

**MALAYSIAN  
GEOTECHNICAL  
PAPERS**



**BIBLIOGRAPHY ACCORDING TO  
SUBJECT MATTER**

# **MALAYSIAN GEOTECHNICAL PAPERS**

## 2. BIBLIOGRAPHY ACCORDING TO SUBJECT MATTER

### 2.1 *Properties and Characterisation of Soils and Rocks*

1963

Chin, F. K. and Gray, C. A. M. (1963). "The Optimum Moisture Content by Resistivity Measurements." Journal of the Dept. of Eng., U.M., June 1963.

1966

Skepper, H. G., Rook, H. and Ting, W. H. (1966). "Earthworks and Pavements for the New International Airport for Kuala Lumpur." Proc. Inst. Civil Eng., Dec. 1966, p. 561-591.

1968

Chin, F. K. (1968). "Discussion on Application of Limit Plasticity in Soil Mechanics." Proc. A.S.C.E., SM3, May 1968, p. 798-800.

1969

Chin, F. K. (1969). "Discussion on Electrical Dispersion in Relation to Soil Structure." Proc. A.S.C.E., SM3, March 1969, p. 679-683.

Chin, F. K. (1969). "Penetration Tests on a Lateritic Soil." Journal of the Dept. of Eng., U.M., Vol. 8, June 1969, p.1-7.

Ting, W. H. (1969). "A Brief Note on the Field Performance of Lateritic Soils as Applied to Road and Airfield Works in Malaysia." Journal of the Dept. of Eng., U.M., 1969, Vol. 8.

1970

Chin, F. K., Ong, A. and Liang, H. C. (1970). "Dynamics Tests in Remoulded Lateritic Soils." Journal of the S.E.A. Soc. of Soil Eng., Bangkok, Vol. 1 No. 2, Dec. 1970, p. 79-93.

Ting, W. H. (1970). "The Effect of Repeated Loading on the Stress-Strain Relationship of Saturated Remoulded Kaolin." Proc. 2nd S.E.A. Conf. on Soil Eng., Singapore, June 1970.

1971

Chin, F. K. and Lee, K. T. (1971). "Some Effects of Sugar as Retarder in Soil-Cement Stabilisation." Proc. 4th Asian Regional Conf. Soil Mech. and Found. Eng., Bangkok, July 1971, Vol. 1, p. 361-365.

1972

Chan, S. F. and Chin, F. K. (1972). "Engineering Characteristics of the Soils Along the Federal Highway in Kuala Lumpur." Proc. 3rd S.E.A. Conf. on Soil Eng., Hong Kong, p. 41-45.

Ting, W. H. and Ooi, T. A. (1972). "Some Properties of a Malaysian Residual Granite Soil." Proc. 3rd. S.E.A. Conf. on Soil Eng., Hong Kong, Nov. 1972.

1973

Chin, F. K. and Lee, K. T. (1973). "The Effect of Maturity on the Strength and Durability of Sugar-Treated Soil-Cement." Conf. on Road Eng. in Asia and Australasia, Kuala Lumpur, June 1973.

Ting, W. H. and Chew, S. H. (1973). "Investigation and Evaluation of Some Crushed Rock Aggregate Found in West Malaysia." Proc. Conf. on Road Eng. in Asia and Australasia, Kuala Lumpur, June 1973.

1974

Ting, W. H. (1974). "The Effect of Time on the Stress-Strain Relationship of Saturated Remoulded Kaolin in Undrained Tests." Journal of I.E.M., Dec. 1974, Vol. 17.

1975

Chin, F. K. (1975). "The Seepage Theory of Primary and Secondary Consolidation." Proc. 4th S.E.A. Conf. on Soil Eng., Kuala Lumpur, Tech. Session 3, April 1975, p. 54-61.

Ooi, T. A. and Ting, W. H. (1975). "The Use Of A Light Dynamic Cone Penetrometer In Malaysia." Proc. 4th S.E.A. Conf. on Soil Eng., Kuala Lumpur, April 1975.

Ting, W. H. (1975). "Construction Control Testing." Seminar-Cum-Workshop On Soil Testing Methodology Related To Road Construction-Technical Session 6, Kuala Lumpur, April 1975.

1976

Ting, W. H. and Ooi, T. A. (1976). "Behaviour of a Malaysian Residual Granite Soil as a Sand-Silt-Clay Composite Soil." Geotech. Eng., Journal S.E.A. Soc. of Soil Eng., Dec. 1976, Vol. VII, No. 2, p. 67-79.

### 1977

- Chin, F. K. (1977). "Stress-Deformation and Strength Characteristics." Proc. Int. Conf. Soil. Mech. and Found. Eng., Tokyo, July 1977, Vol. III-350.
- Ting, W. H. (1977). "A Method of Determination of K-The Lateral Earth Pressure Coefficient for Shaft Friction." Ground Engineering, Vol. 10, No. 3, April 1977, p. 22-23.
- Ting, W. H. and Ooi, T. A. (1977). "Some Properties of the Coastal Alluvia of Peninsular Malaysia." Int. Symp. on Soft Clay, Bangkok, Thailand, July 1977.

### 1979

- Ting, W. H. (1979). "Consolidation of a Partially Saturated Residual Soil." Proc. 6th Asian Conf. on Soil Mech. and Found. Eng. Vol. 1, 1979, Singapore.
- Ting, W. H. (1979). "Geotechnical Properties of a Malaysian Sedimentary Rock and its Residue." Oral Contribution to Panel Discussion for Tech. Session 1, 6th Asian Regional Conf. on Soil Mech. and Found. Eng., Unpublished.

### 1980

- Tan, B. K. and Chan, S. F. (1980). "Preliminary Studies on the Correlation of Index Properties and Engineering Properties of Malaysian Rocks." Bulletin 12, Geological Soc. of Malaysia, Aug. 1980, p. 31-43.
- Ting, W. H. (1980). "Neutral Pressure Response in a Submerged Stratum Under Tidal Water." Proc. 6th S.E.A. Conf. on Soil Eng., Taipei, May 1980.

### 1981

- Ting, W. H. (1981). "Some Earth Products Problems in a Developing Country." Ground water '81, Kuala Lumpur, June 1981.
- Ting, W. H. and Toh, C. T. (1981). "An Analysis of the Penang Airfield Pavement." Seminar on the Design, Construction and Maintenance of Aircraft Pavement, JKR, Sept. 1981.

### 1982

- Ting, W. H., Mun, K. P. and Toh, C. T. (1982). "Characteristics of a Composite Residual Granite Soil." Proc. 7th S.E.A. Geotech. Conf., Hong Kong.
- Toh, C. T. and Ting, W. H. (1982). "The Strain Based Analysis Of A Failed Aircraft Pavement." Unpublished.
- Toh, C. T., Ooi, T. A. and Ting, W. H. (1982). "Strains in a Pavement Arising From Differential Settlement." Proc. 7th S.E.A. Geotech. Conf., Hong Kong.

### 1983

- Tan, B. K. (1983). "In-situ Soil Testings for the Bekok Dam, Johor, Malaysia." Proc. Int. Symp. on In-situ Soil and Rock Testing, Paris, p. 403-408.
- Ting, W. H. and Toh, C. T. (1983). "Characteristics of a Composite Residual Granite Soil." Symp. Recent Develop. in Lab. and Field Test and Analysis of Geotech. Problems, A.I.T., Bangkok, Dec. 1983.

### 1984

- Au Yong, M. H. and Tan, B. K. (1984). "Construction Materials for the Sembrong and Bekok Dams, Johor." Bulletin Geological Soc. of Malaysia, No. 17, p. 49-60.
- Ting, W. H. and Toh, C. T. (1984). "A Study of Damage to a Heavily Loaded Flexible Pavement." Symp. on Geot. Aspects of Mass and Material Transportation, A.I.T. Bangkok.

### 1985

- Balasubramaniam, A. S., Ting, W. H., Bergado, D. T. and Sivandran. (1985). "Engineering Behaviour of Soils in South East Asia." Geotech. Eng. in S.E.A. Commemorative Vol., S.E.A. Geotech. Soc., A.A. Balkema, p. 25-96.
- Yong, R. N., Tan, B. K., Kim, C. S., Chen, C.K. and Sellapah, J. (1985). "Characterisation Studies of the Singapore Clay Slurry (Slime)." Geotechnical Engineering, S.E.A. Geotech. Soc., Vol. 16, No. 2, Dec. 1985, p. 139-166.

### 1986

- Tan, B. K. and Ch'ng, S. C. (1986). "Zon Tanah Lemah di atas Batu Kapur Dasar (Weak Soil Zone Above Limestone Bedrock)." Warta Geologi, Persatuan Geologi Malaysia, Jil. 12, No. 2, p. 51-57.

Ting, W. H. and Toh, C. T. (1986). "Parameters for Design on Soft Ground." Seminar on Geotech. Develop. in Malaysia. D.I.D. Malaysia, Sept. 1986.

#### 1987

Tan, B. K. (1986). "Use of the Standard Penetration Test for Ground Interpretations." Proc. 5th Int. Congress, I.A.E.G., Buenos Aires, p. 839-846.

Ting, W. H. (1987). "Conceptualisation by Mechanism in Stability Problems." Panellist Contribution, Discussion Session 6, Proc. 8th Asian Regional Conf. on Soil Mech. and Found. Eng., Kyoto, Japan, Vol. 2.

#### 1988

Aggour, M. S., Tawfiq, K. S. and Taha, M. R. (1988). "Impulse and random testing of soil." Proc. Conf. on Earthquake Eng. and Soil Dynamics II, Park City, Utah, A.S.C.E., New York, p. 346-358.

Taha, M. R. (1988). "The effects of loading type on the dynamic properties of soils." Kolokium Pertama Fakulti Kejuruteraan U.K.M., Tanjung Bidara, p. 84-97.

Ting, W. H. and Wong, T. F. (1988). "Geotechnical Problems Of Some Soft Deposits In Sarawak." Sarawak Geotech. Symp., Kuching, 30th March 1988.

#### 1989

Aggour, M. S., Taha, M. R. and Tawfiq, K. S. and Amini, F. (1989). "Cohesive Soil Behavior under Random Excitation Conditions." Geotech. Testing Journal, GTJODJ, Vol. 12, No. 2, ASTM, New York, p. 135-142.

Tan, B. K. (1988). "A Short Note on the Occurrence of a Soft Soil Zone Above Limestone Bedrock." Proc. Int. Conf. on Calcareous Sediments, Perth, Vol. 1, p. 35-39.

Tan, Y. K. (1989). "Soft Clay Deposits in West Sarawak." JKR Sarawak Senior Engineer Conf., July 1989.

#### 1990

Jamaluddin, A. and Taha, M. R. (1990). "Some consolidation characteristics of soft Muar Clay." Proc. Seminar on Current Geotech. Problems in the Tropical Region, Skudai, 31-46.

Ong, C. Y., Tan, B. K., Komoo, I. and Rafek, A. G. (1990). "Pencirian Profil Luluhawa Granit Sepanjang Lebuh raya Ipoh-Changkat Jering, Perak Darul Ridzuan." Pros. Seminar GEOTROPIKA '90, U.T.M., Skudai, p. 47-61.

Taha, M. R., Ahmed, J., Abu Kassim, A., J., Jaadil, J. and Mohd Amin, J. (1990). "Direct simple shear testing of Kelang clay." 3rd JSPS-VCC Seminar on Intergrated Engineering, UM, K.L.

Taha, M. R., Mohd Amin, J., Ahmed, J., Jamilah, J. and Abu Kassim, A., J. (1990). "Beberapa ciri asas lempung lembut Kelang." Pros. 20 tahun U.K.M.

#### 1991

Amin, J., Ahmed, J., Abu-Kassim, A. and Taha, M. R. (1991). "Application of various methods to evaluate undrained shear strength of marine clay." Proc. Regional Seminar on Coastal and Offshore Eng., Kuala Trengganu, p. VII-27 to VII-38.

Amin, J.M. and Taha, M. R. (1991). "Some results of soft marine clay study in Bukit Raja, Kelang." Seminar Kebangsaan I.R.P.A. Rancangan Malaysia Kelima Sektor Strategik, Pulau Pinang, Dec. p. 18.

Kato, H., Ling, H. I., Tatsuoka, F., Murata, O. and Tateyama, M. (1991). "Effects of Anisotropic Consolidation on the Plane Strain Compression of Clay." Proc. 46th Annual Conf. of J.S.C.E., Osaka, p. 314-315. (in Japanese)

Mohd Amin, J. and Taha, M. R. (1991). "Some results of soft marine clay study in Bukit Raja, Kelang." Seminar Kebangsaan I.R.P.A. Rancangan Malaysia ke Lima-Sektor Strategik, Pulau Pinang, p. 16.

Taha, M. R., Abu Kassim, A., Ahmed, J., Jaadil, J. and Mohd Amin, J. (1991). "Ciri Kekuatan riceh lempung lembut Kelang." Pros. Kolokium Ketiga Fakulti Kejuruteraan U.K.M., Pulau Pangkor, p. 200-210.

Taha, M. R., Far, W.M., Abu Bakar, S., Abd. Samad, Mohd Amin, J. and Ahmed, J. (1991). "Ujian metertekanan ke atas lempung lembut." Pros. Kolokium Ketiga Fakulti Kejuruteraan U.K.M., Pulau Pangkor, p. 148-161.

Taha, M. R., Jaadil, J., Abu Kassim, A., Ahmed, J. and Mohd Amin, J. (1991). "Kelakuan pengukuhan lempung lembut Kelang." Pros. Kolokium Ketiga Fakulti Kejuruteraan U.K.M., Pulau Pangkor, p. 182-199.

#### 1993

Rafek, A. G., Tan, B. K. Komoo, I., Mohamd, H. and Hamzah, U. (1993). "Pencirian Luluhawa Batuan Granit Berbutir Sederhana di Profil Pilot Lebuhraya Kuala Lumpur-Karak." Pros. Bengkel I.R.P.A.-U.K.M. Ke-2, Seremban, Jil. 2, p. 869-872.

Tan, B. K. and Ong, C. Y. (1993). "Physico-Chemical Properties of Granitic Soils along the Ipoh-Changkat Jering Expressway, Perak, Malaysia." Proc. 11th S.E.A. Geotech. Conf., Singapore, p. 217-222.

#### 1994

Mesri, G., Stark, T. D. and Chen, C. S. (1994). "Discussion of Ca/Cc Concept Applied to Compression of Peat." Journal of Geotech. Eng., A.S.C.E., Vol. 120, No. 4, p. 764-767.

Tan, B. K. (1994). "Sifat Fiziko-Kimia Tanah Basalt Kuantan, Pahang." Laporan Teknik, Kolokium Ke-8, FSFG, U.K.M., Bangi.

#### 1995

Tan, B. K. (1995). "Some Experiences on Weathering of Rocks and its Engineering Significance in Malaysia." IKRAM Geotech. Meeting '95, Comparative Geotech. Eng. Practice, Penang, Vol.2, p. 22.

Ting, W. H. (1995). "The investigation of natural clays in Malaysia." U.T.M. Short Course in The Develop. of Geotech. Eng. in Malaysia, U.T.M., Kuala Lumpur, 27th Sept. 1995.

#### 1996

Isahak, A., Tan, B. K. and Samudin, K. (1996). "Sifat Fiziko-Kimia Tanah di Johor Tenggara: Implikasi Terhadap Pengurusan Sisa Buangan." Pros. Seminar Geologi dan Sekitaran: Impak dan Pengauditan, U.K.M., Bangi, p. 40-50.

Lee, C. W., Chai, G. W. K. and Roslie, N. (1996). "Structural Characterisation of Pavement using Falling Weight Deflectometer." Proc. Highways Into The Next Century, Hong Kong, 1996.

Ling, H. I. and Tatsuoka, F. (1996). "Effects of Stress Ratio on Behavior of Quasi-Preconsolidation Compacted Clay under Plane strain Compression." Measuring and Modeling Time Dependent Soil Behavior, Sheahan and Kaliakin (Eds.), A.S.C.E., p. 151-165.

Tan, B. K. (1996). "Physico-Chemical Properties of Some Granitic Soils from Peninsular Malaysia." Proc. 12th S.E.A. Geotech. Conf., Kuala Lumpur, Vol. 1, p. 595-600.

#### 1997

Chai, G. W. K., Kartsounis, M. and Noryati, R. (1997). "Engineering Properties and Characteristics of the Marine Clay in the Northern Peninsular Malaysia." Conf. on Recent Advances in Soft Soil Eng., Kuching, Malaysia, 5-7 March 1997.

Mesri, G., Stark, T. D., Ajlouni, M. A. and Chen, C. S. (1997). "Secondary Compression of Peat With or Without Surcharging." Journal of Geotech. and Geo-environ. Eng., A.S.C.E., Vol. 123, No. 5, p. 411-421.

Mohd Amin, J., Taha, M. R., Ahmed, J., Abu Kassim, A., Jamaludin, A. and Jaadil, J. (1997). "Prediction and Determination of Undrained Shear Strength of Soft Clay at Bukit Raja." PERTANIK, Journal of Science and Tech., U.P.M., 5 (1) Nov. p. 111-126.

Taha, M. R., Sarac, D., Chik, Z. and Nayan, K. A. M. (1997). "Geotechnical and Geoenvironmental Aspects of Residual Soils." Proc. 4th Regional Conf. on Geotech. Eng. (GEOTROPIKA '97), Dept. of Geotechnics and Transportation, U.T.M., Johor Bahru, Nov. 1997, p. 331-341.

Tan, B. K. (1997). "Granite-Limestone Intrusive Contact-an Interesting Outcrop at Gunung Datuk, Tambun, Perak." Warta Geologi, PGM, Jan-Feb '97, Jil.23, No.1, p. 1-5.

#### 1998

Chai, G. W. K. and Noryati, R. (1998). "A Comparison Between The Backcalculated Subgrade Elastic Modulus From Falling Weight Deflectometer's Deflection Data And Field Subgrade's Modulus Derived From Dynamic Cone Penetrometer Testing Device." 9th REAAA Conf., Wellington, New Zealand, May 1998.

Chai, G. W. K. and Noryati, R. (1998). "Structural Response and Behaviour Prediction of Subgrade using Falling Weight Deflectometer in Pavement Construction." 3rd Int. Conf. on Road and Airfield Pavement Technology, Beijing, China.

Taha, M. R. and M. K. Hossain (1998). "Strength of undisturbed granite residual soil." 13th S.E.A. Geotech. Conf., Taiwan, p. 177-181.

Ziegler, S., Leshchinsky, D., Ling, H. I. and Perry, E. B. (1998). "Effect of Short Polymeric Fibers on Crack Development in Clays." Soils and Foundations, Vol. 38, No. 1, p. 247-253.



1999

- Taha, M. R., Asmirza, M. S. and Ahmed, J. (1999). "Behavior of Kelang Clay in 1-D Consolidation." 11th Asian Regional Conf. On Soil Mech. and Geotechnical Engineering, Hong, S. W. et al. (Eds.), 16-20th Aug. A.A. Balkema, p. 85-88.
- Taha, M. R., Chik, Z. and Nayan, K. A. M. (1999). "Ciri Kekuatan Tanah Baki Granit Malaysia." Laporan Penyelidikan and Pembangunan Separuh Penggal RMK-7, Ismail Sahid (Ed.), Pusat Pengurusan Penyelidikan, U.K.M., p. 249-251.
- Taha, M. R., Chik, Z., Nayan, K. A. M. and Hossain, M. K. (1999). "Geotechnical Behaviour of Granite Residual Soils." Research Bulletin, U.K.M., No. 6, p. 4-5.
- Taha, M. R., Hossain, M. K., Chik, Z. and Nayan, K. A. M.N. (1999). "Geotechnical Behaviour of a Malaysian residual Granite Soil." PERTANIKA, Journal of Science and Tech., U.P.M., Vol.7., No.2.
- Taha, M. R., Hossain, M. K., Mofiz, S. A., Asmirza, M. S., Chik, Z., Nayan, K. A. M. and Kasa, A. (1999). "Ciri Kekuatan Tanah Baki Granit Malaysia." Seminar I.R.P.A.-U.K.M., Genting Highland, Pusat Pengurusan Penyelidikan, U.K.M., p. 591-595.
- Taha, M. R., Mofiz, S. A., Hossain, K. H. and Asmirza, M. S. (1999). "Model Simulation of Residual Soil in Triaxial Extension Tests." Proc. 5th Int. Geotech. Eng. Conf. (GEOTROPIKA '99), Johor Bahru, p. 105-114.
- Tan, B. K. (1999). "Soil Testing." I.E.M. Short Course on Geotechnics of Sanitary Landfill, Petaling Jaya, Lecture 7.
- Ting, W. H. (1999). "The Failure Behaviour of Over-Consolidated Soils." Journal of the S.E.A. Geotech. Soc., Dec. 1999, Vol. 30, Number 3.

2000

- Chai, G. W. K. and Faisal, A. (2000). "Determination of the Elastic Modulus and Density of a Pavement Foundation using Falling Weight Deflectometer During Pavement Construction." 10th REAAA Conf., Tokyo, Japan, 4-9 Sept. 2000.
- Chai, G. W. K. and Norbayati, M. (2000). "The Performance of a Concrete Pavement at a Section of the North-South Expressway." Seminar on Modern Cost Effective Concrete Roads, Kuala Lumpur, 18-19 April 2000.
- Gue, S. S. and Tan, Y. C. (2000). "Planning of Subsurface Investigation and Interpretation of Test Results for Geotechnical Design." Seminar on Geotechnical Engineering 2000, I.E.M. (Northern Branch), Penang, 22 and 23 Sept. 2000.
- Gue, S. S. and Tan, Y. C. (2000). "Subsurface Investigation and Interpretation of Test Results for Foundation Design in Soft Clay." Seminar on Ground Improvement-Soft Clay (SOGISC), U.T.M., Kuala Lumpur, 23 and 24 Aug. 2000.
- Kasa, A., Taha, M. R., Nayan, K. A. M. and Loon, G. H. (2000). "Analisa Tanah Baki Sebagai Tanah Kambus." Pros. Seminar Pemantauan I.R.P.A., U.K.M.
- Lim, G. S., Taha, M. R. and Chik, Z. (2000). "Kajian Kesan Saiz Rongga Terhadap Kekuatan Sampel Batuan." Pros. Kejuriteraan Awam, U.K.M.
- Taha, M. R., Ahmed, J. and Asmirza, M. S. (2000). "One-Dimensional Consolidation of Kelang Clay." PERTANIKA, Journal of Science and Tech., U.P.M., Vol. 8, No.1, p. 19-29.
- Taha, M. R., Hossain, M. K. and Mofiz, S. A. (2000). "Drained and Undrained Behaviour of Saturated Granite Residual Soil." Journal of I.E.M., Vol. 61, No. 3, Sept. p. 47-58.
- Taha, M. R., Hossain, M. K. and Mofiz, S. A. (2000). "Effect of Matric Suction on the Shear Strength of Unsaturated Granite Residual Soil." Journal of I.E.M., Vol. 61, No. 2, June p. 27-40.
- Taha, M. R., Hossain, M. K. and Mofiz, S. A. (2000). "Effect of suction on the behaviour of unsaturated soil." GeoDenver2000, A.S.C.E., Aug. 2000, p. 210-221.
- Taha, M. R., Hossain, M. K. and Mofiz, S. A. (2000). "Shear strength of unsaturated residual decomposed granite." UNSAT-ASIA 2000, NTU, May 2000, p. 575-580.
- Taha, M. R., Hossain, M. K., Mofiz, S. A., Chik, Z., Nayan, K. A. M. and Kasa, A. (2000). "Ciri Kekuatan Tanah Baki Granit Malaysia." Pros. Seminar Pemantauan I.R.P.A., U.K.M.
- Taha, M. R., Mofiz, S. A. and Hossain, M. K. (2000). "Stress-Strain Behaviour of Compacted Residual Soil in Direct Shear Test." GeoEng2000, Melbourne, Australia, p. 334-340.

Tan, B. K. and Zulhaimi Abdul Rahman (2000). "Physico-Chemical Properties of Graphitic Schist Soils in the Rawang Area, Selangor." Proc. Geological Soc. of Malaysia Annual Geological Conf. 2000, Pulau Pinang, p. 283-286.

Ting, W. H. (2000). "Characterisation of Components of Shear Strength." Journal of the S.E.A. Geotech. Soc., Dec. 2000, Vol. 31, No. 3.

#### 2001

Chan, S. H., Phoon, K. K. and Lee, F. H. (2001). "A Modified Jacobi Preconditioner for Solving Ill-Conditioned Biot's Consolidation Equations Using Symmetric Quasi-Minimal Residual Method." Int. Journal for Numerical and Analytical Methods in Geomechanics, 25, p. 1001-1025.

Chen, C. S. (2001). "Evaluating Undrained Shear Strength of Klang Clay from Cone Penetration Test." Int. Conf. on In Situ Measurement of Soil Properties and Case Histories, May 2001, Bali, Indonesia, p.211-214.

Nayan, K. A. M., Taha, M. R., Samsudin, A. R. (2001). "Spectral-Analysis-of-Surface-Waves Method: An Initial Assessment of its Application." GEOTROPIKA 2001, U.T.M.-UNIMAS, Kuching, p. 127-133.

Taha, M. R. and Asmirza, M. S. (2001). "Elasto-Plastic Model Predictions for a Granite Residual Soil in Drained Triaxial Test." GEOTROPIKA 2001, U.T.M.-UNIMAS, Kuching, p. 73-85.

Taha, M. R., Mofiz, S. A. and Hossain, M. K. (2001). "Behaviour and Modeling of Granite Residual Soil in Direct Shear Test." Journal of I.E.M., Vol. 62, No. 3, p. 21-36.

Tan, B. K. and Azwari Huslan Mohd (2001). "Physico-Chemical Properties of Carbonaceous Shale Soils in the Yong Peng Area, Johor." Proc. Geological Soc. of Malaysia Annual Geological Conf. 2001, Pangkor Island, p. 229-232.

#### 2002

Chai, G. W. K. and Faisal A. (2002). "Performance Evaluation of Pavement Subgrade using Falling Weight Deflectometer." 5th Malaysian Road Conf., Kuala Lumpur, 7-9 Oct. 2002.

Kawabata, T., Mohri, Y. and Ling, H. I. (2002). "Earth pressure distribution for buried pipe bend subject to internal pressure." Pipelines 2002, Cleveland, Ohio. (A.S.C.E. CD Proc.).

Ling, H. I., Yue, D., Kaliakin, V. and Themelis, N. J. (2002). "An Anisotropic Elasto-Plastic Bounding Surface Model for Cohesive Soils." Journal of Eng. Mech., A.S.C.E., 128(7). 748-758.

Liu, H. and Ling, H. I. (2002). "A generalized plasticity based sand model." CD Proc. 15th A.S.C.E. Eng. Mech. Conf., Columbia Univ., New York.

Nayan, K. A. M., Jaafar O., Taha, M. R. and Rosyidi, S. A. (2002). "The application of seismic refraction survey in the environmental impact assessment (EIA) of a proposed highway through the Perlis State National Park." Int. Conf. on Culture and Science of Mountains (ICCSM), Inst. for Environ. and Develop. (LESTARI), U.K.M., Kinabalu Park, 9-10th July 2002, p. 11

Nayan, K. A. M., Rosyidi, S. A., Taha, M. R. and Ismail, M. A. (2002). "Pencirian turapan asfalt berdasarkan analisis spektrum gelombang permukaan (ASPG) di Putrajaya." Seminar Sehari Geofisik: Sumbangan Geofisik dalam Kajian Sekitaran dan Pemuliharaan, Pulau Pinang, 7 Sept. 2002, p.83-94.

Nayan, K. A. M., Rosyidi, S. A., Taha, M. R. and Mustafa, M. M. (2002). "Non-destructive testing of pavement using Spectral Analysis of Surface Wave (SASW) method." Proc. Malaysian Science and Tech. Congress (MSTC) 2002, Johor Bahru, 19th-21st Sept. 2002, p. 7.

Nayan, K. A. M., Rosyidi, S. A., Taha, M. R., Ismail, A. and Ismail, M. A. (2002). "Evaluation of pavement thickness and dynamic modulus using Spectral Analysis of Surface Wave (SASW)." Proc. 1st Conf. of Transport Research Toward National Develop., U.M., Kuala Lumpur, 22-23rd Oct. 2002, p.13.

Nayan, K. A. M., Taha, M. R. and Rosyidi, S. A. (2002). "Penggunaan seismos biasan dalam pencirian tanah tambakan di tapak projek pembinaan Kamsis HUKM Bangi." Proc. Annual Meeting of Geology Soc. of Malaysia, Geology Soc. of Malaysia, 26-27th May 2002.

Rosyidi, S. A., Nayan, K. A. M., Taha, M. R. and Mustafa, M. M. (2002). "Pengukuran Sifat Dinamik Perkerasan Lentur Menggunakan metode Spectral Analysis of Surface wave (SASW)." Simposium Forum Studi Antara Perguruan Tinggi (FSTPT) V, Jakarta 16-17 Oktober 2002. p. 11.

Taha, M. R., Mofiz, S. A. and Hossain, M. K. (2002). "Reduced Triaxial Extension Test on Granite Residual soil." Journal of I.E.M., Nov. 2002, Vol. 63, No. 3, p. 2-11.

Tan, B. K. and Azwari Huslan Mohd (2002). "Physico-Chemical Properties of Carbonaceous Shale Soils in the Yong Peng Area, Johor, Peninsular Malaysia." Proc. 9th I.A.E.G. Congress, Durban, S. Africa. (CD-ROM).

- Tan, B. K. and Yew, C.K. (2002). "Physico-Chemical Properties of Andesitic Soils in the Kg. Awah Area, Pahang." Geological Soc. of Malaysia Annual Conf., Kota Bharu, Bulletin 45, p. 31-35.
- Tee, M.L., Taha, M. R. and Kasa, A. (2002). "Perbandingan Kekuatan Ricih Tanah Baki Dan Analisa Kestabilan Cerun." Pros. Kejuruteraan Awam, U.K.M.
- Yue, D.J., Ling, H. I., Kaliakin, V. N. and Themelis, N. (2002). "Anisotropy of clays based on bounding surface model." CD Proc. 15th A.S.C.E. Eng. Mech. Conf., Columbia Univ., New York.

#### 2003

- Ahmad, K., Taha, M. R. and Kassim, K. A. (2003). "Compressibility of electrokinetically treated tropical residual soil." Construction and Creation of Sustainable Soc. based on the Zero-Discharge Concept, JSPS-VCC, Kyoto, Japan, p. R-164 to R-173.
- Kassim, K. A., Taha, M. R. and Ahmad, K. (2003). "Electrokinetic Testing of a tropical Residual Soil." Proc 2nd Int. Conf. on Advances in Soft Soil Eng. and Tech., U.P.M., p. 833-844.
- Ling, H. I. and Liu, H. (2003). "Pressure-level dependency and densification behavior of sand in a generalized plasticity model." Journal of Eng. Mech., 129(8). A.S.C.E., p. 851-860.
- Ling, H. I., Burke, C., Mohri, Y. and Matsushima, K. (2003). "Shear strength parameters of soil-geosynthetic interface at very low confining pressure." Geosynthetics International, 9(4), p.373-380.
- Liu, H. and Ling, H. I. (2003). "A Sand Model Based on Generalized Plasticity." Constitutive Modeling of Geomaterials: Selected Contributions from Frank L. Di Maggio Symp. CRC Press, 40-46.
- Mofiz, S. A. and Taha, M. R. (2003). "Consolidation Characteristics and Bulk Modulus of Clay in HC Stress Path." Proc. 2nd Conf. on Advances in Soft Soil Eng. and Tech., U.P.M., 129-134.
- Mofiz, S. A., Taha, M. R. and Alim, M. A. (2003). "Stress Paths and Stress-Strain for Decomposed Granite Soil by Numerical Approach." Soil and Rock America, 12th Pan-american Conf. on Soil Mech. and Geotech. Eng., Verlag Gluckauf, Essen, Vol. 1, 465-472.
- Nayan, K. A. M., Rafek, A. G., Taha, M. R. and Rosyidi, S. A. (2003). "An Intergration of the Seismic Methods in Characterization of an Unsaturated Granitic Residual Soil." IS Osaka 2003, p. 85-90.
- Rosyidi, S. A. P., Taha, M. R. and Nayan, K. A. M. (2003). "Determination of the design input parameter of dynamic elastic modulus of road-pavement base layer using wave propagation technique." Konferensi Teknik Jalan ke 7, Jakarta, Indonesia.
- Taha, M. R., Kabir, H. and Desa, H. (2003). "Basic testing of a residual soil for use as landfill liner material." Proc. 13th Regional Conf. on Soil Mech. and Geotech. Eng., Megamix, Casablanca, Morocco, p. 341-346.
- Tan, Y. C., Gue, S. S., Ng, H. B. and Lee, P. T. (2003). "Design Parameters of Klang Clay, Malaysia." 12th Asian Regional Conf. on Soil Mech. and Geotech. Eng., Singapore, 4th-8th Aug. 2003.
- Ting, W. H. (2003). "Characterization of Strength of In-Situ Soils." A.A. Balkema, the Netherlands, Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi, India.
- Yue, D., Ling, H. I. and Kaliakin, V. N. (2003). "Simulating time-dependent behavior of clay using an anisotropic elastoplastic-viscoplastic bounding surface model." CD Proc. 16th A.S.C.E. Eng. Mech. Conf., Seattle.

#### 2004

- Ahmad, K., Taha, M. R. and Kassim, K. A. (2004). "Shear Resistance of an Electrokinetically-treated Residual Soil." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 243-248.
- Ali, F., Osman, N. and Lim, K. S. (2004). "Effects of Roots on Soil Shear Strength." Special Lecture, Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 75-88.
- Chai, W. K., Ali, F. and Hossain, M. (2004). "Prediction of the Undrained Shear Strength of Pavement Subgrade Using Falling Weight Deflectometer." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 229-236.
- Fairuz, S. M., Rohani, J. and Lunne, T. (2004). "CPTu Site Characterization: A Working Model for Offshore Peninsula and East Malaysia." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 201-220.
- Lee, E. C. (2004). "Matrix Suction Measurement of Compacted Residual Soil – A Laboratory Approach." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 221-228.
- Lee, S. T. and Ali, F. (2004). "Behaviour of Clayey Soils with Cement Additive." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 249-254.

- Mohamed, Z., Komoo, I., Rafek, A. G. and Osman, N. A. (2004). "A Comparative Study for Strength Determination of Weak Rock." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 255-262.
- Mydin, S. H., Taha, M. R. and Mustafa, A. (2004). "Some Engineering Properties of Carey Island Clay, Selangor." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 173-178.
- Rosyidi, S. A., Nayan, K. A.M. and Taha, M. R. (2004). "Measurement of Subgrade Stiffness Using the SASW Method." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 237-242.
- Tai, L. Y., Lee, K. W. and Ting, W. H. (2004). "Some Aspects of Peat Formation in Sibuluan Town and Related Engineering Problems." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 187-200.
- Tan, S. M., Chan, S. H. and Chong, T. W. (2004). "A Simple Software for Graphical Presentation of Subsoil Profiles." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 167-172.
- Tan, Y. C., Gue, S. S., Ng, H. B. and Lee, P. T. (2004). "Some Geotechnical Properties of Klang Clay." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 179-186.

## 2.2 Foundations

### 1969

- Chin, F. K. (1969). "Some Soil Characteristics and Foundation Problems." Journal of the I.E.M., June 1968, p. 1-9.
- Chin, F. K. (1969). "Size and Load Effect on Settlement of Footings in Clay." Proc. 7th Int. Conf. Soil Mech. and Found. Eng., Mexico, Aug. 1969. Vol. 2, p. 53-57.
- Chin, F. K. (1969). "The Point Resistance of Model Piles in Remoulded Lateritic Clay." Proc. Seventh Int. Conf. on Soil Mech. and Found. Eng., Mexico, Aug. 1969, Specialty Session on Eng. Properties of Lateritic Soils, p. 177-187.

### 1970

- Chin, F. K. (1970). "Estimation of the Ultimate Load of Piles from Tests not Carried to Failure." Proc. Second S.E.A. Conf. on Soil Engineering, Singapore, June 1970, p. 81-90.
- Chin, F. K. (1970). "The Interrelationship between Size, Settlement and Bearing Pressure of Footings in c-f Soils." Journal Dept. Of Eng., U.M., Vol. 9., June 1970, p. 23-33.
- Ting, W. H. (1970). "A Case History of the Buckling of Steel Rail Piles in Soft Ground." Panel Discussion, Tech. Session No. 4, Proc. 4th Asia Regional Conf., Bangkok, Vol. 2, p. 179-181.
- Ting, W. H. and Chan, S. F. (1970). "Bearing Capacity of Bakau Timber Piles in the Coastal Alluvium of West Malaysia." 4th Asian Regional Conf. on Soil Mech. and Found. Eng., Bangkok, July 1971.

### 1971

- Chin, F. K. (1971). "Discussion on Pile Tests-Arkansas River Project." Proc. A.S.C.E., SM6, June 1971, p. 930-932.
- Chin, F. K. (1971). "Estimating the Final Total Settlement-A Theoretical Analysis." Proc. 4th Asian Regional Conf. Soil Mech. and Found. Eng., Bangkok, July 1971, Vol. 2, p. 156-157.
- Chin, F. K. (1971). "Structures on Soft Ground and Pile Foundations." Proc. 4th Asian Regional Conf. Soil Mech. and Found. Eng., Bangkok, July 1971, Vol. 2, p. 101-110.
- Ting, W. H. and Chan, S. F. (1971). "Bearing Capacity of Bakau Timber Piles in the Coastal Alluvium of West Malaysia." Proc. 4th Asian Regional Conf. on Soil Mech. and Found. Eng., Bangkok, Vol. 1, p. 317-322.

### 1972

- Chin, F. K. (1972). "Foundation Problem on High-Rise Buildings on Reclaimed Land." Asian Building and Construction, Nov. 1972, p. 19-21.
- Chin, F. K. (1972). "The Inverse Slope as a Prediction of Ultimate Bearing Capacity of Piles." Proc. 3rd S.E.A. Conf. on Soil Eng., Hong Kong, Nov. 1972, p. 83-91.
- Ting, W. H. (1972). "Subsurface Exploration and Foundation Problems in the Kuala Lumpur Area." Journal of I.E.M., June 1972, Vol. 13.

### 1973

- Chin, F. K. (1973). "Behaviour of Piles in Alluvium." Proc. 8th Int. Conf. Soil Mech. and Found. Eng., Moscow, Aug. 1973, Vol. 2.1, p. 47-52.

Chin, F. K. (1973). "The Behaviour of Raft Foundations on Lateritic Soils." Conf. on Tall Buildings, Kuala Lumpur, Dec. 1973.

1974

Chin, F. K. (1974). "Discussion on Observation on the Behavior of a Piled-Raft Foundation on London Clay." Proc. Inst. Civil. Eng., London, Part 2 Research and Theory, Vol. 57, Sept. 1974, p. 548-549.

Ting, W. H. and Ladchumanan, K. (1974). "Foundation of a 17-Storey Building on a Pinnacled Limestone Formation in Kuala Lumpur." Conf. on Tall Buildings, Kuala Lumpur, Dec. 1974.

1975

Chan, S. F. (1975). "An Experimental Study of the Behaviour of Endbearing Cast-In-Situ Piles." Proc. 4th S.E.A. Conf. on Soil Eng., Kuala Lumpur, p. 4/25-4/32.

Chin, F. K. (1975). "Foundation Investigation for Highway Structures." Proc. Seminar on Soil Testing Methodology related to Road Construction. UNESCO for Asia and the Pacific, p. 1-10.

Ting, W. H., Ooi, T. A. and Chong, S. C. (1975). "An Analysis of Pile Behaviour in the Prai Area." Proc. 4th S.E.A. Conf. on Soil Eng., Kuala Lumpur, April 1975.

1976

Chin, F. K. (1976). "Discussion on Piles in Weak Rock." Symp. British Geotech. Soc. and Piling Group, I.C.E., May 1976, p. 212-215.

Ting, W. H., Yap, S. K. and Ooi, T. A. (1976). "Some Problems in Airfield Construction in Peninsular Malaysia." 1st Conf. of the Road Eng. Assoc. of Asia and Australasia, Bangkok, Thailand, Feb. 1976.

1977

Chan, S. F. (1977). "Load Transfer Characteristics of an Instrumented Steel Pile in a Fill Ground." Proc. 5th S.E.A. Conf. on Soil Eng., Bangkok, p. 153-163.

Chin, F. K. (1977). "Diagnosis of Pile Condition." Guest Lecture, 5th S.E.A. Geotech. Conf., Bangkok, July 1977.

Chin, F. K. and Chan, S. F. (1977). "Experimental Study of Eccentric Loading on Single Piles." Proc. 9th Int. Conf. on Soil Mech. and Found. Eng., Tokyo, Vol. 1, p. 459-462.

Ting, W. H. (1977). "A Note on the Determination of the Bearing Capacity of Concrete Piles in Peninsular Malaysia." Bulletin I.E.M., Nov. 1977, p. 14-16.

1979

Chan, S. F. and Hanna, T. H. (1979). "The Loading Behaviour of Initially Bent Large Scale Laboratory Piles in Sand." Canadian Geotech. Journal, Vol. 16, No. 1, Feb. 1979, p. 43-58.

Chin, F. K. (1979). "A Case Study of Soft Clay-Foundation-Structure Interaction." Proc. 6th Asian Regional Conf. Soil Mech. and Found. Eng., Singapore, July 1979, Vol. 2, p. 277-280.

Chin, F. K. (1979). "Soil Structure Interaction / Shallow and Deep Foundation." Proc. 6th Asian Regional Conf. Soil Mech. and Found. Eng., Singapore, July 1979, Vol. 2, p. 147-158.

Ting, W. H. (1979). "Failure Planes Adjacent to Pile Shafts." Ground Engineering, July 1979, Vol. 12, No. 5, p. 39.

1980

Chan, S. F. and Hanna, T. H. (1980). "Repeated Loading on Single Piles in Sand." Journal of Geotech. Eng. Div., A.S.C.E., Vol. 106, No. GT. 2, Feb. 1980, p. 171-188.

1982

Chin, F. K. (1982). "Behaviour of Piles in Loose Sand Soils." Proc. 7th S.E.A. Geotech. Conf., Hong Kong, Nov. 1982, Vol. 1, p. 289-301.

Ting, W. H. (1982). "Observations on Current Practices on the Use of Timber Pile in the Building and Construction Industry." Workshop on Standardisation, Approval and Treatment of Timber Piles. SIRIM and JKR, Selangor., May 1982.

1983

Chin, F. K. (1983). "Bilateral Plate Bearing Tests." Int. Symp. on Soil and Rock Investigations by In-situ Testing, Paris, May 1983, Vol. 2, p. 37-41.

Gue, S. S. (1983). "A Rig for Driving Model Piles." Oxford Univ. Eng. Lab. Report No. 1464/83.

### 1985

- Chan, S. F. (1985). "Construction Control for Bored Piles in Complex Soils." Panel Discussion, Session 4B on Pier Foundations, Proc. 11th Int. Conf. on Soil Mech. and Found. Eng., San Francisco, Vol. 5, p. 2740.
- Chan, S. F. (1985). "The IFP Penetrometer as a Construction Control Tool for Bored Piles." Panel Discussion, Open Forum on Geotech. Problems in S.E.A., Proc. 8th S.E.A. Geotech. Conf., Kuala Lumpur, Vol. 2, p. 145-147.
- Chan, S. F. and Hong, L. P. (1985). "Pile Foundations in Limestone Areas of Malaysia." Proc. 8th S.E.A. Geotech. Conf., Kuala Lumpur, Vol. 1, p. 4-17 to 4-28.
- Chin, F. K. (1985). "Behaviour of Piles in the Soft Organic Clays in Southeast Asia." Geotech. Eng. in S.E.A. Commemorative Vol., S.E.A. Geotech. Soc., A.A. Balkema, p. 111-126.
- Chin, F. K. (1985). "Discussion on Pier Foundations." Session 4B, Proc. 11th Int. Conf. Soil Mech. and Found. Eng., San Francisco, Aug. 1985.
- Chin, F. K. (1985). "Pile Damage Due to Soil Heave." Proc. 11th Int. Conf. Soil Mech. and Found. Eng., San Francisco, Aug. 1985, Vol. 3, p. 1361-1364.
- Gue, S. S. (1985). "The Influence of Pile Driving Through A Surcharged Collar in Clay." Eighth S.E.A. Geotech. Conf.
- Ting, W. H. (1985). "A Simplified Method of Estimating Settlements of Individual Piles." Ground Engineering, Sept. 1985, p. 34-36.
- Ting, W. H. (1985). "Foundation in Limestone Areas of Malaysia." Special Lecture, Proc. 8th S.E.A. Geotech. Conf., I.E.M., March 1985.
- Ting, W. H. and Toh, C. T. (1985). "An Instrumented Bored Pile With Soil Improvement for Increased Shaft Resistance." 11th Int. Conf Soil Mech. and Found. Eng., San Francisco.
- Ting, W. H., Toh, C. T. and Ooi, T. A. (1985). "Behaviour of a Raft Foundation on Improved Soil and Rock." Proc. 8th S.E.A. Geot. Conf., Kuala Lumpur, p. 3-64 to 3-80.

### 1986

- Gue, S. S. (1986). "Technical Evaluation of Alternative Piles." Public Works Dept. Malaysia's Senior Officers Conf., Terengganu.

### 1987

- Ting, W. H. (1987). "The Use of Small Concrete Piles in Malaysia." Bulletin of I.E.M., May 1987.
- Ting, W. H., Wong, T. F. and Toh, C. T. (1987). "Design Parameters for Soft Grounds in Malaysia." Proc. 9th S.E.A. Geotech. Conf., Bangkok, Dec. 1987.
- Toh, C. T., Chin, R. Y. C., Ting, W. H., Jaffar M. and Yeo H. S. (1987). "Auger Piles and Minipiles in Cavernous and Pinnacled Limestone." Proc. 9th S.E.A. Geotech. Conf., Bangkok, Dec. 1987.
- Toh, C. T., Ting, W. H. and Ooi, T. A. (1987). "Allowance Bearing Pressures for Shales and Sandstones of the Kenny Hill Formation." Proc. 9th S.E.A. Geotech. Conf., Bangkok, Dec. 1987.

### 1988

- Chan, S. F. (1988). "Underpinning of Foundation Failures Using Micropiles." Proc. Sarawak Geotech. Symp., Kuching, I.E.M., p. 52-62.

### 1989

- Gue, S. S. (1989). "The use of pressure treated timber piles-Kempas?!" Public Works Dept. Malaysia's Senior Officers Conf., Pahang.
- Toh, C. T., Ooi, T. A., Chiu, H. K. Chee, S. K. and Ting, W. H. (1989). "Design Parameters for Bored Piles in a Weathered Sedimentary Formation." Proc. 12th Int. Conf. on Soil Mech. and Found. Eng., Rio De Janeiro, Aug. 1989.

### 1990

- Chan, S. F. and Lee, P. C. S. (1990). "The Design of Foundations for Suntec City, Singapore." Proc. Conf. on Deep Foundation Practice, Singapore, p. 27-34.
- 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, p. 273-290.
- Chow, Y. K., Chin, J. T. and Lee, S. L. (1990). "Negative skin friction on pile groups." Int. Journal for Numerical and Analytical Methods in Geomechanics, Vol. 14, p. 75-91.

- Chow, Y. K., Chin, J. T., Kog, Y. C. and Lee, S. L. (1990). "Settlement analysis of socketed pile groups." *Journal of Geotech. Eng. Div., A.S.C.E.*, vol. 116, No.8, p. 1171-1184.
- Gue, S. S. (1990). "The influence of driving a Group of Piles Through a Surcharged Collar in Clay." 10th S.E.A. Geotech. Conf., Taipei, Taiwan.
- Mustafa, A. and Taha, M. R. (1990). "Timber piles-their performance and some design recommendations." *Piletalk International*, Jakarta, Indonesia, p. 117-122.
- Tan, C. P., Parkin, A. K. and Yee, Y. W. (1990). "Monotonic Testing of a Model Pile Driven in a Calcareous Sandy Silt." *Proc 22nd Offshore Technology Conf., Paper OTC 6242, Houston., 1990, Vol. 1, p. 399-404.*

#### 1991

- 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, No. 4, p. 289-320.
- Chin, J. T. and Poulos, H. G. (1991). "Axially loaded vertical piles and pile groups in layered soil." *Int. Journal for Numerical and Analytical Methods in Geomechanics*, vol.15, No.7, p.497-511.
- Chow, Y. K. and Chin, J. T. (1991). "Downdrag forces in piles and pile groups." *Proc. 7th. Int. Conf. on Computer Methods and Advances in Geomechanics*, Vol. 1, p. 127-132.
- Lee, S. L., Chow, Y. K., Somehsa, P., Kog, Y. C., Chan, S. F. and Lee, P. C. S. (1991). "Dynamic Testing of Large Diameter Bored Piles." *Piletalk Int. Seminar, Kuala Lumpur*, p. 63-68.
- Taha, M. R. (1991). "Geotechnical considerations." *Short Course on Bridge Engineering, U.K.M., Aug. 1991, p. 32.*
- Ting, W. H. and Chan, S. F. (1991). "Soil-Structure Interaction and Foundations." *Theme Lecture, Session 3, Proc. 9th Asian Regional Conf. on Soil Mech. and Found. Eng., Bangkok, Vol. 2, p. 307-321.*

#### 1992

- Chan, S. F. (1992). "Some Recent Developments in Deep Foundation Practice in Southeast Asia." *Special Lecture, Proc. Korean National Conf. on Deep Foundations, Seoul, p. 1-11.*
- Chin, J. T. and Poulos, H. G. (1992). "Cyclic axial pile loading analyses: A comparative study." *Computers and Geotechnics*, Vol. 13, No. 3, p. 137-158.
- Parkin, A. K., Tan, C. P. and Yee Y. W. (1992). "Model Pile Testing in Calcareous Sand and Silt in a Laboratory Calibration Chamber." *6th ANZ Geomechanic Conf., Australia, 1992.*

#### 1993

- Chan, S. F. (1993). "Behaviour of Foundations During Failure and Underpinning Using Micropiles." *Special Lecture, Proc. 11th S.E.A. Geotech. Conf., Singapore, p. 25-36.*
- Ting, W. H., Lau, L. Y. and Chen, M. S. (1993). "Treatment of Cavities for Piled Foundations." *Forum on Urban Geology and Geotech. Eng. in Construction, I.E.M., 1st July 1993.*

#### 1994

- Acar, Y. B., Avent, R. R. and Taha, M. R. (1994). "Down drag on friction piles: A case history." *Proc. on Specialty Conf. on Vertical and Horiz. Deform. of Found. and Embank., A.S.C.E., New York, p. 986-999.*
- Chin, J. T. and Poulos, H. G. (1994). "Closure to discussions on "Cyclic axial pile loading analyses: A comparative study." *Computers and Geotechnics*, Vol. 16, No. 1, p. 75-80.
- Gue, S. S. (1994). "Piled Embankment Failure." *1st Malaysian Road Conf., Workshop on Embankment of Soft Soils, Malaysia.*
- Ting, W. H., Chan, S. F. and Ooi, T. A. (1994). "Design Methodology and Experiences with Pile Supported Embankments." *Proc. Symp. on Develop. in Geotech. Eng. from Harvard to New Delhi 1936-94, Bangkok, 1994, p. 419-432.*

#### 1996

- Chan, S. F. (1996). "Foundation Failures." *6th Annual Prof. Chin Fung Kee Memorial Lecture, Journal of I.E.M., Vol. 57, No. 4, Dec. 1996, p. 1-20.*
- Chan, S. F. and Ting, W. H. (1996). "Micropiles." *Special Lecture, Proc. 12th S.E.A. Geotech. Conf., Kuala Lumpur, Vol. 2, p. 93-99.*
- Chin, J. T. (1996). "Back-analysis of an instrumented bored pile in Singapore Old Alluvium." *Proc. 12th. S.E.A. Geotech. Conf., Kuala Lumpur, vol.1, p. 441-446.*

- Chin, J. T. and Poulos, H. G. (1996). "Cyclic model pile tests in calcareous sand." Proc. 12th. S.E.A. Geotech. Conf., Kuala Lumpur, vol.1, p. 447-452.
- Chin, J. T. and Poulos, H. G. (1996). "Tests on model jacked piles in calcareous sand." Geotech. Testing Journal, ASTM, vol.19, No.2, p. 164-180.
- Hewitt, P. and Gue, S. S. (1996). "Piled Raft Foundation in a Weathered Sedimentary Formation, Kuala Lumpur, Malaysia." Proc. 12th S.E.A. Geotech. Conf., Kuala Lumpur, 1996
- Hight, D. W., Lawrence D.M, Farquhar, G.B., Miligan, G. W., Gue, S. S. and Potts, D. M. (1996). "Evidence for Scale Effects in the End Bearing Capacity of Open-ended Piles in Sand." Offshore Technology Conf. 7975, United Kingdom.
- Ting, W. H. and Tan, Y. K. (1996). "The Movement of a Wharf Structure subject to Fluctuation of Water Levels." 14th Int. Conf. on Soil Mech. and Found. Eng., Hamburg, Germany, Sept. 1997.
- Wallace, J. C. W. and Yee, Y. W. (1996). "Site Stabilisation and Foundations for a High-Rise Building on a Steep Slope." Proc. 12th S.E.A. Geotech. Conf., Kuala Lumpur, 1996.

#### 1997

- Chan, S. F. (1997). "Causes of Foundation Failures." Special Lecture, Proc. Int. Conf. on Found. Failures, Singapore, p. 3-10.
- Chin, J. T. and Chow, Y. K. (1997). "The combined effect of axial load and downdrag on single piles." Short Course on Found. and Geotech. Eng. (SCOFG '97), Johor Bahru, March 1997, p. 188-201.

#### 1998

- Gue, S. S. and Chen, C. S. (1998). "A Comparison of Dynamic and Static Load Tests on Reinforced Concrete Driven Pile." 13th S.E.A. Geotech. Conf., Taipei, Taiwan, p. 497-501.
- Gue, S. S. and Chen, C. S. (1998). "A Comparison of Dynamic and Static Load Tests on Reinforced Concrete Driven Pile." 13th S.E.A. Geotech. Conf., Taipei, Taiwan.
- Gue, S. S. and Liew, S. S. (1998). "Design, Installation and Performance of Micropiles in Kuala Lumpur Area, Malaysia." 13th S.E.A. Geotech. Conf., 16th-20th Nov. 1998, Taipei, Taiwan.
- Tan, S. M. and Koul K. K. (1998). "Problems Encountered with the Use of 'Set' Criterion In Pile Driving." Proc. 13th S.E.A. Geotech. Conf., Taipei, Taiwan, p. 557-561.
- Tan, Y. C., Chen, C. S. and Liew, S. S. (1998). "Load Transfer Behaviour of Cast-in-Place Bored Piles in Tropical Residual Soils of Malaysia." 13th S.E.A. Geotech. Conf., Taipei, Taiwan, p. 563-571.
- Ting, W. H. (1998). "A Survey of Pile Systems in Malaysia-Past and Present." I.E.M. Foundation Course, Kuching, 30-31 Oct. 1998.
- Ting, W. H. and Tai, L. Y. (1998). "Micropiles in Malaysia." The Inst. of Struc. Eng., UK, Feature Article, p.1-3.
- Yee, Y. W. and Yap, L. C. (1998). "Hand-dug Caisson Foundations for Tall Building Over Cavernous Limestone." Proc. 13th S.E.A. Geotech. Conf., Taipei, 1998.

#### 1999

- Chen, C. S., Liew, S. S. and Tan, Y. C. (1999). "Time Effects on the Bearing Capacity of Driven Piles." 11th Asia Regional Conf. on Soil Mech. and Geotech. Eng., Seoul, Korea, Vol. 1, p. 175-178.
- Gue, S. S. (1999). "Foundations in Limestone Areas of Peninsular Malaysia." Conf. on Civil and Environmental Engineering-New Frontiers and Challenges, A.I.T., Bangkok, Thailand.
- Gue, S. S., Liew, S. S. and Tan, Y.C (1999). "Instrumentation Results on Negative Downdrag Force of AbU.T.M.ent Piles Underneath the Reinforced Earth Wall Embankment." 5th Int. Symp. on Field Measurements in Geomechanics (FMGM-99), 1st-3rd Dec. 1999, Singapore.

#### 2000

- Gue, S. S. (2000). "Innovative Geotechnical Input for Approaches to Bridges and Culverts Over Compressible Soils." 4th Malaysian Road Conf., Kuala Lumpur
- Tan, Y. K. (2000). "Pile Design and Construction in Sarawak: Past, Present and Future." Conf. on Eng. in Sarawak, Kuching, May 2000.
- Ting, W. H. (2000). "Downdrag Settlement of a Single Floating Pile." Journal of the S.E.A. Geotech. Soc., Aug. 2000, Vol. 31, No. 2.
- Ting, W. H. (2000). "Underpinning a Medium-Rise Building with Micropiles-A Case History." Journal of the S.E.A. Geotech. Soc., Photographic Feature, Aug. 2000, Vol. 31, No. 2.



Yee, Y. W., Tong, V. W. and Wallace, J. (2000). "Remedial works on Damaged Spun Piles in Soft Marine Clay." Seminar on Failures Related to Geotech. Works, Kuala Lumpur, 2000.

#### 2001

Fellenius, B. H. and Ting, W. H. (2001). Discussion and Closure on "Downdrag Settlement of a Single Floating Pile." Vol. 32, No. 1, April 2001.

Gue, S. S. and Tan, Y. C. (2001). "The Foundation System of Berjaya Times Square." Seminar on Megaprojects : A Study on Civil Eng. Projects, U.T.M., Johor Bahru, 11th Aug. 2001.

Tan, S. M. and Ling, C. H. (2001). "The Use of High Capacity Hydraulic Injection Piles for Buildings in Limestone Ex-tin Mining Sites in Kuala Lumpur." Proc. 14th S.E.A. Geotech. Conf., Hong Kong, Vol. 1, p. 459-464.

Yee, Y. W., Pan, J. K. L. and Guo, Y. Y. "Construction and Design of Hand-dug Caisson Foundation in Malaysia." 14th S.E.A. Geotech. Conf., Hong Kong, Dec. 2001.

#### 2002

Liew, S. S., Gue, S. S. and Tan, Y. C. (2002). "Design and Instrumentation Results of A Reinforcement Concrete Piled Raft Supporting 2500 Ton Oil Storage Tank On Very Soft Alluvium Deposits." Ninth Int. Conf. on Piling and Deep Found., Nice, 3rd-5th June 2002

#### 2003

Chan, S. F. and Tan, Y. K. (2003). "Improving Pile Raft Performance." Proc. 12th Asian Regional Conf. on Soil Mech. and Geotech. Eng., Singapore, p. 577-580.

Chen, C. S. and Tan, S. M. (2003). "Some Engineering Properties of Soft Clay from Klang Area." 2nd Int. Conf. on Advances in Soft Soil Eng. and Tech., 2-4 July 2003, Putrajaya, p.79-87.

Gue, S. S. and Tan, Y. C. (2003). "A Brief Guide to Design of Cast-in Place Bored Piles-Malaysian Approach." Seminar on Bridge-Large Diameter Bored Pile, Kuala Lumpur, 25th and 26th June 2003.

Gue, S. S. and Tan, Y. C. (2003). "Prevention of Failure of Bridge Foundation and approach Embankment on Soft Ground." 2nd Int. Conf. on Soft Soil Eng. and Technology, Putrajaya, July 2003.

Gue, S. S., Tan, Y. C. and Liew, S. S. (2003). "A Brief Guide to Design of Bored Piles Under Axial Compression-A Malaysian Approach." Seminar on Bridge, Kuala Lumpur, 25th-26th June 2003.

Liew, S. S. and Fong, C. C. (2003). "Design and Construction of Micropiles." Geotech. Course for Pile Found. Design and Construction, Ipoh, 29th-30th Sept. 2003

Tan, Y. C. and Chow, C.C. (2003). "Design and Construction of Bored Piles Foundation." Geotech. Course for Pile Found. Design and Construction, Ipoh, 29th-30th Sept. 2003.

Tan, Y. K. (2003). "The Movement of a Coastal Riverbank in Sarawak." 2nd Int. Conf. on Advances in Soft Soil Eng. and Tech., Putrajaya, 2-4 July 2003.

Ting, W. H. and Fuad, N. (2003). "Pile Socket Capacity and Rock Mass Classification." Journal of the Southeast Asian Geotechnical Soc., April 2003.

Yee, Y. W. (2003). "Case Histories of Piled Foundation Failure." 2 days Conf. on Geotech. Eng.: Design & Construction of Pile Found. (The Malaysian Experience), 2003.

#### 2004

Balasubramaniam, A. S., Phienweij, N., Gan, C. H. and Oh, Y. N. (2004). "Piled Foundations and Basement Excavations for Tall Buildings in Bangkok Subsoils." Special Lecture, Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 89-108.

Chan, S. F. (2004). "Design and Construction of Foundations for Suntec City, Singapore." Special Lecture, Proc. Malaysian Geotech. Conf., Kuala Lumpur, p. 21-44.

Chan, S. F. (2004). "Foundation Failures-A Review." Proc. Malaysian Geotech. Conf., Kuala Lumpur, p. 335-356.

Chin, J. T. (2004). "A review of some pile settlement acceptance criteria." Proc. Malaysian Geotech. Conf., Kuala Lumpur, 2004, p. 269-276.

Chin, J. T. (2004). "Optimum design of piles subject to vertical soil movements." Proc. Malaysian Geotech. Conf., Kuala Lumpur, 2004, p. 307-314.

Chin, J. T. (2004). "Single pile settlement: a practical assessment." submitted for review for the 15th. S.E.A. Geotech. Conf., Bangkok, Nov. 2004.

Chua, C. G. (2004). "Verification of Pile Design Parameters Using Modified Chin Method." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 299-306.

- Lee, E. C. (2004). "Pile Foundation for the Reconstruction of North Port Berths 12 & 13 at Port Klang." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 263-268.
- Liew, S. S., Kowng, Y. W. and Gan, S. J. (2004). "Interpretations of Instrumented Bored Piles in Kenny Hill Formation." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 291-298.
- Liew, S. S., Ng, H. B. and Lee, K. K. (2004). "Comparison of HSDPT and SLT Results of Driven Piles in Malaysian Residual Soils." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 315-322.
- Nazir, R. and Lee, S. W. (2004). "Horizontal Load Capacity of Single Piles in Sand." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 277-282.
- Ooi, T. A., Tung, N. C. and Ng, S. L. (2004). "The Use of Micropiles in Malaysia." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 323-334.
- Tan, Y. K. and Chan, S. F. (2004). "Behaviour of a Strengthened Pile Raft Foundation." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 283-290.
- Tan, Y. K. and Ting, W. H. (2004). "Design of Piles Subjected to Large Lateral Soil Movement." Special Lecture, Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 149-164.

### **2.3 Retaining Systems**

#### 1982

- Chin, F. K. (1982). "Excavations for Basements in Clay." Guest Lecture, Asian Regional Conf. on Tall Buildings and Urban Development, Kuala Lumpur, Aug. 1982.
- Ting, W. H. (1982). "Procedure for Specifying a Diaphragm Wall." Conf. on Diaphragm Walling Techniques, May 1982.

#### 1985

- Ting, W. H., Tan, G. Y. and Toh, C. T. (1985). "Foundation for Sri Mara Complex." Proc. 8th S.E.A. Geotech. Conf., Kuala Lumpur, p. 4-68 to 4-72.

#### 1986

- Toh, C. T., Chee, S.K. and Ting, W. H. (1986). "Design, Construction And Performance of a Geogrid Reinforced High Slope And Unreinforced Fill Slopes." I.E.M.-J.S.S.M.F.E. Joint Symp. on Geotech. Problems, March 1986, Kuala Lumpur.

#### 1987

- Chiu, H. K., Wong, A. K. W. and Lee, C. H. (1987). "Reinforced Earth Walls in Malaysia." 9th S.E.A. Geotech. Conf. Bangkok, Thailand, p. 8-121-8-138.

#### 1989

- Chin, F. K., Chan, S. F., Ali, F. and Tee, H. E. (1989). "The Use of a Reinforced Soil Wall in Rehabilitation of a High Slope Failure." Proc. Symp. on Application of Geosynthetic and Geofibre in Southeast Asia, Petaling Jaya, Malaysia, p. 2-10 to 2-18.
- Ting, W. H. (1989). "Embankment with Geogrid and Vertical Drains." Discussion Proc. Int. Symp. on Trial Embankments on Malaysian Marine Clays, Kuala Lumpur, p. 35-1 to 35-3.
- Yee, K. and Awang, A. (1989). "The Use of Geosynthetics in Cooling Water Outfall Construction." Proc. Int. Symp. on the Applications of Geosynthetics and Geofibre in S.E.A., Kuala Lumpur, 1989.

#### 1990

- Yong, K. Y., Chan, S. F. and Lee, K. K. (1990). "Reinforced Soil Working Platform for Offshore Jacket Fabrication Yard." Proc. 4th Int. Conf. on Geotextiles, Geomembranes and Related Products, the Hague, p. 223-226.

#### 1991

- Chan, S. F. and Yap, T. F. (1991). "Effects of Construction of a Diaphragm Wall Very Close to a Masonry Building." Proc. Int. Symp. on Slurry Walls: Design/Construction/ Quality Control, Atlantic City, USA, ASTM, STP 1129, p. 128-139.

#### 1992

- Ling, H. I. and Tatsuoka, F. (1992a). "Nonlinear Analysis of Reinforced Soil Structures by Modified CANDE (M-CANDE)." Geosynthetic-Reinforced Soil Retaining Walls, Wu (Ed.), Balkema, p. 279-296.

Ling, H. I. and Tatsuoka, F. (1992b). "Post Symp. Discussions. Applicability of M-CANDE for Analyzing the Behavior of Geosynthetic-Reinforced Soil Structures." Geosynthetic-Reinforced Soil Retaining Walls, Wu (Ed.), Balkema, p. 297-303.

1993

Ling, H. I. (1993). "Summary of Floor Discussions on The Invited Papers." Recent Case Histories of Permanent Geosynthetic-Reinforced Soil Retaining Walls, Tatsuoka and Leshchinsky (Eds.), Balkema, p. 181-188.

Ting, W. H. (1993). "Report on Braced Excavation in Soft Ground." ISSMFE TC28, Underground Construction in Soft Ground National Report on Codes of Practices, Regulations and Authorative.

1995

Leshchinsky, D., Ling, H. I. and Hanks, G. (1995). "Unified Design Approach to Geosynthetic Reinforced Slopes and Segmental Walls." Geosynthetics International, Vol. 2, No. 5, p. 845-881

Leshchinsky, D., Leshchinsky, O., Ling, H. I. and Gilbert, P. (1996). "Geosynthetic Tubes for Confining Pressurized Slurry: Some Design Aspects." Journal of Geotech. Eng., A.S.C.E., Vol. 122, No. 8, p. 682-690.

1997

Lee, C. H. and Oh, Y. C. (1997). "Design, construction and performance of an anchored earth wall in Malaysia." Mechanically Stabilized Backfill, Wu (Ed.), Balkema, p. 185-191;

Tan, Y. C. (1997). "Deformations of anchored diaphragm walls for deep basement at Berjaya Star City, Kuala Lumpur." 3rd Young Geotech. Eng. Conf. (3YGEC), Singapore.

1998

Gue, S. S. and Tan, Y. C. (1998). "Design and Construction Considerations for Deep Basement." Seminar on Design and Construction Considerations for Deep Basement, I.E.M. Northern Branch (Penang).

Gue, S. S. and Tan, Y. C. (1998). "Performance of Anchored Diaphragm Walls for Deep Basement in Kuala Lumpur, Malaysia:." 13th S.E.A. Geotech. Conf., 16th-20th Nov. 1998, Taipei, Taiwan.

Phien-Wej, N., Gan, C. H. and Balasubramaniam, A. S. (1998). "Ground Movements in Deep Excavations with Concrete Diaphragm Walls in Bangkok Soils." Proc. 13th S.E.A. Geotech. Conf., Taipei, Taiwan, Vol.1, p. 637-642.

1999

Cheang, W.L., Tan, S. A., Yong, K. Y., Gue, S. S. and et. al. (1999). "Jacked-In Pipe Reinforcement of a Deep Excavation in Soft Soil." 5th Int. Symp. on Field Measurements in Geomechanics (FMGM-99), Singapore

Taha, M. R., Mofiz, S. A. and Hossain, M. K. (1999). "Behaviour of georeinforced residual soil in triaxial test." Proc. World Eng. Congress '99, U.P.M., Kuala Lumpur, July 1999, p. 175-180.

2000

Chen, C. S., Hiew, L. C. and Sofiana, B. T. (2000). "Failures Due to Excavation in Soft Clay." Seminar on Failures Related to Geotech. Works, I.E.M., 23-24 Oct. 2000.

Gue, S. S. and C. S. Chen (2000). "Failure of A Reinforced Soil Wall on Piles." Geosynthetics Asia Conf. (GA2000), 2000.

Gue, S. S. and Chen, C. S. (2000). "Failure of a Reinforced Soil Wall on Piles." Proc. 2nd Asian Geosynthetic Conf., Kuala Lumpur, Vol. 2, p. 37-42.

Lee, C. H. (2000). "Design and Construction of a 9.6m High Segmental Wall." Proc. 2nd Asian GeoSynthetics Conf., Kuala Lumpur, p. 19-24.

Liew, S. S., Tan, Y. C. and Chen, C. S. (2000). "Design, Installation and Performance of Jack-In Pipe Anchorage System for Temporary Retaining Structures." GeoEng2000, Melbourne, Australia, Nov. 2000.

Ling, H. I., Cardany, C., Sun, L-X. and Hashimoto, H. (2000). "Finite Element Analysis of a Geosynthetic-Reinforced Soil Retaining Wall with Concrete-Block Facing." Geosynthetics International, Vol. 7, No. 3, p. 163-188)

2001

Chen, C. S. (2001). "Stabilization of a Failed Slope with Reinforced Soil Wall." Proc. 14th S.E.A. Geotech. Conf., Hong Kong, p.1111-1114.

- Lim, C. S., Tan, S. M. and Hiew, L. C. (2001). "A Basement Excavation Using Tie Back, Internal Horizontal Strutting and Inclined-Struts-and-Berm System." Proc. 14th S.E.A. Geotech. Conf., Hong Kong, Vol. 2, p. 1031-1035.
- Pamuk, A., Leshchinsky, D. and Kaliakin, V. N. (2001). "Creep and Pullout Resistance of Geogrid Embedded in Cohesive Soil Subjected to Sustained and Repeated Tensile Load." 15th Int. Conf. on Soil Mech. and Found. Eng., Istanbul, Turkey, p. 1621-1624.
- Talha, S. B. (2001). "Deformation Behaviour of a Retaining Wall for a Deep Basement Excavation with Semi-Top Down Method." Proc. 14th S.E.A. Geotech. Conf., Hong Kong, Vol. 2, p. 1049-1053.
- Tan, Y. C. and Gue, S. S. (2001). "A Numerical Analysis of Anchored Diaphragm Walls for a Deep Basement in Kuala Lumpur, 14th S.E.A. Geotech. Conf., Hong Kong, 10th-14th Dec. 2001.
- Tan, Y. C., Liew, S. S., Gue, S. S. and M. R. Taha (2001). "A Numerical Analysis of Anchored Diaphragm Walls for A Deep Basement in Kuala Lumpur, Malaysia." 14th S.E.A. Geotech. Conf., Hong Kong, 10th-14th Dec. 2001.

#### 2002

- Whittle, A. J. and Ling, H. I. (2002). "Geosynthetics in Construction." in Material Encyclopedia, Elsevier.

#### 2003

- Ling, H. I. and Leshchinsky, D. (2003). "Parametric studies of the behavior of segmental block reinforced soil retaining walls." Geosynthetics International.
- Ling, H. I., Mohri, Y., Leshchinsky, D., Burke, C., Matsushima, K. and Liu, H. (2003). "Behavior of a full-scale modular-block reinforced soil retaining wall subject to earthquake loading." CD Proc. 16th A.S.C.E. Eng. Mech. Conf., Seattle.

#### 2004

- Chen, C. S. and Hiew, L. C. (2004). "Collapse of a Sheet Piled Monsoon Drain." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 381-386.
- Gan, C. H., Tan, S. M. and Choo, Y. L. (2004). "Performance of Jet-vibro Sheet Piles and Soldier Piles Temporary Retaining System." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 367-374.
- Ghani, A. N., Ahmad, F., Hamir, R. and Mohd., S. (2004). "Yielding Behavior of Scrap Tire Based Lightweight Geomaterials." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 375-380.
- Lee, N. C. H. and Chew, S. H. (2004). "Centrifuge Model Testing of a Reinforced Soil Wall." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 397-404.
- Liew, S. S. and Choo E. L. (2004). "Bending Moment Interpretation of Structural Element with Measured Deflection Profile." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 387-396.
- Pamuk, A., Ling, H. I., Leshchinsky, D., Kalkan, E. and Adaliar, K. (2004). "Behavior of reinforced wall system during the 1999 Kocaeli (Izmit) Turkey Earthquake." Proc. 5th Int. Conf. on Case History in Geotech. Eng., New York (April 2004-in press).
- Talha, S. B. and Hooi, K. Y. H. (2004). "Prediction Versus Observed Movement of a Very Deep Diaphragm Wall Basement in Kenny Hill Residual Soils." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 359-366.

## **2.4 Slopes**

#### 1963

- Ting, W. H. and Skepper, H. G. (1963). "Soil Stabilisation." Journal of the Inst. of Engineers, Malaya, March 1963.

#### 1971

- Ting, W. H. (1971). "Some Aspects of Soil Stabilisation in West Malaysia." Journal of I.E.M., Oct. 1971.

#### 1982

- Ting, W. H. (1982). "Stability of Slopes." Chapter 9 of Short Course on Soil Mech. and Found. Eng., Kuala Lumpur, March-April 1982.

1984

- Tan, B. K. (1984). "Landslides and Their Remedial Measures in Malaysia." Proc. 4th Int. Symp. on Landslides, Toronto, p. 705-709.
- Ting, W. H. (1984). "Stability of Slopes in Malaysia." Proc. A.I.T. Symp. on Geotechnical Aspects of Mass and Material Transport, A.I.T., Bangkok. (Also presented as Course on Quarternary Geology, U.K.M. Escap., Bangi, Selangor, 1984).

1987

- Ting, W. H., Toh, C. T. and Chee, S.K. (1987). "Movement and Stability of Slopes in Residual Soil Fills." Vol. 1, Proc. 8th Asian Regional Conf. on Soil Mech. and Found. Eng., Kyoto, Japan, p. 503-508.

1988

- Gue, S. S. (1988). "Interaction between water pipes and slope stability." Public Works Dept. Malaysia's Senior Officers Conf., Selangor.

1989

- Tatsuoka, F., Yamauchi, H., Tamura, Y. and Ling, H. I. (1989). "Study into Reinforcing Method of Steep Clay Slopes by Means of Test Embankments." Tsuchi-to-Kiso, Journal of Japanese Soc. of Soil Mech. and Found. Eng., Vol. 37, No. 11, Nov. p. 49-54. (in Japanese with English Abstract)
- Ting, W. H., Toh, C. T., Choong, P. K., Wong, T. F. and Chiam, T. T. (1989). "The Behaviour Of An Instrumented Dowel Installed To Stabilise Slope Movements." Conf. On Instrumentation in Geotech. Eng., Univ. of Nottingham, ICE, 3-5 April 1989.

1990

- Ting, W. H., Zulkifly, G. and Nithiaraj, R. (1990). "Study on The Stability of Slope Along Seremban-Ayer Keroh Expressway." Seminar on Geotech. Aspects of the North-South Expressway, 5 to 6 Nov. 1990.

1991

- Tatsuoka, F., Murata, O., Tateyama, M., Nakamura, K., Tamura, Y., Ling, H. I., Iwasaki, K. and Yamauchi, H. (1991). "Reinforcing Steep Slopes with a Nonwoven Geotextile." Proc. Int. Reinforced Soil Conf., Glasgow, U.K., p. 141-146.

1992

- Mohd Amin, J., Taha, M. R., Salleh, M. S. and Ahmed, J. (1992). "Slope stability along the Malaysian Kuala Lumpur Seremban Expressway." Proc. 6th. Int. Symp. on Landslides, Christchurch, N.Z., A.A. Balkema, 1345-1349.
- Tan, B. K. (1992). "A Survey of Slope Failures along the Senawang-Air Keroh Highway, Negri Sembilan/Melaka, Malaysia." Proc. 6th Int. Symp. on Landslides, Christchurch, p. 1423-1427.

1995

- Gue, S. S. (1995). "Geotechnical Assessment for Hillside Development." Dialogue Session Geological and Geotech. Considerations in Civil Works, Geological Survey Dept. Malaysia, Kuala Lumpur.
- Ling, H. I. and Leshchinsky, D. (1995). "Seismic Performance of Simple Slopes." Soils and Foundations, Vol. 35, No. 2, p. 85-94.
- Ting, W. H. (1995). "Design Concepts for Building on Hill-Sites." Proc. Symp. On Hillside Development : Engineering Practice and Local By-Laws, April I.E.M., June 1996.

1996

- Nithiaraj, R., Ting, W. H. and Balasubramaniam, A. S. (1996). "Strength Parameters of Residual Soils and Application to Stability Analysis of Anchored Slopes." Geotech. Eng., Journal of S.E.A. Geotech. Soc., A.I.T., Dec. 1996, Vol. 27, No. 2.

1997

- Ling, H. I., Leshchinsky, D. and Mohri, Y. (1997). "Soil Slopes under Combined Horizontal and Vertical Seismic Accelerations." Earthquake Eng. and Structural Dynamics, Vol. 26, p. 1231-1241.
- Ling, H. I., Mohri, Y., Yasunaka, M., Kawabata, T. and Leshchinsky, D. (1997). "Stability and Permanent Rotation of Slope under Combined Vertical and Horizontal Random Seismic Excitation." Proc. 32nd Japan Nat. Conf. on Geotech. Eng., Kumamoto, p. 1835-1836.

1998

- Ting, W. H. and Nithiaraj, R. (1998). "The stabilisation of slopes in weathered formations in Malaysia by ground anchorages." 13th S.E.A. Geotech. Conf., Special Lecture, Taipei, 16th-20th Nov. 1998.

### 1999

Ting, W.H and Tan, K. C. (1999). "Rock-Slope Stabilisation." I.E.M. Lecture: Short Course on Rock Slope Eng., 23 March 1999.

### 2000

Gue, S. S. and Tan, Y. C. (2000). "Hill-Site Development-Planning, Design, Construction and Maintenance Considerations." Seminar on Geotechnical Engineering 2000, I.E.M. (Northern Branch), Penang.

Kasa, A., Chik, Z., Taha, M. R., Nayan, K. A. M. and Babas, M. N. (2000). "Stability Analysis of Failed Cut Slopes Around Kajang." ICAST 2000, Puchong, Aug. 2000, p. 1595-1600.

Noraini, M. T., Bayfield. N. G., Barker, D. H., Lau, S. M. and Taha, M. R. (2000). "Eco-Engineering Techniques in Gully Restoration on Hill Slopes." Seminar on Failures Related to Geotech. Works, Petaling Jaya, Oct. 2000.

Tan, B. K. (2000). "Slope Failures vis-à-vis Material Types-Some Case Studies." Proc. I.E.M. Seminar on Failures Related to Geotech. Works, Petaling Jaya, Paper no. 15.

### 2001

Soo, K. S. and Yee, T. S. (2001). "Rehabilitation Design of Distressed Cut Slope in Weathered Rocks with Relict Structures." Proc. 14th S.E.A. Geotech. Conf., Hong Kong, Vol. 2, p. 1155-1158.

Taha, M. R., Mofiz, S. A. and Hossain, M. K. (2001). "Field Stress Path Simulation of Rainfall Induced Slope failure in Granite Residual Soil." Journal of I.E.M., Vol. 63, No. 3, p. 19-25.

Tan, Y. C. and Gue, S. S., "The Determination of Shear Strength in Residual Soils for Slope Analysis." Seminar Cerun Kebangsaan 2001, Cameron Highland 14th-15th May 2001.

### 2002

Gue, S. S. and Tan, Y. C. (2002). "Mitigating the Risk of Landslide on Hill-Site Development in Malaysia." 2nd World Eng. Congress, I.E.M., Kuching, 22nd-25th July 2002.

Tan, B. K. (2002). "Geological Factors in Cut-Slope Construction." Proc. 5th Malaysian Road Conf., Petaling Jaya, Paper No. 18, p. 14.

Tan, K. S., Taha, M. R., Nayan, K. A. M. and Kasa, A. (2002). "Perbandingan faktor Keselamatan menggunakan perisian PLAXIS dan SLOPE/W." Pros. Kejuruteraan Awam, U.K.M.

### 2003

Gue, S. S. and Fong, C. C. (2003). "Slope Safety: Factors And Common Misconceptions." Article for BEM Bulletin – Jurutera.

Gue, S. S. and Tan, Y. C. (2003). "The Engineering Aspects of Hill-Site Development." Property Seminar 2003 on Hillside Development-Issues and Challenges, Kuala Lumpur, 19th and 20th Aug. 2003.

Liew, S. S., Gue, S. S. and Liong, C. H. (2003). "Geotechnical Investigation and Monitoring Results of a Landslide Failure at Southern Peninsula Malaysia." Int. Conf. on Slope Eng., Hong Kong, 8-10 Dec 2003.

### 2004

Han, K. K. (2004). "Rectification of Slopes in Graphitic Schist with Geocells." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 423-428.

Hussein, A. N., Alimat, U. and Jaafar, K. B. (2004). "Case Histories of Slope Failures in Two Road Projects in Mountainous Terrain." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 407-414.

Liew, S. S., Gue, S. S., Liong, C. H. and Yew, C. K. (2004). "Geotechnical Solutions for Unstable Rock Mass at Sg. Buloh Area." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 457-464.

Ooi, T. A. and Tee, C. H. (2004). "Reconstruction of Failed Slopes Using Geosynthetic Reinforcement in Malaysia." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 435-448.

Tan, B. K. (2004). "Assessment of Rock Slope Stability-Three Case Studies." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 449-456.

Tan, S. M., Choo, Y. L. and Yeow, P. K. (2004). "Geotechnical Design of a Hilly Road." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 415-422.

Thirunavukkarasu and Ramli, M. (2004). "Performance of Hexagonal Interlocking Gabions for Slope Stabilisation." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 429-434.

## 2.5 Embankments

1975

Ting, W. H. (1975). "Stability and Settlement Problems in Earthworks." Bulletin of I.E.M., Oct. 1975.

1982

Ting, W. H. (1982). "Road Pavement Design." Chapter 11 of Short Course on Soil Mech. and Found. Eng., Kuala Lumpur, March-April 1982.

1983

Ting, W. H., Toh, C. T. and Chan, S. F. (1983). "Pile Supported Fill." Proc. Int. Symp. on Recent Develop. in Lab. and Field Tests and Analysis of Geotech. Problems, Bangkok, p. 95-100.

1984

Ting, W. H., Toh, C. T. and Chan, S. F. (1984). "Pile Supported Earth Structures." Conf. on Found. Eng. and Construction Practice, Singapore, Jan. 1984.

1985

Chin, F. K. (1985). "The Design and Construction of High Embankments on Soft Clays." Keynote Lecture, Proc. 8th S.E.A. Geotech. Conf., March 1985, Kuala Lumpur, Vol. 2, p. 1-18.

1987

Chin, F. K. (1987). "Settlement Prediction and Behaviour of an Embankment on Soft Soils." Proc. International. Symp. on Geotech. Eng. of Soft Soils, Mexico, Aug. 1987.

Ooi, T. A., Chan, S. F. and Wong, S. N. (1987). "Design, Construction and Performance of Pile Supported Embankments." Proc. 9th S.E.A. Geotech. Conf., Bangkok, Vol. 1.1, p. 2-1 to 2-12.

1988

Tan, Y. K. (1988). "AbU.T.M.ent Failures Associated With Approach Embankments on Soft Clay." Sarawak Geotech. Symp., Kuching, March 1988.

1989

Ling, H. I., Tatsuoka, F., Sato, T., Tamura, Y. and Iwasaki, K. (1989). "Long-Term Behavior of the Geotextile-Reinforced Clay Test Embankment." Proc. 24th Nat. Conv. of J.S.S.M.F.E., Tokyo, p. 33-36. (in Japanese)

1990

Yee, T. S. (1990). "Shear Strength in Soft Clay Foundations under Embankment Load." Proc. Seminar on Geotech. Aspects of the North-South Expressway, Petaling Jaya, p. 127-133.

1993

Tan, Y. K. and Chan, S. F. (1993). "Road Construction on Peat-A Preliminary Study." Forum on Urban Geology and Geotech. Eng. in Construction, I.E.M., Kuala Lumpur, p. 1-25.

1999

Ting, W. H. (1999). "A Survey of Embankment Construction Practice and Future Developments." Year 2000 Geotechnics, A.I.T., Bangkok.

2000

Tan, S. M. and ACS Reddy (2000). "Use of Expanded Polystyrene (EPS) Blocks for the Repair of Differential Settlement Problem at a Bus Terminal." Seminar on Failures Related to Geotech. Works, Malaysia.

Tan, Y. C. and Gue, S. S. (2000). "Design and Construction Control of Embankment Over Soft Cohesive Soils." Seminar on Ground Improvement-Soft Clay (SOGISC), U.T.M., Kuala Lumpur, 23 and 24 Aug. 2000.

Tan, Y. C. and Gue, S. S. (2000). "Embankment Over Soft Clay-Design and Construction Control." Seminar on Geotechnical Engineering 2000, I.E.M. (Northern Branch), Penang.

Yee Y. W., Pan J. K. L. and Aziz, A. R. (2000). "Performance of Stage Constructed Highway Embankment Over Very Soft Slime." 4th Malaysian Road Conf., Kuala Lumpur, Nov. 2000.

Yee, Y. W., Pan, J., and Abd. Rahman, A. (2000). "Performance of Staged Constructed High Embankment Over Very Soft Slime." 4th Malaysian Road Conf., Kuala Lumpur, 2000.

### 2001

- Gue, S. S. (2001). "Compaction of Fill and Its Consequences of Non-Compliance." Keynote Lecture, Conf. on Construction Technology (CONTEC 2001), Kota Kinabalu, 11th-13th Oct. 2001. 2001.
- Gue, S. S. and Liew, S. S. (2001). "Fill Compaction and Its Consequences of Non-Compliance." Conf. on Construction Technology (CONTEC2001). Univ. Sabah Malaysia, Kota Kinabalu, Sabah, 11th-13th Oct. 2001.
- Gue, S. S. and Tan, Y. C. (2001). "Geotechnical Solutions for High Speed Track Embankment-A Brief Overview." Technical Seminar Talk, PWI Annual Convention, Permanent Way Inst., Beserah, Kuantan, Pahang, 28th-29th Sept. 2001.
- Yee, T. S. and Soo, K. S. (2001). "A High Speed Expressway Embankment Built over Very Soft Alluvial Clay in Malaysia." Proc. 3rd Int. Conf. on Soft Soil Eng., Hong Kong, p. 447-452.

### 2002

- Kawabata, T., Mohri, Y. and Ling, H. I. (2002). "The Field Test for Buried Flexible Pipe under High Fills." Tsuchi-to-Kiso, Journal of Japanese Geotech. Eng., Vol. 50, No. 11, p. 10-12. (in Japanese with English Abstract)
- Yee, K., Jullienne, D., Masse, F. and Varaksin, S. (2002). "Performance of Road Embankment on Vacuum Consolidated Soft Clay in Bangkok." Proc. 4th Int. Conf. on Ground Improvement Techniques, Kuala Lumpur, 26-28 March 2002.

### 2003

- Gan, C. H. and Tan, S. M. (2003). "Some Construction Experiences on Soft Soil Using Light Weight Materials." 2nd Int. Conf. on Advances in Soft Soil Eng. and Tech., Putrajaya, p. 609-616.
- Ling, H. I., Kaliakin, V. N. and Yue, D. (2003). "Application of Advanced Constitutive Model for Geosynthetic-Reinforced Containment Dike Constructed Over Soft Foundation." Proc. 2nd Int. Conf. on Advances in Soft Soil Eng. and Tech., Putra Jaya, 2-4 July 2003.

### 2004

- Aug.in, P. C., Al-Obaidy, F. J. H., Lim, L. K. and Loke, K. H. (2004). "Geosynthetic Reinforced Soil Structures for Electrified Double Track Project, Malaysia." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 497-502.
- Ooi, T. A. (2004). "Earthworks Practice in Malaysia." Special Lecture, Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 45-58.
- Sin, P. T. (2004). "Economical Solution for Roadway Embankment Construction Over Soft Compressible Soils." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 503-508.
- Ting, W. H., Yee, K., Tai, L. Y. and Ong, D. E. L. (2004). "Support of Raised Embankment of a Small Dam by Cement Columns." Proc. Malaysian Geotech. Conf., Kuala Lumpur, March 2004, p. 467-474.
- Yee, T. S. (2004). "Shear Strength and Structural Stability of Constructions in Soft Ground." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 475-496.

## **2.6 Tunnelling**

### 1995

- Ting, W. H., Ooi, T. A. and Tan, B. K. (1995). "Tunnelling Activities in Malaysia." Proc. S.E.A. Symp. on Tunnelling and Underground Space Develop., Bangkok, Thailand, 18-19 Jan. 1995.

### 2000

- Gue, S. S. and Singh, M. (2000). "Design and Construction of A LRT Tunnel in Kuala Lumpur." (International Tunnelling Assoc. with I.E.M.).

### 2001

- Pan J. K. L., Pappin J. W., Cowan S. and Lam L. W. Y. "An Application of the Observational Method at TKO Station and Tunnels." 20th Annual Seminar, Geotech. Div., H.K.I.E., Hong Kong, May 2001

### 2002

- Tan, B. K. (2002). "Geological Input in Tunnelling." Proc. I.E.M. Seminar on Construction of Tunnels and Underground Space, Petaling Jaya, Paper 1, p. 31.



### 2003

Liew, S. S., Tan, Y. C., Ng, H. B. and Lee, P. T. (2003). "New Approach of using Jacked Anchors as Reinforcements in Soil Stabilisation Works for a Cut-And-Cover Tunnel with 17m Deep Excavation." Int. Conf. on Foundation, Dundee, Scotland, 2-5 Sep 2003

### 2004

Ng, T. G. and Tan, G. H. (2004). "Real Time Monitoring Systems for Tunnel & Deep Excavation Projects." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 519-526.

Ooi, T. A., Cowling, K. and Noordin, K. (2004). "Construction of the Second Kuala Lumpur-Karak Highway Tunnel at Genting Sempah." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 511-518.

Yong, K. Y. and Pang, C. H. (2004). "Geotechnical Challenges of the Mass Rapid Transit (MRT) System in Singapore." Special Lecture, Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 119-130.

## **2.7 Ground Improvement**

### 1982

Ting, W. H. (1982). "Some Examples of Ground Improvement in Malaysia." Proc. A.I.T. Symp. on Recent Development in Ground Improvement Techniques, Balkema, 1985.

Ting, W. H., Hasan and Daulah. (1982). "Soil Improvement for Foundation of a Housing Project by Dynamic Consolidation Method." Internal Report, Unpublished.

### 1989

Sehested, K. G. and Yee, T. S. (1989). "Soil Improvement using Vertical Band Drains and Vacuum Preloading at Section 6/7." Proc. Int. Symp. on Trial Embankments on Malaysian Marine Clays, Kuala Lumpur, Vol. 2, p. 25-1 to 25-13.

Ting, W. H., Chan, S. F. and Kassim, K. (1989). "Embankments with Geogrid and Vertical Drains." Proc. Int. Symp. on Trial Embankments on Malaysian Marine Clays, Kuala Lumpur, Vol. 2, p. 21/1-21/13.

### 1990

Ting, W. H. and Wong, T. F. (1990). "Building On Reclaimed Mining Land." Proc. 10th S.E.A. Geotech. Conf., Taipei, Taiwan, April 1990.

Yee, T. S. (1990). "Some Soil Mechanics Aspects on the Behaviour of Soil Improvement Using Vertical Band Drains and Vacuum Preloading at Section 6/7." Proc. Int. Symp. on Trial Embankments on Malaysian Marine Clays, Kuala Lumpur, Vol. 2, p. 37-1 to 37-7.

### 1991

Ting, W. H. and Chan, S. F. (1991). "Improvement of Fill by Compaction for Building Purposes." 9th Asian Regional Conf. on Soil Mech. and Found. Eng., Bangkok, Thailand, 9-13 Dec. 1991, Vol. 1.

Ting, W. H., Oo, G. H., Ng, S. J. and Lau, L. Y. (1991). "Geotechnical Aspects Of Reclaiming Mining Ponds Along An Expressway."

### 1992

Ting, W. H. (1992). "Geotechnical Factors in Reclamation of Tin Mining Land." Regional Seminar on Land Reclamation for Urban Development, Inst. for Advanced Studies, U.M., 10 and 11 Aug. 1992.

Ting, W. H., Nithiaraj, R and Ng, S. J. (1992). "The Performance of Treated Mining Pond Slime." Symp. on Prediction Versus Performance in Geotechnical Engineering, A.I.T./S.E.A. Geotech. Soc., Bangkok, Thailand, 30 Nov. to 4 Dec. 1992.

### 1993

Ting, W. H. (1993). "Rehabilitation of Ex-Mining Land for Building and Road Construction." Prof. Chin Memorial Lecture, Journal of I.E.M., 1993.

### 1994

Toh, C. T., Chee S. K., Lee, C. H. and Wee S. H. (1994). "Geotextile-Bamboo Fascine Mattress for Filling over Very Soft Soils in Malaysia." Geotextiles and Geomembranes 13, Elsevier Science, Ireland, p. 357-369.

Yee, T. S. (1994). "Vertical Drains in Soft Ground Engineering." Proc. 1st Malaysian Road Conf. Workshop on Embankments on Soft Soils-Muar Trial Embankment Update 1994, Kuala Lumpur, p. 109-120.

1995

Ting, W. H., Varaksin, S., Tan, K. P. and Spaulding, C. (1995). "Vacuum Consolidation and Dynamic Replacement Columns for Embankment Foundation on Mining Slimes." 10th Asian Regional Conf. on Soil Mech. and Found. Eng., Beijing, China, 29 Aug.-2 Sept. 1995.

1997

Ali, F., Yee, K. and Varaksin, S. (1997). "Treatment of Highly Compressible Soils." Proc. Int. Conf. on Recent Advances in Soft Soil Eng., Kuching, March 1997.

Ooi, T. A. and Yee, K. (1997). "Some Recent Development of Ground Improvement Technology in Southeast Asia." Proc. 30th Year Anniv. Symp. of the S.E.A. Geotech. Soc. on Deep Found., Excavations, Ground Improvements and Tunneling, Bangkok, Nov. 1997.

Ting, W. H. (1997). "Geotechnical Considerations in Malaysia for Land Reclamation Projects." Seminar on Land Reclamation for Coastal and Riverine Development, Kuantan, 12-13 Sept. 1997.

Yee, K. (1997). "Dynamic Consolidation of Foundation Soil-An Update on the Theoretical and Practical Aspects." Proc. Short Course on Ground Improvement Methods at IKRAM, Selangor, Oct. 1997.

Yee, K. (1997). "Menard Vacuum Consolidation of Soft Clays-Theoretical and Practical Aspects." Proc. Short Course on Ground Improvement Methods at IKRAM, Selangor, Oct. 1997.

Yee, K., Richard, J. J., Varaksin, S. and Goh, T. P. (1997). "Behavior of Tank Foundation on Improved Ground at Jurong, Singapore." Proc. 30th Year Anniv. Symp. of the S.E.A. Geotech. Soc. on Deep Found., Excavations, Ground Improvements and Tunneling, Bangkok, Nov. 1997.

1998

Ting, W. H. (1998). "The Application of Ground Treatment in Malaysia." I.E.M. Short Course on Geotech. Eng., Kuala Lumpur, 17-18 June 1998.

Yee, K., Setiawan, R. and Baxter, R. (1998). "Dynamic Consolidation for Improvement of Coralline Soils for Anti-liquefaction Treatment." Proc. 13th S.E.A. Geotech. Conf., Taipei, Nov. 1998.

1999

Yee, K. (1999). "Upgrading of Existing Landfills by Dynamic Consolidation-A Geotechnical Aspect." Master Builders Journal, Malaysia, 4th Quarter, 1999.

2000

Soo, K. S. and Hiew, L. C. (2000). "A Case History of Soft Ground Problem at an Expressway Toll Plaza." Seminar on Failures Related to Geotech. Works, I.E.M.

Tan, Y. C. and Liew, S. S. (2000). "Observational Method to Prevent Failure of Embankment Treated with Vacuum Preloading." Seminar on Failures Related to Geotech. Works, I.E.M., Kuala Lumpur, 23 and 24 Oct. 2000.

Yee, K. (2000). "Consolidation of Soft Clay by Vertical Drainage Method." Proc. Int. Conf. on Soft Clay Engineering, I.E.M. and U.T.M., Kuala Lumpur, May 2000.

2001

Gue, S. S., Tan, Y. C. and Liew, S. S. (2001). "Failure of an Embankment Treated with Vacuum Preloading Method." XV ICSMGE (SEAGC), Istanbul, Turkey, 27th-31st Aug. 2001.

Yee, K. and Tan, T. W. (2001). "Vacuum Consolidation for Soft Clays." Conspectus Journal, Housing Development Board, Singapore Annual Forum, July 2001.

2002

Arulrajah, A. and Abdullah, A. (2002). "Vibro Replacement Design of High-Speed Railway Embankments." 2nd World Eng. Congress, Kuching, p. 157-164.

Gue, S. S., Tan, Y. C. and Liew, S. S. (2002). "Cost Effective Geotechnical Solutions for Roads and Factories Over Soft Ground." CAFEO2002, Cambodia, 2-5 Sept. 2002.

Liew, S. S. (2002). "Application of Value Engineering on Geotechnical Design for a Factory Structure Over Soft Ground." I.E.M.-G.S.M. Forum: Geology and Geotech. Eng. Consideration to Coastal Development, 23th Oct. 2002.

Masse, F., Yee, K., Jullienne, D. and Varaksin, S. (2002). "Successful Application of Vacuum Consolidation Method on Bangkok Clay to Road Embankment." Proc. I.E.S. Conf. on Case Studies in Geotechnical Engineering, Nanyang Technological Univ., 4-5 July 2002, Singapore.

- Masse, F., Yee, K., Jullienne, D. and Varaksin, S. (2002). "Successful Application of Vacuum Consolidation Method to Nakdong River Soft Clay in Kimhae, South Korea." Proc. 4th Int. Conf. on Ground Improvement Techniques, 26-28 March 2002, Kuala Lumpur.
- Saw, H. S., Taha, M. R., dan Nayan, K. A. M. (2002). "Penstabilan Tanah Mengembang Secara Kimia." Pros. Kejuruteraan Awam, U.K.M.
- Yee, K. (2002). "A Case Study on the use of Vacuum Consolidation for Improving Soft Clay for Coastal Development." Proc. I.E.M.-G.S.M. Forum on Eng. Geology and Geotechnics in Coastal Develop., Kuala Lumpur, 23rd Oct. 2002.
- Yee, K. (2002). "Ground Improvement for Soft Clay-A Case study on the Performance of a Road Embankment on Vacuum Consolidated Soft Clay." One Day Course on Geotechnical Engineering, Tripartite Meeting and Technical Courses, Johor Bahru, 27-29 June 2002.

### 2003

- Chen, C. S. (2003). "Treatment of Landfill Using Dynamic Compaction Technique." 12th Asian Regional Conf. on Soil Mech. and Geotech. Eng., Singapore, Vol. 1, p. 457-460.
- Gue, S. S. and Tan, Y. C. (2003). "Failures of Geotechnical Works in Soft Ground." 2nd Int. Conf. and Technology, Kuala Lumpur, 2nd-4th July 2003.
- Ooi, T. A. and Yee, K. (2003). "Opportunities and Constraints for Ground Improvement Techniques in High Speed Railway Embankment Construction-A Malaysian Perspective." Proc. Railtech 2003, Railway Technology in the New Millennium-The Malaysian Transition, Kuala Lumpur, 27-29 May 2003.

### 2004

- Chen, C. S., Tan, S. M. and Yee, K. (2004). "Experience of Using Dynamic Compaction in Landfill Areas." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 571-576.
- Gue, S. S. and Tan, Y. C. (2004). "Prevention of Failures Related to Geotech. Works on Soft Ground." Special Lecture, Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 59-74.
- Hamir, R., Ahmad, F. and Mohd., S. (2004). "Some Aspects on the Incorporation of Electro-osmotic Consolidation in Vertical Drain Application." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 577-582.
- Ooi, T. A. and Yee, K. (2004). "Opportunities and Constraints for Ground Improvement Techniques in Embankment Construction in Malaysia." Proc. 15th S.E.A. Geotech. Conf., Nov. 2004, Bangkok (submitted).
- Raju, V. R., Yee, Y. W., Tam, E. and Sreenivas, P. (2004). "Vibro Replacement for the Construction of a 15m High Highway Embankment Over a Mining Pond." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 539-550.
- Samuel, T., Sanjeevi, P. & Balakrishnan, E.G. (2004). "Embankment Piling Utilizing High Strength Soil Cement Columns." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 551-560.
- Yee, K. and Lam, P. (2004). "Opportunities and Constraints for Ground Improvement Techniques in Southeast Asia." Proc. One-Day Seminar on Ground Treatment, H.K.I.E., Hong Kong, April 2004 (submitted).
- Yee, K. and Ting, W. H. (2004). "Ground Improvement to Accelerate Construction of a High Embankment." Proc. Malaysian Geotech. Conf., Kuala Lumpur, March 2004, p. 529-538.
- Yee, K., Ooi, T. A. and Ting, W. H. (2004). "Vacuum Consolidation Technology for Soft Soils Treatment-Principles and Field Experiences." Proc. Malaysian Geotech. Conf., Kuala Lumpur, March 2004, p. 561-570.

## **2.8 Environmental Geotechnics**

### 1982

- Tan, B. K. (1982). "Conflict in Land Utilization in Malaysia." Proc. 1st Int. Symp. on Soil, Geology and Landform: Impact on Landuse Planning in Developing Countries (LANDPLAN I), Bangkok, p. E7.1-E7.7.

### 1989

- Ling, H. I., Nishimura, J. and Tatsuoka, F. (1989). "An Apparatus for Measuring Hydraulic Conductivity of Nonwoven Geotextile." Proc. 44th Annual Conf. of J.S.C.E., Nagoya, p. 1034-1035. (in Japanese)

Ling, H. I., Tatsuoka, F., Wu, J. T. H. and Nishimura, J. (1989). "In-Plane Hydraulic Conductivity of Geotextiles." Proc. 4th Geotextile Symp., Tokyo, p. 56-62.

Nishimura, J., Ling, H. I., Tatsuoka, F. and Wu, J. T. H. (1989). "The Permeability in the Normal Direction of Geotextile under Confined Conditions." Proc. 4th Geotextile Symp., Tokyo, p. 63-67. (in Japanese, with English abstract)

#### 1990

Ling, H. I., Tatsuoka, F. and Wu, J. T. H. (1990). "Measuring In-Plane Hydraulic Conductivity of Geotextiles." Geosynthetic Testing for Waste Containment Application, R.M. Koerner, Editor, Special Technical Publication 1081, ASTM (ASTM). Philadelphia, p. 257-272.

#### 1991

Mohamd, H., Komoo, I., Desa, K. M., Tan, B. K. and Rafek, A. G. (1991). "The Niggli Number Al-alk as an Indicator of Increasing Clay Mineral Content and Weathering Intensity." Newsletter, Geological Soc. of Malaysia, Vol. 17, No. 3, 110-114.

#### 1992

Ling, H. I., Tatsuoka, F. and Wu, J. T. H. (1992). "Discussion on Paper by Huang, A-B., Holtz, R.D. and Wilcox, A.M., Effects of Back Pressure on Geotextile Transmissivity Tests." Geotech. Testing Journal, ASTM, Vol. 15, No. 3, p. 305-307.

Mohamed, A. M. O., Yong, R. N. and Tan, B. K. (1992). "Mitigation of Acidic Mine Drainage: Engineered Soil Barriers for Reactive Tailings." Proc. Environ. Eng. Sessions Water Forum, A.S.C.E., Baltimore, p. 457-462.

Mohamed, A. M. O., Yong, R. N., Tan, B. K., Farkas, A. and Curtis, L. W. (1992). "Assessment of Chemical Buffering Capability of Ontario Mixed Layer Mica-Vermiculite." Proc. 45th Canadian Geotech. Conf., Toronto, 8 p.

Mustafa, A. and Taha, M. R. (1992). "Ground improvement of rubbish dump over reclaimed tin mine." Proc. Conf. on Grouting, Soil Improvement and Geosynthetics, A.S.C.E., New York, 1324-331.

Tan, B. K. (1992). "Geological/Hydrogeological Investigations of Waste Disposal Sites." Lecture Notes, Short Course on Geo-environ. Eng., I.E.M., Petaling Jaya, p. 28.

Tan, B. K. (1992). "Kajian Kesesuaian Tanah Bermika Sebagai Lapisan Penghalang atau Penjerap di Tapak Pembuangan Sisa." Kertaskerja Kolokium Ke-6, FSFG, Pulau Besar, Melaka, p. 39.

#### 1993

Acar, Y. B., Taha, M. R. and Constant, W. D. (1993). "Remedial Measures and evaluation of alternatives at a site contaminated with non-aqueous phase liquids." Int. Conf. on The Environment and Geotechnics: From Decontamination to Protection of the Sub-Soil, Paris, France, ENPC, p. 319-326.

Ling, H. I., Tatsuoka, F. and Wu, J. T. H. (1993). "Hydraulic Conductivity of Geotextiles under Typical Operational Conditions." Journal of Geotextiles and Geomembranes, Vol. 12, No. 6, p. 509-542.

Tan, B. K. (1993). "Assessing the Adsorption Capability of a Clay Soil." Newsletter, Geological Soc. of Malaysia, Vol. 19, No. 1, p. 1-7.

#### 1994

Mohamed, A. M. O., Yong, R. N., Tan, B. K., Farkas, A. and Curtis, L. W. (1994). "Geo-environmental Assessment of a Micaceous Soil for its Potential Use as an Engineered Clay Barrier." Geotech. Testing Journal, GTJODJ, Vol.17, No.3, Sept. 1994, p. 291-304.

Taha, M. R., Acar, Y. B., Gale, R. J. and Zappi, M. E. (1994). "Fundamental aspects of surfactant enhanced electrokinetic remediation." Extended Abstract, I and EC Specialty Conf., American Chemical Soc., Atlanta, Sept. 1994, p. 1196-1198.

Taha, M. R., Acar, Y. B., Gale, R. J. and Zappi, M. E. (1994). "Surfactant Enhanced Electrokinetic remediation of NAPLs in Soils." Proc. 1st Int. Congress on Environ. Geotechnics, Edmonton, Canada, A.A. Balkema, p. 373-377.

Tan, B. K. (1994). "Physico-Chemical Properties of Basalt Soils from Kuantan, Pahang." Warta Geologi, Persatuan Geologi Malaysia, Jil.20, No.5, Sept.-Okt. '94, p. 347-352.

Tan, B. K., Yong, R. N. and Mohamed, A. M. O. (1994). "Heavy Metal Retention by a Clay Soil- Experimental Studies." Proc. 7th I.A.E.G. Congress, Lisbon, Vol. IV, p. 2809-2820.

Ting, W. H. and Tan, B. K. (1994). "Geotechnical Aspects of Coastal and Estuarine Development in Malaysia." Conf. on Deep Found. and Ground Improvement Schemes, Bangkok, 21-24 Nov. 1994, Vol.2, p. 487-510.

Ting, W. H. and Tan, B. K. (1994). "Geotechnical Aspects of Coastal and Estuarine Developments in Malaysia." Proc. Seminar on Eng. For Coastal Develop., I.E.M.-Kozai Club (Japan), Kuala Lumpur, p. 525-548.

#### 1995

Acar, Y. B., Taha, M. R. and Constant, W. D. (1995). "The PPI Superfund Site: remedial measures and alternatives." Proc. Specialty Conf. on Geo-environ. 2000, A.S.C.E., New York, p. 1684-1699.

Ling, H. I. (1995). "Discussion on the Paper by Meegoda, J.N. and Rajapakse, Short-Term and Long-Term Permeabilities of Contaminated Clays." Journal of Environ. Eng., A.S.C.E., Vol. 121, No. 4, 363-364.

Ling, H. I., Leshchinsky, D., Gilbert, P.A. and Palermo, M. R. (1995). "Geotechnical Considerations Related to In-Situ Capping of Contaminated Submarine Sediments." 16th Annual Meeting and Technical Conf. of Western Dredging Assoc., Minneapolis, MN, p. 187-201.

Ling, H. I., Tatsuoka, F. and Tateyama, M. (1995). "Simulating The Performance of GRS-RW by Finite Element Procedure." Journal of Geotech. Eng., A.S.C.E., Vol. 121, No. 4, p. 330-340.

Tan, B. K. (1995). "Pencemaran Air Sungai: Pengajaran Daripada Satu Kes Kajian di Sabah." Proc. Seminar Geologi Abad Ke-21: Cabaran and Peluang, U.K.M., Bangi, p. 145-149.

Tan, B. K. (1995). "Physico-Chemical Properties of Granitic versus Basaltic Soils of Kuantan, Pahang." Proc. Forum on Soil and Rock Properties, G.S.M., Kuala Lumpur, p. 4.1-4.13.

Tan, B. K., Yong, R. N. and Mohamed, A. M. O. (1995). "Heavy Metal Retention by a Clay Soil- Experimental Studies." Proc. 10th Asian Reg. Conf. On Soil Mech. and Found. Eng., Beijing.

#### 1996

Ling, H. I. and Leshchinsky, D. (1996). "Seismic Stability of Landfill Cover System." 3rd Int. Symp. on Environ. Geotechnology, San Diego, CA., Vol.1, p. 569-578.

Radiman, S. and Taha, M. R. (1996). "Soil remediation using surfactant washing and flushing technologies." Seminar Geologi dan Sekitaran: Impak dan Pengauditan, U.K.M., Dec. p. 158-172.

Taha, M. R. (1996). "Some aspects of electrokinetic remediation of TNT from soil." SOMCE'96, 12th Symp. of Malaysian Chemical Engineers, U.K.M., July 1996, p. 229-234.

Taha, M. R., Acar, Y. B., Soewarto, I. H., Gale, R. J. and Zappi, M. E. (1996). "Solubilization of TNT in surfactant solutions." Proc. 2nd. Int. Congress on Environ. Geotechnics, Osaka, A.A. Balkema, p. 1113-1118.

#### 1997

Ling, H. I. and Leshchinsky, D. (1997). "Seismic Stability and Permanent Displacement of Landfill Cover Systems." Journal of Geotech. and Geoenviron. Eng., A.S.C.E., Vol. 123, No. 2, p. 113-122.

Taha, M. R. (1997). "Electrokinetic Remediation of Soil." Larren 97, Proc. Int. Conf. on Land Reclamation and Rehabilitation, U.S.M., Penang, Aug.1997, p. 236-244.

Taha, M. R. (1997). "Electrokinetics tests on TNT contaminated soil specimens." Geoenvironmental Engineering; Contaminated Ground: Fate of Pollutants and Remediation, Proc. British Geotech. Soc., Cardiff, Thomas Telford, London, Nov. p. 496-501.

Taha, M. R. (1997). "Geoenvironmental issues and problems related to tropical residual soils." Proc. Al-Azhar Eng. 5th Int. Conf., Dec. 1997.

Taha, M. R. (1997). "Soil remediation techniques." Selected Paper-Representing Malaysia, 3rd Asian Young Geotech. Eng. Conf., N.U.S., Singapore, May 1997, p. 239-248.

Taha, M. R. (1997). "Some aspects of electrokinetic remediation of soil." Geoenvironment 97, Proc. 1st Australia-New Zealand Conf. on Environmental Geotechnics, Balkema, Nov. 1997, p. 511-516.

Taha, M. R. (1997). "Surfactants in civil engineering application." Seminar Notes for U.K.M. Applied Surfactant Research Group, Nuclear Science Dept. U.K.M.

Taha, M. R., Acar, Y. B. and Gale, R. J. (1997). "Electrokinetic enhancement tests on TNT contaminated soil." Int. Symp. on Eng. Geology and the Environment, Athens, A.A. Balkema, June 1997, p. 2209-2214.

Taha, M. R., Acar, Y. B., Soewarto, I. H., Gale, R. J. and Zappi, M. E. (1997). "Surfactant Enhanced Desorption of TNT from Soil." Journal of Water, Air and Soil, Kluwer, Vol. 100, p. 33-48.

Tan, B. K. (1997). "More on the Leaching Column Test." *Warta Geologi, Persatuan Geologi Malaysia*, Sept-Okt '97, Jil.23, No.5, p. 293-296.

#### 1998

Ling, H. I., Leshchinsky, D., Mohri, Y. and Kawabata, T. (1998). "Estimation of Municipal Solid Waste Landfill Settlement." *Journal of Geotech. and Geoenviron. Eng., A.S.C.E.*, Vol. 124, No. 1, p. 21-28.

Taha, M. R. and D. Depankar (1998). "Sorption of cyanides on soil, *Environ. Geotechnics.*" *Seco e Pinto (Ed.)*, Balkema, p. 423-427.

Taha, M. R. and Ping, L.S. (1998). "Modelling contaminant transport in soils." *Int. Conf. Computer Application in Environ. Eng., I.E.M.*, p.12

Taha, M. R., Acar, Y. B., Gale, R.J and Zappi, M. E. (1998). "Behavior and Removal of TNT in Electrokinetic Soil Processing." *Jurnal Kejuruteraan, U.K.M.*, Vol. 10, Jilid 1, p. 33-49.

Tan, B. K. (1998). "Leachate Migration through Clay Liners-Leaching Column Test." *Proc. World Water Day '98 Seminar, U.P.M.*, 1998, p. 12.

Tan, B. K. and Yong, R. N. (1998). "The Leaching Column Test for Assessing the Attenuation Capability of Clay Soils." *Proc. 13th S.E.A. Geotech. Conf., Taipei*, p. 721-725.

Yong, R. N., Bentley, S. P., Thomas, H. R., Tan, B. K. and Zuhairi, W. (1998). "The Attenuation Characteristics of Natural Clay Materials in South Wales and their Potential Use as Engineered Clay Barriers." *Proc. 8th I.A.E.G. Congress, Vancouver*, Vol. IV, p. 2499-2504.

#### 1999

Ling, H. I., Leshchinsky, D., Mohri, Y. and Kawabata, T. (1999). "Closure to Discussion by Lee and Park and Babu on Estimation of Municipal Solid Waste Landfill Settlement." *Journal of Geotech. and Geoenviron. Eng., A.S.C.E.*, Vol. 125, No. 8, p. 725-726.

Taha, M. R. (1999). "Clean-up Technologies for Contaminated Land." *Int. Conf. on Innovative Pollution Management, 14-16 July 1999, ENSEARCH*, p. 11.

Taha, M. R. (1999). "Contaminant Transport in Soils." *Short Course on Geotechnics of Sanitary Landfill, I.E.M., Petaling Jaya*, Oct. 1999.

Taha, M. R. and Debnath, D.K. (1999). "Cyanide-Soil Interaction in Batch Adsorption Tests." *2nd B.G.S. Int. Geoenviron. Eng. Conf., Thomas Telford, London*, Sept. 1999.

Taha, M. R. and Debnath, D.K. (1999). "Erapan Sianida pada Permukaan Kaolinit dan Tanah Baki." *Jurnal Kejuruteraan, U.K.M.*, Vol. 11, Jilid 1, p. 15-25.

Taha, M. R. and Debnath, D.K. (1999). "Interaction of Cyanide with Residual Soil and Kaolinite in Batch Adsorption Tests." *Journal of I.E.M.*, Sept. 1999, p. 49-57.

Tan, B. K. and Yong, R. N. (1999). "Assessing the Adsorption Capabilities of Clay Soils via the Batch Equilibrium Test." *Proc. 11th Asian Regional Conf. on Soil Mech. and Geotech. Eng., Seoul, Korea*, p. 461-464.

#### 2000

Hossain, M. A. and Taha, M. R. (2000). "Simulating Advective-Dispersive Transport by Finite Elements-Criteria for Accuracy of an Explicit Runge Kutta." *Journal of Applied Mathematics and Computation, Elsevier*, 112 (2000), p. 309-316.

Roslin, F. H. and Taha, M. R. (2000). "Erapan Kromium pada Permukaan Tanah Baki." *Pros. Kejuruteraan Awam, U.K.M.*

Taha, M. R. (2000). "Remediation Techniques for Contaminated Soil." *4th Kansai International Geotechnical Forum (KIGForum 2000). Japanese Geotech. Soc. and Int. Inst. for Advance Studies*, p. 13.

#### 2001

Ling, H. I., Cheng, A-H.D., and Themelis, N. J. (2001). "Liquefaction potential of contaminated submarine sediments due to wave action." *Abstract in Int. Conf. on Remediation of Contaminated Sediments, Venice, Italy.*

Ling, H. I., Pamuk, A., Dechasakulsom, M., Mohri, Y. and Burke, C. (2001). "Interaction of PVC Geomembranes with Cohesive Soils." *Journal of Geotech. and Geoenviron. Eng., A.S.C.E.*, Vol. 127, No. 11, p. 950-954.

Taha, M. R. (2001). "Some Aspects Related to Clean-up of Contaminated Land." *Brownfield 2001, Petaling Jaya, Malaysia, Feb. I.E.M.*, p. 14.

- Tan, B. K. (2001). "Laboratory Tests for Soils in Landfill Liners." Proc. Brownfield 2001: 1st National Conf. On Contaminated Land, I.E.M., Petaling Jaya, Tech. Paper No.6, p. 13.
- Yaacob, W.Z.W and Taha, M. R. (2001). "Sorptions of Lead, Copper and Zinc by Various Clay Soils." GEOTROPIKA 2001, U.T.M.-UNIMAS, Kuching, p. 45-56.
- Yaacob, W. Z. W., Tan, B. K. and Yong, R. N. (2001). "Leaching Column Tests on Three Estuarine Alluvial Soils from South Wales, United Kingdom." Proc. 14th S.E.A. Geotech. Conf., Hong Kong, Vol. 2, p. 991-994.

#### 2002

- Taha, M. R., Desa, H., Kabir, H. (2002). "The Use of Granite Residual Soil as Material for Compacted Clay Liner." World Eng. Congress (WEC 2002), Kuching, U.P.M.-I.E.M., July, p. 264-268.
- Taha, M. R., Mohamed, A. F., Idrus, S. and Abdul-Ghani, S. A. (2002). "Issues and Challenges in Managing Contaminated Land: Case Study of Langat Basin." Proc. Int. Conf. Environ. Management: Ten Years After Rio, Centre of Graduate Studies, U.K.M., Bangi, 2002, p. 465-474.
- Taha, M. R., Mohamed, A. F., Mokhtar, M. and Idrus, S. (2002). "Some Aspects of Groundwater Quality and Management in the Langat Basin, Malaysia, Int. Symp. on Groundwater Quality and Management, LESTARI-ATC Groundwater Tech. Committee Joint Symp., Bangi, p. 12.
- Tan, B. K. (2002). "Laboratory Tests for Soils in Landfill Liners." Proc. APLAS Seoul 2002, the 2nd Asian Pacific Landfill Symposium, Seoul, p. 281-287.
- Tan, B. K. (2002). "Laboratory Tests for Soils in Landfill Liners." Proc. Seminar 2002 on Geoenviron. Eng.: Assessment and Remediation of Contaminated Sites, Bangkok, p. 49-56.
- Wong, T. K. and Taha, M. R. (2002). "Penggunaan VISUAL HELP dalam merekabentuk kambusan." Pros. Kejuruteraan Awam, U.K.M.

#### 2003

- Taha, M. R. (2003). "Groundwater and Geoenvironmental Quality Issues in the Langat Basin, Malaysia." Keynote Lecture, IS-Okayama 2003, Int. Symp. on Groundwater Problems Related to Geo-environ., A.A. Balkema, p. 89-99.
- Taha, M. R. and Kabir, M. H. (2003). "Sedimentary Residual Soil as Hydraulic Barrier in Waste Containment Systems." Proc 2nd Int. Conf. on Advances in Soft Soil Eng. and Tech., U.P.M., p. 895-903.
- Taha, M. R., Leng, T. O., Mohamad, A. B. and Kadhum, A. H. (2003). "Batch Adsorption Tests of Phenols in Soils." Bull of Eng. Geology and the Environ., Springer-Verlag, Berlin, No. 63, p. 251-257.
- Tan, B. K., Yong, R. N. and Thomas, H. R. (2003). "Assessing the Suitability of Clay Soils for Landfill Liner via the Leaching Column Test." Proc. Sardinia Symposium, Cagliari, Sardinia, Italy, CD-ROM.
- Yaacob, W. Z. W. and Tan, B. K. (2003). "Migration of Heavy Metals through Compacted Soil Columns." Geological Soc. of Malaysia, Bulletin 46, May 2003, p. 47-50.
- Yaacob, W. Z. W., Samsudin, A. S., Tan, B. K., Abdul Ghani Rafek and Mohd Barzani Gassim (2003). "Evaluation of Soil Sorption Capacity on Heavy Metals." Proc. Conf. on Natural Resources, Environ. and Develop. (NARED), Kuching, 2003.
- Yaacob, W. Z. W., Tan, B. K. and Yong, R. N. (2003). "Assessment of Soils for Engineered Clay Liners in Waste Disposal Sites." Proc. Conf. on Natural Resources, Environ. and Develop. (NARED), Kuching, 2003.
- Yue, D.J., Ling, H. I., Kaliakin, V. N. and Themelis, N. (2003). "Formulation and calibration of an anisotropic bounding surface model for clay." in Constitutive Modeling of Geomaterials: Selected Contributions from Frank L. Di Maggio Symp. CRC Press, p. 137-144.

#### 2004

- Mulligan, C. N. and Yong, R. N. (2004). "Relationship between Water Uptake and Wetted Surface Area on Soil Properties." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 585-590.
- Musta, B., Kassim, K. A., Salim, M. R. and Ismail, Z. (2004). "Lime Stabilisation of Heavy Metals in Clayey Soil from Telipok, Sabah." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 605-612.
- Shaw, D. J., Tan, B. K. and Thomas, H. R. (2004). "Arsenic Mobility in Sediments and Mitigation Options." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 613-618.

- Teoh, S. H., Lim, L. K., Loke, K. H. and Chia, Y. K. (2004). "Environmental Pollution Control Using Geotextile Silt Curtain in the Construction of Bridge Structure." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 591-596.
- Tey, C. Y., Cleall, P. J. and Thomas, H. R. (2004). "Thermal Hydraulic Interaction Between Buffer and Rock in a Deep Geological Waste Disposal." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 619.
- Wan Zuhairi, W. Y., Tan, B. K. and Yong, R. N. (2004). "Soil Suitability for Liner Material in Sanitary Landfills." Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 597-604.
- Yong, R. N. (2004). "On Engineered Soil Landfill Barrier-Liner Systems." Special Lecture, Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 109-118.

## **2.9 Engineering Geology**

### 1980

- Batchelor, B. C. and Ting, W. H. (1980). "Engineering Geology of Coastal Alluvium Beneath the Bayan Lepas Airport Extension, Penang Island, Malaysia." 6th S.E.A. Conf. on Soil Eng., Taipei, 1980.

### 1981

- Tan, B. K. and Batchelor, B. (1981). "Foundation Problems in Limestone Areas-a Case Study in Kuala Lumpur, Malaysia." Proc. Int. Symp. on Weak Rocks, I.S.R.M., Tokyo, p. 1461-1463.

### 1982

- Chin, F. K. (1982). "Seismic Considerations in the Design of the Penang Bridge." Int. Conf. in Natural Rubber for Earthquake protection of Buildings and Vibration Isolation, Kuala Lumpur, Feb. 1982.
- Tan, B. K. (1982). "Engineering Geology." Short Course in Geotechnical Engineering, Chapter 3, UM/I.E.M., Kuala Lumpur, p. 40.
- Tan, B. K. and Wong, P.Y. (1982). "Site Investigations for the Bekok Dam, Johor, Malaysia." Proc. 4th Int. Congress on Engineering Geology, I.A.E.G., New Delhi, p. III.11-III.17.

### 1983

- Tan, B. K. (1983). "Engineering Geological Case Studies of Tunnelling and Deep Excavations in Malaysia." Proc. Int. Symp. on Eng. Geology and Underground Constructions, Lisbon, p. I.25-I.33.
- Tan, B. K. (1983). "Geotechnical Aspects of the Kenyir Dam Project, Trengganu, Peninsular Malaysia." Proc. 5th Int. Congress on Rock Mechanics, I.S.R.M., Melbourne, p. C133-C137.
- Tan, B. K. (1983). "Koluvium atau Granit Terurai; Aluvium Muda atau Aluvium Tua?-Kaedah Tanpa Geologi." Warta Geologi, Persatuan Geologi Malaysia, Jil. 9, No. 2, p. 45-50.

### 1984

- Tan, B. K. (1984). "Engineering Geologic Studies of Some Dams in Malaysia." Proc. 27th Int. Geological Congress, Moscow.
- Tan, B. K. (1984). "Geologic Considerations in Civil Constructions-Malaysian Case Studies." Proc. Int. Conf. on Case Histories in Geotech. Eng., St. Louis, Vol. 1, p. 123-126.
- Tan, B. K. (1984). "Quarry Site Selection in Malaysia." Proc. Int. Conf. on Aggregates, Nice, I.A.E.G. Bulletin No. 29, June 1984, p. 181-185.

### 1985

- Tan, B. K. (1985). "Urban Construction Problems in Mining Land." Proc. 2nd Conf. on Asian Mining, Manila, p. 147-152.

### 1986

- Tan, B. K. (1986). "Engineering Geological Case Studies in Peninsular Malaysia." Special Publication on Engineering Geological Problems in Asia, I.A.E.G., Science Press, Beijing, p. 153-170.
- Tan, B. K. (1986). "Geology and Urban Development of Kuala Lumpur, Malaysia." Proc. LANDPLAN III Symp., Dec. 1986, Hong Kong, Geological Soc. of Hong Kong Bulletin No. 3, Oct. 1987, p. 127-140.
- Tan, B. K. (1986). "Landslides and Hillside Development-Recent Case Studies in Kuala Lumpur, Malaysia." Proc. LANDPLAN III Symp., Dec. 1986, Hong Kong, Geological Soc. of Hong Kong Bulletin No. 3, Oct. 1987, p. 373-382.



### 1987

Tan, B. K. and Ch'ng, S. C. (1987). "Sifat Fizik dan Mekanik Batu Kapur Kuala Lumpur." *Sains Malaysiana*, U.K.M., Vol. 16, No. 1, p. 119-139.

### 1988

Mahali, R. and Tan, B. K. (1988). "Aluvium Lebih Tua di Kawasan Johor Baharu, Johor." *Warta Geologi*, Jil.14, No. 6, p. 229-236.

Tan, B. K. (1987). "Engineering Geological Studies on Landslides along the Kuala Lumpur-Karak Highway, Malaysia." *Proc. Int. Symp. on Eng. Geological Environ. in Mountainous Areas*, I.A.E.G., Beijing, Vol. 1, p. 347-356.

Tan, B. K. (1988). "Engineering Geologic Studies of Some Recent Landslides in Residual Soils and Rocks, Peninsular Malaysia." *Proc. 5th Int. Symp. on Landslides*, Lausanne, p. 325-329.

Tan, B. K. and Komoo, I. (1988). "Urban Geology: Case Study of Kuala Lumpur, Malaysia." *Proc. Regional Workshop on Tropical Urban Ecosystems Studies*, U.K.M., Bangi, Vol. 5, p. 13-37.

### 1989

Komoo, I., Rafek, A. G., Mohamad, H., Desa, K. M. and Tan, B. K. (1989). "Pencirian Profil Luluhawa Batuan Granit di Terain Tropika." *Pros. Bengkel Penyelidikan I.R.P.A./U.K.M. Pertama*, Melaka.

Mohamad, H., Tan, B. K., Desa, K. M., Komoo, I. and Rafek, A. G. (1989). "Kaedah Lapangan dan Makmal untuk Kajian Geologi dan Geologi Kejuruteraan Profil Luluhawa di Terain Tropika." *Pros. Bengkel Penyelidikan I.R.P.A./U.K.M. Pertama*, Melaka.

Tan, B. K. (1989). "Geologi Bawah Tanah Kawasan Sekitar Ipoh, Perak." *Pros. Kolokium Ke-3, FSFG, U.K.M., Bt. Fraser, Laporan Teknik FSFG, Jil. 3, p. 275-289*.

Tan, B. K. and Komoo, I. (1989). "Sifat Kejuruteraan Bahan Tanah dan Batuan Profil Luluhawa Granit." *Pros. Bengkel Penyelidikan I.R.P.A./U.K.M. Pertama*, Melaka.

### 1990

Mohamad, H., Desa, K. M., Komoo, I., Rafek, A. G. and Tan, B. K. (1990). "Luluhawa Batuan Granit: Perlakuan Mineral, Unsur dan Sifat Fiziko-Kimia." *Pros. Persidangan Sains Bumi dan Masyarakat*, U.K.M., Bangi, p. 292-305.

Ong, C. Y., Tan, B. K., Komoo, I. and Rafek, A. G. (1990). "Sifat Kejuruteraan Batuan Granit di Lebuhraya Ipoh-Changkat Jering, Perak Darul Ridzuan." *Pros. Persidangan Sains Bumi and Masyarakat*, U.K.M., Bangi, p. 271-280.

Tan, B. K. (1990). "Engineering Geology of Ipoh, Perak, Malaysia." *Proc. 6th I.A.E.G. Congress*, Amsterdam, Vol. 3, p. 1733-1738.

Tan, B. K. (1990). "Subsurface Geology of Ipoh Area, Perak, Malaysia." *Proc. Conf. on Karst Geology in Hong Kong*, Hong Kong, Geological Soc. of Hong Kong Bulletin No. 4, p. 155-166.

Tan, B. K. and Komoo, I. (1990). "Urban Geology: Case Study of Kuala Lumpur, Malaysia." *Engineering Geology*, 1990, Vol. 28, p. 71-94.

### 1991

Komoo, I., Desa, K. M., Mohamad, H., Rafek, A. G. and Tan, B. K. (1991). "Systematic Approach in the Characterisation of Granitic Weathering Profiles in Tropical Terrains." *Newsletter, Geological Soc. of Malaysia*, Vol. 17, No. 3, 105-109.

Komoo, I., Rafek, A. G., Mohamad, H., Desa, K. M. and Tan, B. K. (1991). "Pencirian Profil Luluhawa Batuan Granit di Terain Tropika." *Prioriti Penyelidikan Untuk Kemajuan Sains and Teknologi*, Zakri A. Hamid et al. (Eds.), U.K.M., Bangi, p. 212-218.

Mohd Amin, J., Taha, M. R., Abu, A. S., Abdullah, W. A. R. and Ahmed, J. (1991). "Beberapa ciri geoteknik tanah baki lebuhraya timur barat." *Pros. Kolokium Ketiga Fakulti Kejuruteraan U.K.M., Pulau Pangkor*, 162-181.

Ong, C. Y., Tan, B. K., Komoo, I. and Rafek, A. G. (1991). "Sifat Kejuruteraan Bahan Tanah Granit, Lebuhraya Ipoh-Changkat Jering, Perak Darul Ridzuan." *Geological Soc. of Malaysia Bulletin* 29, p. 101-117.

Tan, B. K. (1991). "Role of Geology in Geotechnical Engineering." *Lecture Notes, 4-Day Course on Geotech. Eng., I.E.M., Petaling Jaya*, Vol. 3, p. 28

Tan, B. K. (1991). "Sifat Kejuruteraan Tanah dan Batuan Granit Pulau Pinang." *Laporan Teknik FSFG, Jil. 5*, p. 147-166.

Tan, B. K. and Komoo, I. (1991). "Sifat Kejuruteraan Bahan Tanah dan Batuan Profil Luluhawa Granit." Prioriti Penyelidikan Untuk Kemajuan Sains dan Teknologi, Zakri A. Hamid et al. (Eds.), p. 540-547.

#### 1992

Yong, R. N., Tan, B. K. and Mohamed, A. M. O. (1992). "Assessment of Chemical Buffering Capability of a Micaceous Soil." Proc. Int. Conf. on Implications of Ground Chemistry/Microbiology for Construction, Univ. of Bristol, p. 14.

Yong, R. N., Tan, B. K. and Mohamed, A. M. O. (1992). "Leaching Column Tests on a Micaceous Soil." Proc. Int. Conf. on Geotech. Eng., GEOTROPIKA '92, Johor Bahru, p. 63-88.

#### 1993

Ling, H. I. (1993). "Written discussion on Seismic Stability of Soil Nailed Excavations by Tufenkjian and Vucetic." Earth Reinforcement Practice, Ochiai, et al. (Eds.), Balkema, p. 965-966.

Tan, B. K. (1993). "Engineering Geology of Penang Island, Malaysia." Proc. Int. Conf. on Geoscience in Urban Development (LANDPLAN IV), Beijing, p. 63-74.

Tan, B. K. (1993). "Urban Geology of Ipoh and Kuala Lumpur." Proc. Forum on Urban Geology and Geotech. Eng. in Construction, I.E.M., Petaling Jaya, p. 1-1 to 1-25.

Yong, R. N., Tan, B. K. and Mohamed, A. M. O. (1993). "Evaluation of Attenuation Capability of a Micaceous Soil as Determined from Column Leaching Tests." Hydraulic Conductivity and Waste Contaminant Transport in Soil, Daniel, D. E. and Trautwein, S. J. (Eds.), ASTM, Philadelphia, STP, p. 1142.

#### 1994

Tan, B. K. (1994). "Engineering Properties of Granitic Soils and Rocks of Penang Island, Malaysia." Bulletin Geological Soc. of Malaysia, No. 35, p. 69-77.

Tan, B. K. (1994). "Geologic Input in Hillside Development-Some Case Studies." Proc. Forum on Geology and Hillside Development, G.S.M.-G.S.D.-I.G.M., Kuala Lumpur, p. 5.1-5.33.

Tan, B. K. (1994). "Geological / Hydrogeological Investigations for Highways and roadways." Lecture Notes, Short Course on Eng. Geology for Civil Eng., IKRAM, Kajang, p. 11 + 2 Ap.

Tan, B. K. (1994). "Investigations for the Gemenchah Dam, Negeri Sembilan." Proc. Reg. Conf. In Geotechnical Engineering (GEOTROPIKA '94), Malacca, 1994, Paper 3-3, Tech. Session III.

Tan, B. K. (1994). "Investigations for the Tawau Dam, Sabah, Malaysia." Proc. 7th I.A.E.G. Congress, Lisbon, Vol. V, p. 3707-3714.

Tan, B. K. (1994). "Penyiasatan Tapak Empangan Gemenchah, Negeri Sembilan." Laporan Teknik, FSFG, Jil.4, p. 258-275.

Tan, B. K. (1994). "Survey of Slope Failures for a Rural Road in Sarawak." Warta Geologi, Persatuan Geologi Malaysia, Jil.20, No.4, Julai-Ogos '94, p. 285-290.

Tan, B. K. and Lim, W.H. (1994). "Soil and Water Investigations for an Aquaculture Project In Johor." Proc. Forum on Groundwater, Geological Soc. of Malaysia, Kuala Lumpur, p. 6.1-6.13.

Yong, R. N., Tan, B. K. and Mohamed, A. M. O. (1994). "Evaluation of Attenuation Capability of a Micaceous Soil as Determined from Column Leaching Tests." Hydraulic Conduc. and Waste Contaminant Transport in Soils, ASTM STP 1142, Daniel, D. E. and Trautwein, S. J. (Eds.), ASTM, Philadelphia, 1994, p. 586-606.

#### 1995

Tan, B. K. (1995). "Damsite Investigations-Malaysian Case Studies." Proc. Int. Conf. On Dam Engineering '95, Malaysian Water Assoc. and Canadian Dam Safety Assoc., Kuala Lumpur, 1995, p. 457-462.

Tan, B. K. (1995). "Environmental Geology-Case Histories." Proc. Forum on Environ. Geology and Geotechnics, G.S.M., Kuala Lumpur, p. 6.1-6.12.

Tan, B. K. (1995). "Geologic Input in Hillside Development-Some Case Studies in Malaysia." Proc. I.E.M. Symp. on Hillside Development: Engineering Practice and Local By-Laws, Petaling Jaya, Paper 8, p. 16.

#### 1996

Gue, S. S. and Lee, P. S. (1996). "Investigation into a ground subsidence in limestone formation in Kuala Lumpur." Forum on Geohazards: Landslide and Subsidence, Dept. of Geology, U.M., Kuala Lumpur.

Ling, H. I., Leshchinsky, D., Gilbert, P.A. and Palermo, M. R. (1996). "In-Situ Capping of Contaminated Submarine Sediments: Geotechnical Considerations." Environmental Geotechnics, Kamon (Ed.), Balkema, p. 575-580.

- Tan, B. K. (1996). "Environmental Geology-Case Studies in Malaysia." Proc. Int. Symp. on Geology and Environ., Chiangmai, p. 59-68.
- Tan, B. K. (1996). "Geologic Factors Contributory to Landslides-Some Case Studies." Proc. Forum on Geohazards-Landslides and Subsidence, G.S.M., Kuala Lumpur, p. 6.1-6.6.
- Tan, B. K. (1996). "Geological Factors Contributing to Landslides-Case Studies in Malaysia." Proc. 7th Int. Symp. on Landslides, Trondheim, Vol. 2, p. 1121-1124.
- Tan, B. K. (1996). "Perbandingan Sifat Fiziko-Kimia Tanah Basalt dan Tanah Granit Kawasan Kuantan, Pahang." Pros. Kolokium Ke-IX, FSFG, U.K.M. 1996, p. 165-177.
- Tan, B. K. (1996). "Sifat Fiziko-Kimia Tanah Basalt Kuantan, Pahang." Sains Malaysiana, 1996, Vol. 25, No. 2, p. 115-123.

#### 1997

- Ling, H. I. (1997). "Performance and Future Design of Geosynthetic-Reinforced Soil Structures under Seismic Loadings." Mechanically Stabilized Backfill, Wu (Ed.), Balkema, p. 427-432
- Ling, H. I. and Cheng, A. D-H. (1997). "Rock Sliding Induced by Seismic Force." Int. Journal of Rock Mech. and Mining Sciences, Vol. 34, No. 6, p. 1021-1029.
- Ling, H. I., Leshchinsky, D. and Perry, E. B. (1997). "Seismic Design and Performance of Geosynthetic-Reinforced Soil Structures." Geotechnique, Vol. 47, No. 5, p. 933-952.
- Tan, B. K. (1997). "The Role of an Engineering Geologist in Civil Works-An Opinion." I.G.M. News, Newsletter of the Inst. of Geology Malaysia, Vol. 1, Issue 1, p. 2-3.
- Yong, R. N., Tan, B. K., Bentley, S. P., Thomas, H. R., Williams, K. P., Pooley, F.D. and Zuhairi, W. (1997). "Attenuation Characteristics of Natural Clay Materials in South Wales and their Use as Landfill Liners." Proc. Geo-environ. Eng. Conf. On Contaminated Ground: Fate of Pollutants and Remediation, British Geotech. Soc., Cardiff, p. 161-169.

#### 1998

- Tan, B. K. (1998). "Assessments and Hazard Zonations of Limestone Cliffs in the Tambun Area, Perak, Malaysia." Proc. Reg. Symp. on Sedimentary Rock Eng., Taipei, p. 55-59.
- Tan, B. K. (1998). "Engineering Geological Survey of Limestone Cliffs in the Tambun Area, Perak, Malaysia." Proc. 8th I.A.E.G. Congress, Vancouver, Vol. II, p. 1359-1366.
- Tan, B. K. (1998). "The Tambun Tower-a Photographic Presentation." Warta Geologi, Persatuan Geologi Malaysia, Mei-Jun '98, Jil. 24, No. 3.
- Yong, R. N., Tan, B. K., Bentley, S. P., Williams, K. P., Thomas, H. R., Zuhairi, W. and Hashm, A. (1998). "Assessment of Attenuation Capability of Two Clay Soils via Leaching Column Tests." Proc. 3rd Int. Congress on Environ. Geotechnics, Lisbon, p. 503-508.

#### 1999

- Ling, H. I., Mohri, Y. and Kawabata, T. (1999). "Seismic Stability of Sliding Wedge: Extended Francais-Culmann's Analysis." Soil Dynamics and Earthquake Eng., Vol. 18, No. 5, p. 387-393.
- Tan, B. K. (1999). "Basic Mechanics of Slope Failures and Geological Investigations of Potential Failure Modes." I.E.M. Short Course on Rock Slope Eng., Petaling Jaya.
- Tan, B. K. (1999). "Engineering Geology-Some Case Histories in Malaysia." Keynote Paper, Proc. GEOTROPIKA '99, U.T.M., Johor Baru, p. 23-43.
- Tan, B. K. (1999). "Engineering Geology of Limestone-an Overview." I.E.M.-G.S.M. Forum On Karst: Geology and Eng., Petaling Jaya, Paper No.1, p. 24.
- Tan, B. K. (1999). "Geological Investigations of Rock Slopes." U.T.M./I.E.M. SCOFG '99-Short Course on Site Investigation and Slope Stability, Kuala Lumpur.
- Tan, B. K. (1999). "Site and Subsurface Investigations." I.E.M. Short Course on Geotechnics of Sanitary Landfill, Petaling Jaya, Lecture 1.
- Tan, B. K. (1999). "Some Properties of the Old Alluvium in the Johor Baru Area." Proc. GEOTROPIKA '99, U.T.M., Johor Baru, p. 125-134.
- Yong, R. N., Tan, B. K., Bentley, S. P. and Thomas, H. R. (1999). "Competency Assessment of Two Clay Soils from South Wales for Landfill Liner Contaminant Attenuation." Quaterly Journal of Eng. Geology, The Geological Soc., U.K., Vol. 32, p. 261-270.

### 2000

- Tan, B. K. (2000). "Engineering Geology of Damsites." Lecture Notes, Short Course on Eng. Geology, I.E.M., P.J.
- Tan, B. K. (2000). "Engineering Geology of Rock Slopes." Lecture Notes, Short Course on Eng. Geology, I.E.M., P.J.
- Tan, B. K. (2000). "Fundamentals of Engineering Geology." Lecture Notes, Short Course on Eng. Geology, I.E.M., P.J.
- Tan, B. K. (2000). "Physico-Chemical Properties of Some Residual Soils in Peninsular Malaysia." Proc. GeoEng 2000, Melbourne.
- Tan, B. K. (2000). "Urban Geology: Case Studies in Malaysia." Proc. GeoEng 2000, Melbourne.

### 2001

- Jiang, B., Kong, X., Ling, H. I. and Ma, H. (2001). "Experimental study on seismic stability of geomembrane liner." 6th National Conf. on Soil Dynamics, China.
- Jiang, B., Ling, H. I. and Kong, X. (2001). Seismic stability of slopes containing geomembrane, 7th National Conf. on Numerical and Analytical Methods in Geotechnical Engineering, Dalian, China.
- Liew, S. S. and Gue, S. S. (2001). "Massive Creep Movements of Post-Glacial Deposits in Kundasang Areas." G.S.M.-I.E.M. Forum : Engineering Geology and Geotechnics of Slopes, Kuala Lumpur, 23 Oct. 2001
- Ling, H. I., Leshchinsky, D. and Chou, N. N. S. (2001). "Post-Earthquake Investigation on Several Geosynthetic-Reinforced Soil Retaining Walls and Slopes During 1999 Ji-Ji Earthquake of Taiwan." Soil Dynamics and Earthquake Eng., 21(4), p. 297-313.
- Tan, B. K. (2001). "Engineering Geology of Limestone in Malaysia." Acta Geologica Sinica, Journal of Geological Soc. of China (English Ed.), Sept. 2001, Vol. 75, No. 3, p. 316-324.
- Tan, B. K. (2001). "Geological Assessment for Slope Failure Investigations." Proc. Seminar on Engineering Geology, Geological Soc. of Malaysia, Kuala Lumpur, Paper No.4, p. 9.
- Tan, B. K. (2001). "Riverbank Instability : Some Case Studies in Sarawak." Proc. G.S.M.-I.E.M. Forum on Eng. Geology and Geotechnics of Slopes, Kuala Lumpur, Paper No.6, p. 25.

### 2002

- Tan, B. K. (2002). "Dam Site Characterization: Some Aspects of Engineering Geology." National Training Course on Use of Isotopes as Alternative Techniques in Dam Safety and Dam Sustainability, MINT, Bangi, Lecture 13, p. 49.
- Tan, B. K. (2002). "Engineering Geology of Limestone in Malaysia-An overview." Proc. 9th I.A.E.G. Congress, Durban, S. Africa.
- Tan, B. K. (2002). "Fundamentals of Engineering Geology." Proc. Tripartite Meeting and Technical Courses, I.E.M.-IES-PII, Johor Bahru, p. 42.
- Tan, B. K. (2002). "Geological Input in Coastal Development-Some Case Studies in Peninsular Malaysia and Singapore." Proc. I.E.M.-G.S.M. Forum on Eng. Geology and Geotechnics in Coastal Develop., Petaling Jaya, Paper 6.

### 2004

- Tan, B. K. (2004). "The Practice of Engineering Geology in Malaysia." Special Lecture, Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 131-148.

## **2.10 Miscellaneous**

### 1973

- Chan, S. F. and Lau, W. Y. (1973). "The Construction of the Kuala Trengganu Airfield, Malaysia." Proc. Conf. on Road Construction in Asia and Australasia, Kuala Lumpur, p. 1-8.

### 1974

- Chew, S. H. and Ting, W. H. (1974). "Natural Rubber in Malaysian Roads." Proc. Rubber in Engineering Conf., Kuala Lumpur, Feb. March 1974.

### 1980

- Chin, F. K. (1980). "Theory and Practice." Ground Engineering, London, Vol. 13, No. 1, p. 2/5

1981

Chan, S. F., Ting, W. H. and Toh, C. T. (1981). "Observed Building Deformations and Associated Damage." Proc. 10th Int. Conf. on Soil Mech. and Found. Eng., Stockholm, Vol. 2, p. 75-78.

Chin, F. K. (1981). "The Behaviour of Unstabilised Bases under High Impact Loads." PWD Seminar on Aircraft Pavement Design, Construction and Maintenance, Kuala Lumpur, Sept. 1981.

1983

Chan, S. F. (1983). "Experiences of Geotechnical Instrumentation in Malaysia." Proc. Symp. on Instrumentation in Civil and Geotech. Eng., Singapore, p. 01-16 to 16-16.

1985

Chin, F. K. (1985). "Some Geotechnical Considerations in the Design and Construction of the Penang Bridge." I.E.M.-J.S.S.M.F.E. Joint Symp. on Geotech. Problems, Kuala Lumpur, March 1985, p. 1-14.

1986

Chan, S. F. (1986). "Geotechnical Aspects of the Tanjung Berhala East Wharf in Trengganu." Proc. I.E.M.-J.S.S.M.F.E. Joint Symp. on Geotech. Problems, Kuala Lumpur, p. 69-81.

Gue, S. S. (1986). "A Case History on Failure to Some Houses In A Low-coast Housing." Public Works Dept. Malaysia's Senior Officers Conf., Johor.

Gue, S. S. (1986). "An investigation into geotechnical failures of a road project." Public Works Dept. Malaysia's Senior Officers Conf., Terengganu.

1987

Chin, F. K. (1987). "Diagnosis of Sand Failure Mechanism." Proc. 8th Asian Regional Conf. Soil. Mech. and Found. Eng., Kyoto, July 1987.

1988

Gue, S. S. (1988). "An investigation into geotechnical failures of a bridge project." I.E.M./R.R.I.M. Joint Eng. Symp., Johor Bahru.

1989

Ling, H. I. and Tatsuoka, F. (1989). "Flow Normal to the Plane of the Nonwoven Geotextile and Formulation of Flow Equation." Proc. 44th Annual Conf. of J.S.C.E., Nagoya, p. 1036-1037. (in Japanese)

1990

Ling, H. I., Wu, J. T. H., Tatsuoka, F., Sato, T. and Nishimura, J. (1990). "Strength and Deformation Characteristics of a Nonwoven Geotextile under Soil-Confinement Conditions." Proc. 25th Nat. Conv. of J.S.S.M.F.E., Okayama, p. 2003-2006.

1991

Ling, H. I., Wu, J. T. H. and Tatsuoka, F. (1991). "Effectiveness of In-Membrane Test in Simulating Strength and Deformation Characteristics of Nonwoven Geotextiles Under Operational Conditions." Proc. Geosynthetics '91 Conf., Atlanta, p. 601-614.

1992

Ling, H. I. and Tatsuoka, F. (1992). "Effect of Anisotropic Consolidation on the Performance of Soil-Geosynthetic Composite in Plane Strain Compression." Proc. 27th Nat. Conv. of J.S.S.M.F.E., Kochi, p. 2407-2410.

Ling, H. I., Wu, J. T. H. and Tatsuoka, F. (1992). "Short-Term Strength and Deformation Characteristics of Geotextiles under Typical Operational Conditions." Journal of Geotextiles and Geomembranes, Vol. 11, No. 2, p. 185-219.

1993

Ling, H. I. and Tatsuoka, F. (1993). "Evaluating Different Geosynthetics for Reinforcing On-Site Soil." Proc. 48th Annual Convention of J.S.C.E., Fukuoka, p. 832-833.

Ling, H. I. and Tatsuoka, F. (1993). "Laboratory Evaluation of a Nonwoven Geotextile for Reinforcing On-Site Soil." Proc. Geosynthetics '93 Conf., Vancouver, British Columbia, Canada, Vol. 2, p. 533-546.

Ling, H. I. and Tatsuoka, F. (1993). "Written discussion on Application of Finite Element System to Reinforced Soils by San and Matsui." Earth Reinforcement Practice, Ochiai, et al. (Eds.), Balkema, p. 942-943.

Ling, H. I., Tatsuoka, F. and Wu, J. T. H. (1993). "Written discussion on The Instrumentation and Measurement Performance of Synthetic Polymers in Reinforced Soil Structures by McGown et al." Earth Reinforcement Practice, Ochiai, et al. (Eds.), Balkema, p. 912-914.

1994

Ling, H. I. (1994). "Discussion on Behavior of Fiber-Reinforced Cemented Sand Under Static and Cyclic Loads by Maher, M. H. and Ho, Y. C." Geotech. Testing Journal, ASTM, Vol. 17, No. 2, p. 254-255.

Ling, H. I. and Tatsuoka, F. (1994). "Performance of Anisotropic Geosynthetic-Reinforced Cohesive Soil Mass." Journal of Geotech. Eng., A.S.C.E., Vol. 120, No. 7, p. 1166-1184.

Loke K. H., Lee, C. H., Lim C. H. and Chin P. W. (1994). "Performance of Nonwoven Geotextile in Coastal Protection Works with Marine Clays." 5th Int. Conf. on Geotextiles, Geomembranes and Related Products, Singapore, 1994, p. 647-650.

Yee, T. S. (1994). "Geotechnical Engineering and the Building Industry." Proc. Housing Developers' Assoc. of Malaysia Seminar on The Malaysian Experience in Designing, Constructing and Managing High-Rise Buildings for Optimum Safety, Kuala Lumpur, p. 1-10.

1995

Gue, S. S. and Tan, S. M. (1995). "The Prediction of Groundwater Profile for A Basement Excavation." IKRAM Geotech. Meeting, Penang, Malaysia.

Leshchinsky, D., Min, Y. L., Ling, H. I. and Kaliakin, V. (1995). "Sustained and Repeated Tensile Loads: Effects on Geogrid Embedded in Sand." Proc. US-Taiwan Geotech. Eng. Collaboration Workshop, Taipei, Taiwan, p. 210-221.

Min, Y., Leshchinsky, D., Ling, H. I. and Kaliakin, V. N. (1995). "Effects of Sustained and Repeated Loads on Geogrid Embedded in Sand." Geotech. Testing Journal, ASTM, Vol. 18, No. 2, p. 204-225.

1996

Ling, H. I., Leshchinsky, D. and Perry, E. B. (1996). "A New Concept of Seismic Design of Geosynthetic-Reinforced Soil Structures: Permanent Displacement Limit." Earth Reinforcement, Ochiai, Yasufuku and Omine (Eds.), Balkema, p. 797-802.

1997

Chan, S. F. (1997). "Geotechnical Engineering in Asia : 2000 and Beyond." Keynote Lecture, Proc. 3rd Asian Young Geotech. Eng. Conf., Singapore, p. 47-59.

Gue, S. S. (1997). "Avoidance of Geotechnical Failure." Short Course on Found. and Geotech. Eng. (SCOFG'97), U.T.M., Johor Bahru, 5th-6th March 1997.

Leshchinsky, D., Dechasakulsom, M., Kaliakin, V. N. and Ling, H. I. (1997). "Creep and Stress Relaxation of Geogrids." Geosynthetics International, Vol. 4, No. 5, p. 463-479.

Ling, H. I., Leshchinsky, D. and Tatsuoka, F. (1997). "Stress-Confinement Effect of Nonwoven Geotextile on Design of Reinforced Soil Retaining Wall." Soils and Foundations, Vol. 37, No. 4, p. 121-126.

Mohri, Y., Kawabata, T. and Ling, H. I. (1997). "Uplift Force-Displacement Characteristics of Shallow Embedded Pipe." Proc. 32nd Japan Nat. Conf. on Geotech. Eng., Kumamoto, p. 2185-2186.

Mohri, Y., Kawabata, T., Fujita, N. and Ling, H. I. (1997). "Large-Scale Experiment up to Flotation of Buried Pipeline with Geosynthetic." Proc. 12th Geosynthetics Symposium, Tokyo, p. 98-106.

1998

Gue, S. S. (1998). "Case Histories of Failures Due to Construction and Inadequate Supervision." Seminar on Construction Failures, A.C.E.M.

Ling, H. I. and Leshchinsky, D. (1998). "Effects of Vertical Acceleration on Seismic Design of Geosynthetic-Reinforced Soil Structures." Geotechnique, Vol. 48, No. 3, p. 347-373.

Ling, H. I. and Whittle, A. J. (1998). "Discussion to Three Dimensional Finite Element Analysis of Deep Excavation, by Chang et al." Journal of Geotech. and Geoenviron. Eng., A.S.C.E., Vol. 124, No. 5, p. 458-459.

Ling, H. I., Mohri, Y. and Kawabata, T. (1998). "Tensile Properties of Geogrids under Cyclic Loadings." Journal of Geotech. and Geoenviron. Eng., A.S.C.E., Vol. 124, No.8, p. 782-787.

Mohri, Y., Kawabata, T. and Ling, H. I. (1998). "Experiments on Shallowly Buried Pipelines Using Shaking Table." Proc. 10th Earthquake Eng. Symp., Tokyo, p. 1913-1916.

Mohri, Y., Kawabata, T. and Ling, H. I. (1998). "Experiments on Uplift Resistance of Buried Pipe." Proc. 33rd Japan Nat. Conf. on Geotech. Eng., Yamaguchi, Japan, p. 2027-2028.

- Mohri, Y., Kawabata, T. and Ling, H. I. (1998). "Shaking Table Tests on Uplift of Buried pipes: 1. Vertical Shaking Effect." Proc. 33rd Japan Nat. Conf. on Geotech. Eng., Yamaguchi, Japan, p. 983-984.
- Mohri, Y., Kawabata, T., Fujita, N. and Ling, H. I. (1998). "Full-Sized Experiments on Floatation of Buried Pipeline Reinforced with Geogrid." Proc. 33rd Japan Nat. Conf. on Geotech. Eng., Yamaguchi, Japan, p. 2029-2030.
- Mohri, Y., Kawabata, T., Ling, H. I. and Okabe, Y. (1998). "Shaking Table Tests on Uplift of Buried pipes: 2. Effectiveness of Stabilizing with Crushed Rock and Geogrid." Proc. 33rd Japan Nat. Conf. on Geotech. Eng., Yamaguchi, Japan, p. 985-986.
- Ting, W. H. (1998). "Blueprint for Infrastructure Development-The Next Decade (1998-2007)." ASLI, The Malaysian Infrastructure Forum, Selangor, 27 and 28 Oct. 1998.

#### 1999

- Ling, H. I. and Cheng, A. H-D. (1999). "Permanent Displacement of Composite Breakwater Subject to Wave Impact." Journal of Waterways, Port, Coastal and Ocean Eng., A.S.C.E., Vol. 125, No. 1, p. 1-8.
- Mohri, Y., Kawabata, T. and Ling, H. I. (1999). "Experimental Study on the Effects of Vertical Shaking on the Behavior of Underground Pipelines." Proc. 2nd Int. Conf. on Earthquake Geotech. Eng., Lisbon, Portugal, p. 489-494.
- Mohri, Y., Yuasa, A., Kawabata, T. and Ling, H. I. (1999): "FEM Simulation Analysis on Liquefaction-Countermeasure Test for Underground Pipelines." Proc. 2nd Int. Conf. on Earthquake Geotech. Eng., Lisbon, Portugal, p. 495-500.
- Ting, W. H. (1999). "Redefining The Civil Engineering Profession for The Next Millennium-Impact on Development Countries." Key Lecture, World Eng. Congress, July 1999, Kuala Lumpur.

#### 2000

- Chan, S. F. (2000). "Reinforced Soil Structures Using Geogrids." Special Regional Lecture, Proc. 2nd Asian Geosynthetics Conf., Kuala Lumpur, p. 95-110.
- Gue, S. S. Liew, S. S. and Tan, Y. C. (2000). "Lessons Learned From Failure of Some Housing Projects." Seminar on Failures Related to Geotech. Works, I.E.M., Kuala Lumpur, 23 and 24 Oct. 2000.

#### 2001

- Gue, S. S. (2001). "An Overview of Professional Practice of Geotechnical Engineering in Malaysia." Special Lecture (Professional Practice). 14th S.E.A. Geotech. Conf., Hong Kong, 10th-14th Dec. 2001.
- Ling, H. I. (2001). "Recent Applications of Sliding Block Theory for Geotechnical Design." Soil Dynamics and Earthquake Eng., Vol. 21, No.3, p. 189-197.
- Ling, H. I. and Liu, Z. (2001). "Performance of Geosynthetic-Reinforced Asphalt Pavements." Journal of Geotech. and Geoenviron. Eng., A.S.C.E. Vol. 127, No.2, p. 177-184.
- Ling, H. I., Liu, H. B., Mohri, Y. and Kawabata, T. (2001). "A Bounding Surface Model for Geogrid." Journal of Eng. Mech., A.S.C.E., Vol. 127, No. 9, p. 963-967
- Mofiz, S. A. and Taha, M. R. (2001). "Prediction of Failure Stress of Reinforced Residual Soil by Simplified Approach." IS-Kyushu, A.A. Balkema, p. 235-246.
- Mohri, Y., Kawabata, T. and Ling, H. I. (2001). "The use of geosynthetic in mitigating pipeline flotation during soil liquefaction." Proc. 10th Int. Conf. on Soil Dynamics and Earthquake Eng., Philadelphia, p. 135.
- Pamuk, A., Leshchinsky, D., Ling, H. I. and Kaliakin, V. N. (2001). "Laboratory testing of long-term performance of clay-geogrid interaction." Landmarks in Earth Reinforcement, Proc. 4th Int. Symp. on Earth Reinforcement, H. Ochiai, N. Yasufuku and K. Omine (eds.). Fukuoka, Japan, p. 121-126.

#### 2002

- Aziz, A. A., Wong, K. N. and Mohamad, H. (2002). "Evaluation of a Polymer to Enhance Cement Stabilisation of a Lateritic Soil for Paved Roads." 2nd World Eng. Congress Sarawak, Malaysia, p. 218-223.
- Chen, C. S. and Tan, S. M. (2002). "A Case History of A Coastal Land Reclamation Project." G.S.M.-I.E.M. Forum on Eng. Geology and Geotechnics in Coastal Develop., I.E.M., Petaling Jaya, 23 Oct. 2002.
- Lee, F. H., Phoon, K. K., Lim, K. C. and Chan, S. H. (2002). "Performance of Jacobi Preconditioning in Krylov Subspace Solution of Finite Element Equations." Int. Journal for Numerical and Analytical Methods in Geomechanics, 26, p. 341-372.

Phoon K. K., Toh K. C., Chan S. H. and Lee F. H. (2002). "An Efficient Diagonal Preconditioner for Finite Element Solution of Biot's Consolidation Equations." *Int. Journal for Numerical Methods in Eng.*, Vol. 55, p. 377-400.

#### 2003

Arulrajah, A., Abdullah, A. and Kim Har, L. Y. (2003). "Geosynthetic Applications in a High-Speed Railway Project." 13th Int. Conf. on Soil Mech. and Geotech. Eng., Prague, Czech Republic, Aug. p. 551-554.

Arulrajah, A., Nikraz, H. and Bo, M. W. (2003). "Factors Affecting Field Settlement Assessment and Back-Analysis by the Asaoka and Hyperbolic Method." *Australian Geomechanics Journal*, Vol. 38, No. 2, June 2003, p. 29-37.

Chai, G. W. K. and Asmaniza, A. (2003). "Performance Evaluation of Cement Stabilised Base using Falling Weight Deflectometer." 11th REAAA Conf., Cairns, Queensland, Australia, 18-23 May 2003.

Chai, G. W. K. and Ourad, A. (2003). "Calibration of HDM Model to Local Condition-A Case Study in a Tropical Environment." 4th SMEC National Conf., Caloundra City, Queensland, Australia, 26-28 March 2003.

Gue, S. S. (2003). "Current Status and Future Develop. of Geotech. Eng. in Malaysia." Lead Speaker/Special Lecture 12th Asian Regional Conf. on Soil Mech. and Geotech. Eng., Singapore, 4th-8th Aug. 2003.

Ling, H. I. and Liu, H. B. (2003). "Finite element analysis of geogrid reinforced asphalt pavement." *Journal of Eng. Mech.*, 129(7). A.S.C.E., p. 801-811.

Ling, H. I., Mohri, Y. and Kawabata, T., Liu, H., Burke, C. and Sun, L-X. (2003). "Centrifugal modeling of seismic behavior of large-diameter buried pipeline in Saturated soil." *Journal of Geotech. and Geoenviron. Eng.*, A.S.C.E. to appear in 129(12)

Mydin, S. H., Mustafa, A. and Taha, M. R. (2003). "Remediation of Sinkhole At a Toll Road in Kuala Lumpur Malaysia." *Soil and Rock America*, 12th Pan-american Conf. on Soil Mech. and Geotech. Eng., Verlag Gluckauf, Essen, Vol 2, 2619-2624.

Phoon K. K., Chan S. H., Toh K. C. and Lee F. H. (2003). "Fast Iterative Solution of Large Undrained Soil-Structure Interaction Problems." *Int. Journal for Numerical and Analytical Methods in Geomechanics*, 27, p. 159-181.

#### 2004

Ting, W. H., Chan, S. F. and Ooi, T. A. (2004). "Achievements in Geotechnical Engineering Practice in Malaysia." Keynote Lecture, Proc. Malaysian Geotech. Conf. 2004, Kuala Lumpur, March 2004, p. 3-18.