methods, Melbourne, p. 123-132.

1988

- (66) Allman, M.A. and **Poulos, H.G.** (1988) "Stress-Strain Behaviour Of An Artificially Cemented Calcareous Soil". Eng. For Calc. Sediments, A.A. Balkema, Rotterdam, Vol. 1, pp. 51-60.
- (67) Hull, T.S., **Poulos, H.G.** and Alehossein, H. (1988) "The Static Behaviour Of Various Calcareous Sediments". Eng. For Calc. Sediments, A.A. Balkema, Rotterdam, Vol. 1, pp. 87-96.
- (68) Kaggwa, W.S., **Poulos, H.G.** and Carter, J.P. (1988) "Response Of Carbonate Sediments Under Cyclic Triaxial Conditions". Eng. For Calc. Sediments, A.A. Balkema, Rotterdam, Vol. 1, pp. 97-108.
- (69) **Poulos, H.G.** and Chan, K.F. (1988) "Tests On Model Instrumented Piles In Calcareous Soil". Eng. For Calc. Sediments, A.A. Balkema, Rotterdam, Vol. 1, pp. 245-254.
- (70) **Poulos, H.G.** and Lee, C.Y. (1988) "Model Tests On Grouted Piles In Calcareous Sediment". Eng. For Calc. Sediments, A.A. Balkema, Rotterdam, Vol. 1, pp. 255-260.
- (71) Allman, M.A., **Poulos, H.G.**, Carter, J.P. and Yeung, S.K. (1988) "Model Footing Tests On Artificially Cemented Calcareous Soil". Proc. 5th Aust-New Zeal. Conf. On Geomechs., Sydney, pp. 268-272.
- (72) Hewitt, C.M. and **Poulos, H.G.** (1988) "Cyclic Axial Response Of Model Pile Groups In Clay". Proc. 5th Aust-New Zeal. Conf. On Geomechs., Sydney, pp. 521-525.
- (73) Lee, C.Y. and **Poulos, H.G.** (1988) "Predicted And Measured Performance Of Piles In Calcareous Soils". Proc. 5th Aust.- New Zeal. Conf. On Geomechs, Sydney, pp. 533-536.
- (74) Lee, C.Y. and **Poulos, H.G.** (1988) "Influence Of Excess Pore Pressures On Axial Offshore Pile Response". Geot. Eng., Vol. 19, No. 1, pp. 73-93.
- (75) Roper, H. and **Poulos, H.G.** (1988) "Glass-Mat Reinforced Epoxy Backings For Building Stone Strengthening". Eng. Geol. Of Ancient Works, Monuments And Historical Sites, A.A. Balkema, Rotterdam, Vol. 2, pp. 907-909.
- (76) Lee, C.Y. and **Poulos, H.G.** (1988) "Jacked Model Pile Shafts In Offshore Calcareous Soils". Marine Geotechnology, Vol. 7, No. 4, pp. 247-274.
- (77) **Poulos, H.G.**, Randolph, M.F. and Semple, R.M. (1988) "Evaluation Of Pile Friction From Conductor Tests". Eng. For Calc. Sediments, A.A. Balkema, Rotterdam, Vol. 3, pp. 599-605.
- (78) Randolph, M.F., **Poulos, H.G.** and Jewell, R.J. (1988) "Evaluation Of Pile Lateral Performance". Eng. For Calc. Sediments, A.A. Balkema, Rotterdam, Vol. 2, pp. 639-745.
- (79) Lee, C.Y. and **Poulos, H.G.** (1988) "Effective Stress Dependence Of Pile Shaft Capacity In Calcareous Sand". Jnl. Geot. Eng., ASCE, Vol. 114, No. 10, pp. 1189-1193.

- (80) Allman, M.A., Lee, C.Y. and **Poulos, H.G.** (1988) "Behaviour Of Model Grouted Piles In Cemented And Uncemented Calcareous Soils". Proc. BOSS 88 Conference, Trondheim, pp. 379-391.

1989

- (81) Booker, J.R., Carter, J.P., Small, J.C., Brown, P.T., and **Poulos, H.G.** (1989) "Some Recent Applications Of Numerical Methods To Geotechnical Analysis". Computers And Structures, Vol. 31, No. 1, pp. 81-92.
- (82) Lee, C.Y., Allman, M.A. and **Poulos, H.G.** (1989) "Static Behaviour Of Piles In Cemented Calcareous Sands". Foundation Engineering: Current Principles And Practices, Ed. F.H. Kulhawy, ASCE, New York, No. 1, pp. 485-499.
- (83) **Poulos, H.G.** and Hull, T.S. (1989) "The Role Of Analytical Geomechanics In Foundation Engineering". Foundation Engineering: Current Principles And Practices, Ed. F.H. Kulhawy, ASCE, New York, Vol. 2, pp. 1578-1606.
- (84) Kuwabara, F. and **Poulos, H.G.** (1989) "Downdrag Forces In Group Of Piles". Jnl. Geot. Eng., ASCE, Vol. 115, No. 6, pp. 806-818.
- (85) **Poulos, H.G.** and Lee, C.Y. (1989) "Behaviour Of Grouted Piles In Offshore Calcareous Sand". Proc. 12th ICSMFE, Rio De Janeiro, Vol. 2, pp. 955-958.
- (86) Wong, K.C., **Poulos, H.G.** and Thorne, C.P. (1989) "Expert Systems In Geotechnical Engineering". Proc. Aust. Conf. On Expert Systems In Eng., Arch, And Construction, Sydney, pp. 63-79.
- (87) Wong, K.C., **Poulos, H.G.** and Thorne, C.P. (1989) "Site Classification By Expert Systems". Computers And Geotechnics, Vol. 8, pp. 133-156.

1990

- (88) **Poulos, H.G.**, Lee, C.Y. and Small, J.C. (1990) "Predictions For An Embankment Built To Failure On Malaysian Marine Clay". Proc. Int. Symp On Trial Embankments On Malaysian Marine Clays, Kuala Lumpur, Vol. 2, pp. 1.22-1.31.
- (89) Lee, C.Y. and **Poulos, H.G.** (1990) "Axial Response Analysis Of Piles In Vertically And Horizontally Non-Homogeneous Soils". Computers And Geotechnics, Vol. 9, No. 3, pp. 133-148.
- (90) Lee, C.Y. and **Poulos, H.G.** (1990) "Behaviour Of Offshore Piles Subjected To Storm Loading". Geot. Eng., Vol. 21, pp. 193-210.
- (91) Rahman, M.S., **Poulos, H.G.** and Hwang C-W. (1990) "On Sea Floor Instability: Mechanics And Analysis". Reviews In Aquatic Sciences, Vol. 3, Issue 1, pp. 81-93.
- (92) **Poulos, H.G.** and Sim, K.B. (1990) "Engineered Piles To Improved Cyclic Load Capacity". Marine Geotechnology, Vol. 9, pp. 131-140.
- (93) Chin, J.T., Chow, Y.K. and **Poulos, H.G.** (1990). "Numerical Analysis Of Axially Loaded Vertical Piles And Pile Groups". Computers And Geotechnics, Vol. 9, No. 4, pp. 273-290.

1991

- (94) Lee, C.Y., **Poulos, H.G.** and Hull, T.S. (1991). "Effect Of Seafloor Instability On Offshore Pile Foundations". Can. Geot. Jnl., Vol. 28, No. 5, pp. 729-737.

- (95) Chin, J.T. and **Poulos, H.G.** (1991). "Axially Loaded Vertical Piles And Pile Groups In Layered Soil". Int. Jnl. Num. Anal. Methods In Geomechs., Vol. 15, pp. 497-511.
- (96) Wong, K.C., **Poulos, H.G.** and Thorne, C.P. (1991). "Development Of Expert Systems For Pile Foundation Design". Aust. Civ. Eng. Trans., I. E. Aust., Vol. CE33, No. 2, pp. 119-127.
- (97) Pells, P.J.N., **Poulos, H.G.** and Best, R.J. (1991). "Rock Reinforcement Design For A Shallow Large Span Cavern". Proc. 7th Int. Congress On Rock Mechanics, Aachen, Vol. 2, pp. 1193-1198.
- (98) Lee, C.Y. and **Poulos, H.G.** (1991). "Tests On Model Instrumented Grouted Piles In Offshore Calcareous Soil". Jnl. Geotech. Eng., ASCE, Vol. 117, No. 11, pp. 1738-1753.
- (99) **Poulos, H.G.**, Lee, C.Y. and Small, J.C. (1991). "Predicted And Observed Behaviour Of A Test Embankment On Malaysian Soft Clay". Aust. Geomechs., No. 20, pp. 7-23.
- (100) Chin J.T. and Poulos H.G. (1991). "A "T-Z" Approach For Cyclic Axial Loading Analysis Of Single Piles". Computers And Geotechnics, Vol. 12, pp. 289-320.
- (101) Challa, P.K. and **Poulos, H.G.** (1991). "Behaviour Of Single Pile In Expansive Soil". Geotech. Eng. Vol. 22, No. 2, pp. 189-216.

1992

- (102) Hull, T.S., Lee, C.Y. and **Poulos, H.G.** (1992). "Behaviour Of Fixed And Free Head Piles In A Laterally Sliding Soil". Proc. 6th Aust.-N.Z. Conf. Geomechs, Christchurch, Vol. 1, pp. 151-156.
- (103) **Poulos, H.G.** and Al-Douri, R.H. (1992). "Influence Of Soil Density On Pile Skin Friction In Calcareous Sediments". Proc. 6th Aust.-N.Z. Conf. Geomech., Christchurch, Vol. 1, pp. 375-380.
- (104) Nielsen, A.F., Lord, D.B. and **Poulos, H.G.** (1992). "Dune Stability Considerations For Building Foundations". Aust. Civ. Eng. Trans. Instn. Engrs. Aust., Vol. CE34, No. 2, pp. 167-174.
- (105) Al-Douri, R.H. And **Poulos, H.G.** (1992). "Static And Cyclic Direct Shear Tests On Carbonate Sands". Geot. Testing Jnl., Astm, Vol. 15, No. 2, Pp. 138-157.
- (106) Lee, C.Y. and **Poulos, H.G.** (1992). "Static And Cyclic Load Tests On Model Grouted Piles". Geotech. Eng. Vol. 23, No. 1, pp. 5-27.
- (107) Chin, J.T. and Poulos H.G. (1992). "Cyclic Axial Pile Loading Analyses: A Comparative Study". Computers And Geotechnics, Vol. 13, No. 3, pp. 137-158.
- (108) Airey, D.W., Al-Douri, R.H. and **Poulos, H.G.** (1992). Estimation Of Pile Friction Degradation From Shearbox Tests". Geot. Testing Jnl., Astm, Vol. 15, No. 4, pp. 388-392.

1993

- (109) **Poulos, H.G.** Johnston, I.W. and Mostyn, G.R. (1993). "Priority Areas In Australian Geomechanics Research". Aust. Geomechs., No. 23, pp. 14-17.
- (110) Harrison, H.B. and Poulos H.G. (1993). "Jack William Roderick 1913-1990". Historical Records Of Aust. Science, Aust. Acad. Of Science, Vol. 9, No. 3, pp. 270-277.
- (111) Lee, C.Y. and **Poulos, H.G.** (1993). "Cyclic Analysis Of Axially Loaded Piles In Calcareous Soils". Can. Geotech. Jnl., Vol. 30, No. 1, pp. 82-95.

- (112) Chen, L. and **Poulos, H.G.** (1993). "Analysis Of Pile-Soil Interaction Under Lateral Loading Using Infinite And Finite Elements". Computers And Geotechnics, Vol. 15, No. 4, pp. 189-220.
- (113) Pells, P.J.N., Best, R.J. and **Poulos, H.G.** (1993). "Design Of Roof Support Of The Sydney Opera House Underground Parking Station". Proc. 8th Aust. Tunnelling Conf. Sydney, pp. 213-218.
- (114) Al-Douri, R.H., Hull, T.S. and **Poulos, H.G.** (1993). "Influence Of Test Chamber Boundary Conditions On Sand Bed Response". Geot. Testing Jnl., Vol. 16, No. 4, pp. 550-562.

1994

- (115) Al-Douri, R.H. and **Poulos, H.G.** (1994). "Cyclic Behaviour Of Pile Groups In Calcareous Sediments". Soils And Foundations, Vol. 34, No. 2, pp. 49-59.
- (116) Makarchian, M. and **Poulos, H.G.** (1994). "Numerical Study Of Underpinning By Piles For Settlement Control Of Strip Foundations". Vert. And Horizl. Deformns. Of Foundns. And Embankments, Geotech. Spec. Pub. No. 40, Asce, New York, Vol. 1, pp. 303-313.
- (117) Makarchian, M. and **Poulos, H.G.** (1994). "A Comparison Of Underpinning By Piles And Foundation Enlargement". Computer Methods And Advances In Geomechs., Siriwardane & Zaman (Eds), Balkema, Rotterdam, Pp. 2355-2360.
- (118) Chen, L. And **Poulos, H.G.** (1994). "A Method Of Pile-Soil Interaction Analysis For Piles Subjected To Lateral Soil Movement". Computer Methods And Advances In Geomechs, Siriwardane & Zaman (Eds)., Balkema, Rotterdam, pp. 2311-2316.
- (119) Makarchian, M. and **Poulos, H.G.** (1994). "Underpinning By Piles: A Numerical Study". Proc. 13th ICSMFE, New Delhi, Vol. 4, pp. 1467-1470.
- (120) Al-Douri, R.H. and **Poulos, H.G.** (1994). "Interaction Between Jacked Piles In Calcareous Sediments". Proc. 13th ICSMFE, New Delhi, Vol. 4, pp. 1669-1672.
- (121) Pell, R.J.N., Best, R.J. and **Poulos, H.G.** (1994). "Design Of Roof Support Of The Sydney Opera House Underground Parking Station". Tunnelling & Underground Space Technology, Vol. 9, No. 2, pp. 201-207.
- (122) Al-Douri, R.H. and **Poulos, H.G.** (1994). "Behaviour Of Pile Groups In Calcareous Sand". Geotech. Eng. Vol. 25, No. 2, pp 3-19.

1995

- (123) Al-Douri, R.H. and **Poulos, H.G.** (1995). "Predicted And Observed Cyclic Performance Of Piles In Calcareous Sand". Jnl. Geot. Eng., ASCE, Vol. 121, No. 1, pp 1-16.
- (124) **Poulos, H.G.** and Small, J.C. (1995). "Development Of New Design Charts For Concrete Industrial Slabs". Proc. Concrete 95 Toward Better Concrete Structures, Brisbane, Vol. 2, Pp. 615-624.
- (125) **Poulos, H.G.** And White, W. (1995). "Earthquake Response Of Typical Soil Deposits In The Newcastle Area". Proc. Conf. On Eng. Geology Of The Newcastle-Gosford Region, Newcastle, pp. 393-404.
- (126) Lee, C.Y., Hull, T.S. and **Poulos, H.G.** (1995). "Simplified Pile-Slope Stability Analysis". Computers And Geotechnics, Vol. 17, No. 1, pp. 1-16.

- (127) Al-Douri, R.H. and Poulos, H.G. (1995). "Predicted and Observed Cyclic Performance Of Piles In Calcareous Sand". Jnl. Geot. Eng., ASCE, Vol. 121, No. 1, 1-16.
- (128) Seedsman, R., **Poulos, H.G.** and Best, R. (1995). "Application Of Pile Theory To Ground Support Design". Proc. Underground Operators Conf. Kalgoorlie, 3-8.
- (129) Love, D.N., Bierbaum, S.J., **Poulos, H.G.** and Greenhalgh, S.A. (1995). "Seismic Risk Analysis and Microzonation Of Adelaide". Proc. Pacific Conf. On Earthquake Eng. Melbourne, Vol. 2, 59-67.
- (130) Tabucanon, J.T., Airey, D.W. and **Poulos, H.G.** (1995). "Pile Skin Friction In Sands From Constant Normal Stiffness Tests". Geot. Testing Jnl., ASTM, Vol. 18, No. 3, 350-364.
- (131) **Poulos, H.G.**, Chen, L.T. and Hull, T.S. (1995). "Model Tests On Single Piles Subjected To Lateral Soil Movement". Soils and Foundations, Vol. 35, No. 4, 85-92.

1996

- (132) Makarchian, M. and **Poulos, H.G.** (1996). "A Theoretical Study Of Underpinning Of Rigid Circular Foundations By Piles". Proc. 6th Int. Conf. Pilings and Deep Foundations, Bombay, 1.16.1-1.16.6.
- (133) Chin, J.T. and **Poulos, H.G.** (1996). "Cyclic Model Pile Tests In Calcareous Sand". 12th S.E. Asian Geot. Conf., Kuala Lumpur (IEM), Vol. 1, 447-452.
- (134) **Poulos, H.G.**, Love, D.N. and Grounds, R.W. (1996). "Seismic Zonation Of The Adelaide Area". Proc. 7th Aust. New Zealand Conf. On Geomech., Adelaide, 331-342.
- (135) Chen, L.T. and **Poulos, H.G.** (1996). "Some Aspects Of Pile Response Near An Excavation". Proc. 7th Aust. New Zealand Conf. On Geomech., Adelaide, 604-609.
- (136) Tabesh, A and **Poulos, H.G.** (1996). "Response Of Piles To Typical Earthquakes". Proc. 7th Aust. New Zealand Conf. On Geomech., Adelaide, 349-354.
- (137) **Poulos, H.G.** (1996). "Measured and Predicted Settlements Of Shallow Foundations On Sand". Proc. 7th Aust. New Zealand Conf. On Geomech., Adelaide, 686-692.
- (138) Sinha, J. and **Poulos, H.G.** (1996). "Behaviour Of Stiffened Raft Foundations". Proc. 7th Aust. New Zealand Conf. On Geomech., Adelaide, 704-709.
- (139) Chin, J.T. and **Poulos, H.G.** (1996). "Tests On Model Jacked Piles In Calcareous Sand". Geot. Testing Jnl., ASTM, Vol. 19, No. 2, 164-180.
- (140) Makarchian, M. and **Poulos, H.G.** (1996). "Simplified Method For Design Of Underpinning Piles". Jnl. Geot. Eng., ASCE, Vol. 122, No. 9, 745-751.
- (141) **Poulos, H.G.** and Chen, L.T. (1996). "Pile Response Due To Unsupported Excavation-Induced Lateral Soil Movement". Can. Geotech. Jnl., Vol. 33, 670-677.
- (142) **Poulos, H.G.** and Tabesh, A. (1996). "Seismic Response Of Pile Foundations - Some Important Factors". Paper No. 2085, 11th World Conf. On Earthquake Eng., Acapulco.

1997

- (143) **Poulos, H.G.** and Chen, L.T. (1997). "Pile Response Due To Excavation - Induced Lateral Soil Movement". Jnl. Geot. & Geoenviron. Eng., ASCE, Vol. 123, No. 2, 94-99.

- (144) Chen, L.T., **Poulos, H.G.** and Hull, T.S. (1997). "Model Tests On Pile Groups Subjected To Lateral Soil Movement". Soils and Foundns., Vol. 37, No.1, 1-12.
- (145) Makarchian, M. and **Poulos, H.G.** (1997). "Model Footing Tests On Clay". Proc. 4th Int. Conf. On Civil Eng., Sharif Univ. Of Technology, Iran, Vol. 2, 278-287.
- (146) **Poulos, H.G.**, Small, J.C., Ta, L.D., Sinha, J. and L. Chen (1997). "Comparison Of Some Methods For Analysis Of Piled Rafts". Proc. 14th Int. Conf. Soil Mechs. Foundn. Eng. Hamburg, Balkema, Rotterdam, Vol. 2, 1119-1124.
- (147) Sinha, J. and **Poulos, H.G.** (1997). "Piled Raft Foundation Systems In Swelling and Shrinking Soils". Proc. 14th Int. Conf. Soil Mechs, Foundn. Eng., Hamburg, Balkema, Rotterdam, Vol. 2, 1141-1144.
- (148) Makarchian, M. and **Poulos, H.G.** (1997). "An Experimental Study Of Foundation Upgrading By Piles". Proc. 14th Int. Conf. Soil Mechs. Foundn. Eng., Hamburg, Balkema, Rotterdam, Vol. 2, 835-838.
- (149) Chen, L.T. and **Poulos, H.G.** (1997). "Piles Subjected To Lateral Soil Movements". Jnl. Geot. and Geoenvir. Eng., ASCE, Vol. 123, 802-811.
- (150) Gupta, V., **Poulos, H.G.** and Reid, S.G. (1998). "Micro-Zonation Of Delhi: An Urgent Need". Proc. 2nd Int. Conf. On Envir. Mgmt., Wollongong, Elsevier, Amsterdam, Vol. 2, 1055-1063.
- (151) Chen, L.T. and **Poulos, H.G.** (1997). "Effects Of Tunnelling On Piled Foundations". Proc. Int. Conf. On Computer Meths. and Advances In Geomechanics, Wuhan, Yuan, Balkema, Rotterdam, Vol. 3, 2183-2188.

1998

- (152) Loganathan, N. and **Poulos, H.G.** (1998). "Analytical Prediction For Tunnelling - Induced Ground Movements In Clays". Jnl. Geot. & Geoenvir. Eng., ASCE, Vol. 124, 9, 846-856.

1999

- (153) **Poulos, H.G.** and Bandyopadhyay, S. (1999). "Effect of Static Interaction on Vertical Vibration of Pile". Jnl. Geotech. and Geoenvir. Eng., ASCE, 125(2): 155-157.
- (154) Chen, L.T., **Poulos, H.G.** and Loganathan, N. (1999). "Pile Responses Caused by Tunnelling". Jnl. Geotech. and Geoenvir. Eng., ASCE, 125(3): 207-215.
- (155) Sinha, J. and **Poulos, H.G.** (1999). "Piled Raft Systems and Free Standing Pile Groups in Expansive Soils". Proc. 8th Aust. – New Zealand Conf. Geomechs., Hobart, 1: 207-212.
- (156) Chen, L.T. and **Poulos, H.G.** (1999). Design Charts for Analysis of Piles Subjected to Lateral sSoil Movements". Proc. 8th Aust. – New Zealand Conf. Geomechs., Hobart, 1: 367-373.
- (157) Reyno, A.J., Hull, T.S. and **Poulos, H.G.** (1999). "Effect of Pile Jacking on Adjacent Piles in Sand". Proc. 8th Aust. – New Zealand Conf. Geomechs., Hobart, 1: 437-443.
- (158) Tabesh, A. and **Poulos, H.G.** (1999). "Kinematic Versus Static Interaction of Pile and Soil". Proc. 8th Aust. – New Zealand Conf. Geomechs., Hobart, 1: 445-450.
- (159) Loganathan, N. and **Poulos, H.G.** (1999). "Tunnelling Induced Ground Deformations and Their Effects on Adjacent Piles". Proc. 10th Aust. Tunnelling Conf., Melbourne, Aus. IMM, 241-250.
- (160) Mayne, P.W. and **Poulos, H.G.** (1999). "Approximate Displacement Influence Factors for Elastic Shallow Founadtions". Jnl. Geot. and Geoenvir. Eng., ASCE, 125(6): 453-460.

- (161) Tabesh, A. and **Poulos, H.G.** (1999). "The Effect of Soil Yielding on Internal Pile response". Earthquake Geot. Eng., Ed. Pedro S. Seco e Pinto, Balkema, Rotterdam, 1: 327-333.
- (162) Gupta, V., **Poulos, H.G.** and Reid, S.G. (1999). "Engineering Geology of Delhi: an Overview". Indian Geot. Jnl., 29 (3): 262-274.
- 2000**
- (163) Loganathan, N., **Poulos, H.G.** and Stewart, D.P. (2000). "Centrifuge Model Testing of Tunnelling-Induced Ground and Pile Deformations". Geotechnique, 50 (3): 283-294.
- (164) Xu, K.J. and **Poulos, H.G.** (2000). "General Elastic Analysis of Piles and Pile Groups". Int. Jnl. Num. Anal. Methods in Geomechs., 24: 1109-1138.
- (165) Xu, K.J. and **Poulos, H.G.** (2000). "Measured and Predicted Axial Response of Piles with Diameter Discontinuities". Geot. Eng., 31(3): 171-191.
- (166) Sales, M.M., Cunha, R.P., Farias, M.M., Small, J.C. and **Poulos, H.G.** (2000). "Comparisons of Some Programs Analysing Classical Piled Raft Problems". Geotech. Year 2000, Devels. in Geotech. Eng., AIT, Bangkok, 1: 317-326.
- (167) Cunha, R.P., Small, J.C. and **Poulos, H.G.** (2000). "Class C Analysis for a Piled Raft Case History in Gothenburg, Sweden". Geotech. Year 2000, Devels. in Geotech. Eng., AIT, Bangkok, 1: 271-280
- (168) Xu, K.J. and **Poulos, H.G.** (2000). "Theoretical Study of Pile Behaviour Induced by a Soil Cut". GeoEng 2000, CD Proceedings, Melbourne.
- (169) Chen, L.T., **Poulos, H.G.** and Loganathan., N. (2000). "Approximate Design Charts for Piles Adjacent to Tunnelling Operations". GeoEng 2000, CD Proceedings, Melbourne.
- (170) Gupta, V., **Poulos, H.G.** and Reid, S.G. (2000). "Seismic Microzonation of Delhi". GeoEng 2000, Melbourne, CD Volume.
- (171) Tabesh, A. and Poulos, H.G. (2000). "A Simple Method for the Seismic Analysis of Piles and its Comparison with the Results of Centrifuge Tests". Proc. 12th World Conf. On Earthquake Eng., Auckland, New Zealand, Paper 1203.
- 2001**
- (172) Wong, S.C. and **Poulos, H.G.** (2001). "Analysis of Piled Pavement System". Comp. Methods and Advances in Geomechs., Ed. Desai et al, Balkema, Rotterdam, 3: 1395-1400.
- (173) Tabesh, A. and **Poulos, H.G.** (2001). "The Effects of Soil Yielding on Seismic Response of Single Piles". Soils and Foundations, 41(3): 1-16.
- (174) Xu, K. and **Poulos, H.G.** (2001). "3-D Elastic Analysis of Vertical Piles Subjected to Passive Loadings". Computers and Geotechnics, 28: 349-375.
- (175) Xu, K. and **Poulos, H.G.** (2001). "A General Load-Settlement Analysis of Pile Groups". Proc. 5th Int. Conf. On Deep Foundn. Practice inc. Piletalk, Singapore, 403-410.
- (176) Wong, S.C. and **Poulos, H.G.** (2001). "Performance of Various Piled Embankment Systems". Proc. 5th Int. Conf. On Deep Foundn. Practice inc. Piletalk, Singapore, 395-401.
- (177) Cunha, R., **Poulos, H.G.** and Small, J.C. (2001). "Investigation of Design Alternatives for a Piled Raft Case History". Jnl. Geot. Geoenv. Eng., ASCE, 127(8): 635-641.
- (178) Liyanapathirana, S. and **Poulos, H.G.** (2001). "Assessment of Soil Liquefaction During Earthquakes". Proc. 15th Int. Conf. Soil Mechs. Geot. Eng., Istanbul, Balkema, 1: 195-198.

- (179) Cunha, R., Pereira, J.H.F., Soares, J.M., Mota, N.M.B. and **Poulos, H.G.** (2001). "Backanalyses of Field Loading Tests on Deep Foundations in a Tropical Clay". Proc. 15th Int. Conf. Soil Mechs. Geot. Eng., Istanbul, Balkema, 2: 869-872.
- (180) Xu, K.J. and **Poulos, H.G.** (2001). "Behaviour of a Pile Group Containing Defective Piles". Proc. 15th Int. Conf. Soil Mechs. Geot. Eng., Istanbul, Balkema, 2: 1039-1042.
- (181) Tabesh, A. and **Poulos, H.G.** (2001). "Pseudostatic Approach for Seismic Analysis of Single Piles". Jnl. Geot. Geoenv. Eng., ASCE, 127(9): 757-785.
- (182) Xu, K.J. and **Poulos, H.G.** (2001). "Interaction Analysis of Intact and Defective Piles". Computer Methods and Advances in Geomechs., Ed. Desai et al, Balkema, Rotterdam, 2: 1507-1510.
- (183) Nguyen, V.D., Small, J.C. and **Poulos, H.G.** (2001). "The Effects of Groundwater Pumping on Piled Foundations". Computational Mechanics: New Frontiers for the New Millennium, Ed. S. Valliappan and N. Khalili, 433-438.
- (184) Loganathan, N., **Poulos, H.G.** and Xu, K.J. (2001). "Ground and Pile-Group Responses due to Tunnelling". Soils and Foundations, 41(1): 57-67.

2002

- (185) Loganathan, N. and **Poulos, H.G.** (2002). "Centrifuge Modelling: Tunnelling-Induced Ground Movements and Pile Behaviour". Proc. 28th World Tunnel Congress, Sydney, Paper FP.03, CD Volume.
- (186) **Poulos, H.G.**, Carter, J.C. and Small, J.C. (2002). "Foundations and Retaining Structures – Research and Practice". Theme Lecture, Proc. 15th Int. Conf. Soil Mechs. Geot. Eng., Istanbul, Balkema, 4:2527-2606.
- (187) Liyanapathirana, S. and **Poulos, H.G.** (2002). "Numerical Simulation of Soil Liquefaction due to Earthquake Loading". Soil Dynamics and Earthquake Engineering, 22: 511-523.
- (188) Liyanapathirana, S. and **Poulos, H.G.** (2002). "A Numerical Model for Dynamic Soil Liquefaction Analysis". Soil Dynamics and Earthquake Engineering, 22: 1007-1015.
- (189) Carter, J.P., **Poulos, H.G.** and Tanner, R.I. (2002). "John Robert Booker 1942-1998". Historical Records of Aust. Science, Vol. 14, 2: 143-168.

2003

- (190) **Poulos, H.G.**, Badelow, F. and Powell, G.E. (2003). "A Theoretical Study of Constructive Application of Excavation for Foundation Correction". Proc. Int. Conf. On Response of Buildings to Excavation-Induced Ground Movements, London, CIRIA Spec. Pub. 199, Ed. F.M. Jardine, 469-484.
- (191) Liyanapathirana, S. and **Poulos, H.G.** (2003). "A Pseudostatic Approach for Seismic Analysis of Piles in Liquefying Soil". Proc. 2003Pacific Conf. Earthquake Eng., Auckland, Paper No. 021, CD Volume.
- (192) Liyanapathirana, S. and **Poulos, H.G.** (2003). "Seismic Lateral Response of Piles in Liquefying Soil". Proc. 2003Pacific Conf. Earthquake Eng., Auckland, Paper No. 022, CD Volume.
- (193) Jaksa, M.B., Kaggwa, W.S., Fenton, G.A. and **Poulos, H.G.** (2003). "A Framework for Quantifying the Reliability of Geotechnical Investigations". Applcn. Of Statistics and Probability in Civil Eng., Der Kireghian, Medanet and Pestana (Eds.), Millpress, Rotterdam, 1285-1291.
- (194) Wong, S.C. and **Poulos, H.G.** (2003). "Smoother Transition of Approach Embankments Supported on Piles". Proc. 12th Asian Reg. Conf. SMGE, Singapore, Ed. C.F. Leung et al, World Scientific, New Jersey, 1: 661-664.
- (195) Wong, S.C. and **Poulos, H.G.** (2003). "Numerical Analysis of Piled Pavement Responses". Geot. Eng., Jnl. SE Asian Geot. Society, 34(3): 149-160.
- (196) **Poulos, H.G.**, Badelow, F. and Powell, G.E. (2003). "The RSS Method for Foundation Correction". Proc. Symp. On Advances in Geot. Eng., SAGE 2003, Ed. S. Chandra & P.K. Basudhar, IIT Kanpur India, 293-304.

2004

- (197) **Poulos, H.G.** and Deng, W. (2004). "An Investigation on Tunnelling-Induced Reduction of Pile Geotechnical Capacity". Proc. 9th Australia-New Zealand Conf. on Geomechs., Auckland, 1: 116-122.
- (198) Goldsworthy, J.S., Jaksa, M.B., Fenton, G.A., Kaggwa, W.S., Griffiths, D.V., **Poulos, H.G.** and Kuo, Y.L. (2004). "Influence of Site Investigations on the Design of Pad Footings". Proc. 9th Australia-New Zealand Conf. on Geomechs., Auckland, 1: 282-288.
- (199) Liyanapathirana, D.S. and **Poulos, H.G.** (2004). "Assessment of Soil Liquefaction Incorporating Earthquake Characteristics". Soil Dynamics and Earthquake Eng., Elsevier, 24: 867-875.

2005

- (200) Jaksa, M. B., Goldsworthy, J. S., Fenton, G. A., Kaggwa, W. S., Griffiths, D. V., Kuo, Y. L. and **Poulos, H. G.** (2005). Towards Reliable and Effective Site Investigations. Géotechnique, Thomas Telford, Vol. 55, No. 2, pp. 109–121.
- (201) Goldsworthy, J.S., Jaksa, M.B., Kaggwa, W.S., Fenton, G.A., Griffiths, D.V. and **Poulos, H.G.** (2005). "Reliability of Site Investigations Using Different Reduction Techniques for Foundation Design". Proc. ICOSAR 2005, G. Augusti, G.I. Schueller, M. Ciampoli (eds), Millpress, Rotterdam, 901-908.
- (202) Sales, M.M., Cunha, R.P., **Poulos, H.G.** and Small, J.C. (2005). "Simplified Approach for Load-Settlement Curve Estimation of Piled Rafts" Soils and Rocks, Latin-American Geotech., 28(1): 73-83.
- (203) Nguyen, V.D., Small, J.C., and **Poulos, H.G.** (2005). "Effect of Soil Movements due to Excavation on Piled Foundations". Geotech. Eng., 36(2): 145-151.
- (204) Liyanapathirana, S. and **Poulos, H.G.** (2005). "Seismic Lateral Response of Piles in Liquefying Soil". Jnl. Geot. & Geoenv. Eng., ASCE, 131(12): 1466-1479.
- (205) Liyanapathirana, S. and **Poulos, H.G.** (2005). "Pseudostatic Approach for Seismic Analysis of Piles in Liquefying Soil". Jnl. Geot. & Geoenv. Eng., ASCE, 131(12): 1480-1487.
- (206) Moyes, P., **Poulos, H.G.**, Small, J.C. and Badelow, F. (2005). "Piled Raft Design Process for a High Rise Building on the Gold Coast, Australia". Tall Buildings – From Engineering to Sustainability. Proc. 6th Int. Conf. Tall Buildings ed. Y.K. Cheung and K.W. Chau, Hong Kong, 241-249.
- (207) Surjadinata, J., Carter, J.P., Hull, T.S. and **Poulos, H.G.** (2005). "Analysis of Effects of Tunnelling on Single Piles". Geot. Aspects of Underground Construction in Soft Ground, Bakker et al (eds), Taylor & Francis, London, 665-671.

2006

- (208) Liyanapathirana, S. and **Poulos, H.G.** (2006). "Behavior of Pile Groups in Liquefying Soil". Geo-Congress 2006: Geotechnical Engineering in the Information Technology Age, ASCE, CD Rom, ISBN: 0-7844-0803-3.
- (209) Badelow, F., **Poulos, H.G.**, Small, J.C. and Moyes, P. (2006). "Economic Foundation Design for Tall Buildings". Proc. 10th Int. Conf. Oiling and Deep Foundations, Amsterdam, DFI, 200-209.
- (210) Surjadinata, J., Hull, T.S., Carter, J.P., and **Poulos, H.G.** (2005). "Combined Finite- and Boundary- Element Analysis of the Effects of Tunnelling on Single Piles". Int. Jnl. Geomechanics, ASCE, 6(5): 374-377.
- (211) Cubrinovski, M., Ishihara, K. and **Poulos, H.G.**, (2006). "Pseudo-Static Analysis of Piles Subjected to Lateral Spreading". Proc. New Zealand Workshop on Geot. Earthquake Eng.-2006, CD Volume, Univ. of Canterbury, Christchurch, Ed. M. Cubrinovski and M.J. Pender.
- (212) Burgess, P.J., Sarabia, D., Small, J.C., **Poulos, H.G.** and Sinha, J. (2006). "Settlement Behaviour of a Major Dam". ANCOLD 2006 Conference, 1-10.
- (213) Wong, S.C. and **Poulos, H.G.** (2006). "Approximate Pile-to-Pile Interaction Factors Between Two Dissimilar Piles". Computers and Geotechnics, 32: 613-618.

2007

- (214) Goldsworthy, J.S., Jaksa, M.B., Fenton, G.A., Griffiths, D.V., Kaggwa, W.S. and **Poulos, H.G.** (2007). "Measuring the Risk of Geotechnical Site Investigations". GeoDenver, Geot., Spec. Publication GSP 158, ASCE, CD Volume.
- (215) Tabesh, A. and **Poulos, H.G.**, (2007). "Design Charts for Seismic Analysis of Single Piles in Clay". Proc. ICE, Geotechnical Engineering, 160(GE2): 85-96.
- (216) Wong, S.C. and **Poulos, H.G.** (2007). "Piled pavements – laboratory measurements compared with design analysis". Proc. 16th SE Asian Geot. Conf., Kuala Lumpur, 1: 411-415.
- (217) Cheenikal, L.A., **Poulos, H.G.**, and Whiteley, R.J. (2007). "Geophysical testing for rock assessment and pile design". Proc. 10th Australia-New Zealand Cong. Geomechs., Aust. Geomechs. Society, 1: 442-447.
- (218) Kelly, R.B., **Poulos, H.G.** and Small, J.C. (2007). "Assessment of stability criteria for boreholes left open during pile construction". Proc. 10th Australia-New Zealand Cong. Geomechs., Aust. Geomechs. Society, 1: 484-489.
- (219) **Poulos, H.G.** and Shipway, I. (2007). "Foundation analysis for anchored wind turbine foundations". Proc. 10th Australia-New Zealand Cong. Geomechs., Aust. Geomechs. Society, 1: 538-543.
- (220) Small, J.C. and **Poulos, H.G.** (2007). "A method of analysis of piled rafts". Proc. 10th Australia-New Zealand Cong. Geomechs., Aust. Geomechs. Society, 1: 550-555.
- (221) Day, R.A., Wong, P.K. and **Poulos, H.G.** (2007). "Fifteen years of geotechnical limit state design in Australia. Part I – Retaining structures". Proc. 10th Australia-New Zealand Cong. Geomechs., Aust. Geomechs. Society, 2: 596-601.
- (222) Wong, P.K., Day, R.A. and **Poulos, H.G.** (2007). "Fifteen years of geotechnical limit state design in Australia. Part I – Foundations". Proc. 10th Australia-New Zealand Cong. Geomechs., Aust. Geomechs. Society, 2: 602-607.
- (223) Loganathan, L.N. and **Poulos, H.G.** (2007). "Estimation of tunnelling-induced movements in soft ground – Part 1: Methodology. Aust. Geomechanics, 42(4): 35-42.
- (224) Loganathan, L.N. and **Poulos, H.G.** (2007). "Estimation of tunnelling-induced movements in soft ground – Part 2: Applications. Aust. Geomechanics, 42(4): 43-50.

2008

- (225) Ng, C.W.W., **Poulos, H.G.**, Chan, V.S.H., Lam, S.S.Y. and Chan, G.C.Y. (2008). "Effects of tip location and shielding on piles in consolidating ground". Jnl. Geot. & Geoenv. Eng. ASCE, 134(9): 1245-1260.
- (226) **Poulos, H.G.** and Bunce, G. (2008). "Foundation design for the Burj Dubai – the world's tallest building". Proc. 6th Int. Conf. Case Histories in Geot. Eng., Arlington, VA, Paper 1.47, CD volume.
- (227) Liyanapathirana, S. and **Poulos, H.G.** (2008). "Numerical simulation of geosynthetic reinforced pile supported embankment on soft ground". Futures in Mechanics of Structures and Materials, Ed. Aravinthan, Karunasena and Wong, CRC Press, Boca Raton, 283-288.
- (228) Kim, S.H., **Poulos, H.G.**, and Badelow, F. (2008). "A case study of mega foundation design for a super high-rise building in a reclaimed area". Proc. 2nd Asian Workshop on ATC18 Mega Foundations, Seoul, Korea, Kor. Geot. Soc., 76-87.

2009

- (229) Cubrinovski, M., Ishihara, K. and **Poulos, H.G.** (2009). "Pseudo-static analysis of piles subjected to lateral spreading". Bull. New Zealand Soc. For Earthquake Eng., 42(1): 28-38.
- (230) Badelow, F., Kim, S., **Poulos, H.G.** and Abdelrazaq, A. (2009). "Foundation design for a tall tower in a reclamation area". Proc. 7th Int. Conf. Tall Buildings, Hong Kong, Ed. F.T.K. Au, Research Publishing, 815-823.

- (231) Elahi, H., Moradi, M., Ghaladarzadeh, A. and **Poulos, H.G.** (2009). "When can we Rely on a Pseudostatic Approach for Pile Group Seismic Analysis?" 2nd Int. Conf. on New Devels. In Soil Mechs. & Geot. Eng., Near Eastern Univ., Nicosia, N. Cyprus, 1-8.

2010

- (232) Elahi, H., Moredi, M., **Poulos, H.G.** and Ghalanarzadeh, A. (2010). "Pseudostatic Approach for Seismic Analysis of Pile Groups". Computers and Geotechnics 37:25-39.
- (233) Sales, M.M., Small, J.C. and **Poulos, H.G.** (2010). "Compensated Piled Rafts in Clayey Soils: Behaviour, Measurements and Predictions". Can. Geot. Jnl., 47(3): 327-345.
- (234) Liyanapathirana, S. and **Poulos, H.G.** (2010). "Analysis of Pile Behaviour in Liquefying Sloping Ground". Computers and Geotechnics, 37: 115-124.

2011

- (235) **Poulos, H.G.**, Small, J.C. and Chow, H. (2011). "Piled Raft Foundations for Tall Buildings". Geot. Eng., Jnl. Of the SEAGS & AGSSEA, Vol. 42(2): 78-84.
- (236) Abdelrazaq, A., Badelow, F., Sung Ho-Kim and **Poulos, H.G.** (2011). "Foundation Design of the 151 Story Incheon Tower in a Reclamation Area". Geot. Eng., Jnl. Of the SEAGS & AGSSEA, Vol. 42(2): 85-93.
- (237) Abdelrazaq, A., **Poulos, H.G.**, Badelow, F. And Sung Ho-Kim (2011). "Foundation Design and Pile Testing Program for the 151 Story Incheon Tower in a Reclamation Area, Incheon, Korea. Paper TS21-02, Int. Conf. Tall Buildings & Urban Habitat (CTBUH), Seoul, Korea.
- (238) Kim, S-K, Han, G-G, Song, S-O, and **Poulos, H.G.** (2011). "Performance of an Embankment Supported by a Piled Raft on Soft Ground". Proc. Int. Symp. On Deformation Characteristics of Geomaterials, Seoul, 1325-1332.

2012

- (239) Chow, H.S.W., **Poulos, H.G.**, Kim, S.K. and Turner, R. (2012). "Application of Piled Raft for Embankment in Normally Consolidated Clay". Proc. 11th Aust. New Zealand Conf. Geomechanics, Melbourne Australia, 344-349.
- (240) Yapange, N.N.S., Liyanapathirana, D.S., **Poulos, H.G.**, Kelly, R.B. and Leo, C.J. (2012). "2D Numerical Modelling of Geosynthetic Reinforced Embankments on Deep Cement Mixing Columns". Proc. 11th Aust. New Zealand Conf. Geomechanics, Melbourne Australia, 578-583.
- (241) Elahi, H., Poulos, H.G., Moradi, M. and Ghalandarzadeh, A. (2012). "Seismic analysis of pile group in soil slopes using pseudostatic approach". Proc. GeoCongress 2012, ASCE, Oakland California. CD volume.
- (242) Himoni, A., Deng, W., Al-Dilimi, S. and **Poulos, H.G.** (2012). "Use of Preloading in Rectification of Large-Settlement Piles". Proc. 11th Aust. New Zealand Conf. Geomechanics, Melbourne Australia, 1112-1117.
- (243) Abagnara, V., **Poulos, H.G.** and Small, J.C. (2012). "Comparison of Two Piled Raft Analysis Programs". Proc. 11th Aust. New Zealand Conf. Geomechanics, Melbourne Australia, 326-331.
- (244) Yapage, N.N.S., Liyanapathirana, D.S., Leo, C., **Poulos, H.G.** and Kelly, R.B. (2012). "3D Numerical Modelling of Geosynthetic Reinforced Embankments over Deep Cement Mixed Columns". Proc. Geo Manitoba, Canada.
- (245) Yapange, N.N.S., Liyanapathirana, D.S., **Poulos, H.G.**, Kelly, R.B. and Leo, C.J. (2012). "An Investigation of Progressive Failure of Geosynthetic Reinforced Cement Mixed Column Supported Embankments". Proc. Int. Conf. on Ground Improvement and Ground Control, Wollongong, Australia.

2013

- (246) Lam, S.Y., Ng, C.W.W. and **Poulos, H.G.** (2013). "Shielding Piles from Downdrag in Consolidating Ground". Jnl. Geot. & Geoenviron. Eng., ASCE, Vol. 139: No. 6: 956-968.

- (247) **Poulos, H.G.**, Small, J.C. and Chow, H.S.W. (2013). "Foundation Design for High-Rise Towers in Karstic Ground". ASCE GSP229, Foundation Engineering in the Face of Uncertainty, Ed. J.L. Withiam, K-K. Phoon and M.H. Hussein, 720-731.
- (248) Russo, G., Abagnara, V., **Poulos, H.G.** and Small, J.C. (2013). "Re-Assessment of Foundation Settlements for the Burk Khailfa, Dubai". Acta Geotechnica, 8(1): 3-15.
- (249) **Poulos, H.G.**, Badelow, F., Tosen, R., Abdelrazaq, A and Kim, S.H. (2013). "Identification of test pile defects in a super-tall building foundation". Proc. 18th Int. Conf. Soil Mechs. Found. Eng., Paris, 4: 2823-2826.
- (250) Yapage, N.N.S., Liyanapathirana, D.S., Lee, C.J., **Poulos, H.G.** and Kelly, R.B. (2013). "Towards the development of a new design guideline for geosynthetic reinforced column-supported embankments". Aust. Geomechanics, 48(3): 35-49.
- (251) Indraratna, B., Balasubramaniam, A. S., **Poulos, H. G.**, Rujikiatkamjorn, C. and Ameratunga, J. (2013). "Performance and prediction of marine clay treated with vacuum and surcharge consolidation at Port of Brisbane". Australian Geomechanics, 48(4), 161-180.
- (252) Dezi, F. and **Poulos, H.** (2013). "Kinematic bending moments in square pile groups". ICEGE, Istanbul 2013(Poater Session).
- (253) Nall, T., Hackney, G. and **Poulos, H.** (2013). "Site response analysis to derive ground motion signals for engineering applications". Proc. 3rd Int. Conf. Geotechnique, Construction Materials and Environment, Nagoya, Japan,, Nov. 2013.
- (254) Pirrello, S. and **Poulos, H.G.** (2013). "Comparison of four pile group analysis programs". Advances in Foundation Engineering, Ed. K.K. Phoon, T.S. Chua, H.B. Yang and W.M. Cham, Singapore, 291-297.