CURRICULUM VITAE (Abridged Version)
(Updated 2015)

1) NAME: Dennes Taganajan Bergado

2) AFFILIATION: Distinguished Adjunct Professor and Retired Professor of Geotechnical Engineering, Asian Institute of Technology

67/49 Soi 4, Muang Ake 2, Lakhok, Pathumthani, Thailand 12000

3) DATE AND PLACE OF BIRTH: May 1, 1952; Philippines

4) NATIONALITY: Filipino

5) MARITAL STATUS: Married, two daughters, two sons

6) EDUCATION:

B.S.C.E. (April, 1974) (Civil Engineering)	Mindanao State University, Marawi City, Philippines (Magna Cum Laude, Top of 300 Graduates, University Leadership Awardee)
M. Eng. (April, 1976) (Soil Engineering)	Asian Institute of Technology, Bangkok, Thailand (Scholarship Donor: Australian Government)
Ph. D. (August, 1982) (Civil/Geotechnical Engineering)	Utah State University, Logan, Utah, U.S.A. (Fulbright Exchange Scholar)

7) AREAS OF INTERESTS:

Ground improvement techniques, in-situ testing, geotechnical disaster mitigation, and probabilistic methods/risk analyses in geotechnical engineering.

8) HONORS AND AFFILIATION:

- High School Valedictorian, Liberation Institute, 1969.
- Philippine Gov't. Full Scholarship Grant for B.S.C.E. Degree, 1969 to 1974.
- University Leadership Awardee, Mindanao State University, 1974.
- Magna Cum Laude (Top of 300 Graduates), Mindanao State University, 1974.
- Australian Gov't. Scholarship Grant for M. Eng. Degree, 1974 to 1976.
- Fulbright Scholarship Grant as Exchange Student for Ph. D. Studies, 1978 to 1982.
- Member, Phi Kappa Phi Honor Society, Utah State University, U.S.A.
- Member, American Society of Civil Engineers (ASCE) since 1982.
- Registered Civil Engineer, Philippine Professional Regulation Commission.
- Member and Secretary-General, Southeast Asian Geotechnical Society.
- Editor, Geotechnical Engineering Journal, Southeast Asian Geotechnical Society, 1996 to 2001.

- Director, Asian Center for Soil Improvement and Geosynthetics (ACSIG) since 1998.
- Coordinator, Geotechnical Engineering Program, School of Civil Engineering, 2000 to 2004.
- Executive Secretary, AIT Alumni Association, 2002 to Present.
- Secretary-Treasurer, International Geosynthetics Society – Thailand Chapter, 2001 to 2004.
- President, International Geosynthetic Society-Thailand Chapter since 2004.
- Faculty Representative to AIT Board of Trustees, 2005 to 2007.
- Council Member, International Geosynthetics Society, 2008 to 2012.
- Director, Unified Bachelor-Master Program at AIT, 2010 to 2012.
- Editor-in-Chief, Lowland Technology International Journal, Japan, 2010 to 2014.
- Best Paper Award, International Symposium on Lowland Technology, Japan, 2010.
- Council Member, International Geosynthetics Society, 2012 to 2016.
- Registered Civil Engineer No. 16821, Philippine Professional Regulation Commission.

9) SELECTED CONSULTING EXPERIENCES:

1976-1977	♦ Soil Engr., Trans-Asia (Phil.) Inc., Makati, Philippines
1977-1978	♦ Foundation Specialist, Phil. Tech. Consult., Philippines
1989	♦ Ground Improvement Techniques for Second Stage Bangkok Expressway for Freeman Fox Eng'g. Consultants, Thailand.
1990	♦ Bank Stabilization of Mekong River at Thadeau, Laos, Mekong Committee Secretariat.
1990	♦ Foundation Improvement of Siam Tin Plate Factory in Map Ta Phud Industrial Estate for Index Intl. Consultants, Thailand.
1991	♦ Foundation Evaluation of Phnomphen Port Extension Project, Cambodia for Mekong Committee Secretariat
1992	♦ Geotechnical Investigations, Mahasawat Water Treatment Plant, Thailand for Metropolitan Water Works authority, Thailand.
1993	♦ Evaluations of Independent Soil Engineering Study for the Ground Improvement at the Proposed Site of the Second Bangkok Intl. Airport (SBIA) for the Airports Authority of Thailand (AAT), Thailand.
1994	♦ Soil Report and Prefabricated Vertical Drain (PVD) Evaluations at the New Bangkok-Chonburi Highway and Eastern Ring Road Project for Dept. of Highways, Thailand
	♦ Geotechnical Expert for Dames and Moore, Inc. on Arbitration of Penang Port Reclamation Project, Malaysia.
1995	♦ Design and Evaluation of Hexagonal Wire Mesh for Mechanically Stabilized Earth for BB Trading, Kuala Lumpur, 1995
1996	♦ Soil Evaluation for Bangna-Bangpakong Road Rehabilitation Using Deep Mixing Method for Dept. of Highways, Thailand
1997	♦ Ground Improvement of Manila Bay Reclamation Project, Philippines for Italian-Thai Development Co. Ltd.
1998	♦ Slope Stabilization for Emergency Work at KM 900+215 Road 13 South, Namkading to Savannakhet, Lao PDR.
1998	♦ Evaluation of Emergency Works, Road 13 North, Luang Prabang to Pakmong, Lao PDR.
1999	♦ Investigation on Defects and Site Survey of Champassak Road Improvement Project in Lao PDR (funded by ADB) for Samwhan Corporation, 1999)
2001	♦ Geotechnical Expert Witness for KL Plaza Damage Arbitration Settlement in Kuala Lumpur, Malaysia, 2001.
2002	♦ Design and Supervision, Sakaew Landfills, Thailand.
2003	♦ Analysis of Pile Foundation, Second Bangkok Intl. Airport (SBIA) Depot Project
2004	♦ Design of DMM Ground Improvement Foundation, SBIA Into-Plane Project
2004	♦ Investigation and Mitigation of Coal-Loading Platform Failure, Trubaindo Coal Mining Project, East Kalimantan, Indonesia
2005	♦ Geotechnical Aspects of Mae La Oon Refugee Camp, Mae Sariang, Thailand.
	♦ Geotechnical Aspects of Tsunami Areas in Ranong, Thailand for USAID/AIT.
2006	♦ Design and Construction Supervision of Bridge Approach with Mechanically Stabilized Earth for DOH.
2007	♦ Sabbatical Leave (4 months), Saga University, Japan, 2007.
2008	♦ Balik Scientist Awardee, Department of Science and Technology, Philippines, 2008.
2009	♦ International Consultant for Maccaferri (Brazil) in Embraport Vacuum-PVD Soft Ground Improvement, Sao Paolo, Brazil, 2009.
2010	♦ Comparison of Metallic and Polymer Grids Reinforced Structures by Full Scale Tests, Int'l. Engineering Consultants (IEC) and Dept. of Highways (DOH), 2010.

2011 ♦ Geotechnical Specialist, Mass Rapid Transit Authority (MRTA) Blue Line Extension, 2011 to 2013.

2012 ♦ Erosion Control at National Road 1B, Laos PDR, 2012.

♦ Forensic Investigation of Reinforced Earth Failure at Bandar Puteri 9, Kuala Lumpur, Malaysia.

2013 ♦ Mitigations of Road Failures at National Road (NR 1B), Lao PDR

2014 ♦ Visiting Professor (6 months), Saga University, Saga, Japan.

♦ Investigations and Explorations for Development of Gold Mine Tailings Deposits, Masbate, Philippines for Filminera Resources Corporation.

2015 ♦ Mitigation of Slope Failures and Soil Erosion at National Road (NR 1B), Lao PDR

10) PUBLICATIONS:

2 Book Publications on Soil/Ground Improvement Techniques, 7 Chapters in Books,
5 Guest Editors of Journals, 22 Edited Books/Proceedings and 42 Research Reports
148 Journal and 300 Conference Papers; 2329 (H-Index=27) SCOPUS Science Citations (in 2015)
160 Master's Thesis and 17 Doctoral Dissertation Supervisions
34 Sponsored Research Projects and 73 Invited/Special/Keynote Lectures

11) DISTINGUISHED AWARDS

- International Winner of Shamsher Prakash Award in 1993 for showing significant independent contributions and promise of excellence in geotechnical engineering.
- Distinguished Alumni Award for 1994-95 for contributions to the Civil and Environmental Eng'g. Department of Utah State University, Logan, Utah, U.S.A.
- Selected by Marquis International Who's Who in Science and Engineering for 1996.
- Runner-up for R.M. Quigley Award for Best Paper in the Canadian Geotechnical Journal on "Prefabricated Vertical Drains in Soft Bangkok Clay at the New Bangkok Intl. Airport" in 2002.
- Distinguished AIT Alumni Award in 2006 for Outstanding Professional and Technical Achievements.
- International Geosynthetics Society (IGS) Achievements Awards 2006

12) SELECTED RESEARCH PROJECTS

1) Silom Palace Pile Vibration Measurements for Concrete Products and Aggregate Company (CPAC), 1983 (US $ 8,000).
2) Subsidence of AIT Campus, Km. 42, Phaholyothin Road, Klong Luang, Pathumthani Province for AIT, 1983-1984 (US $ 6,000).
3) The Measurement and Monitoring of the Level of Vibration at Three Historical Sites in Lopburi Province Due to Railway and Highway Traffic, Phase I, for the Fine Arts Department, 1984 (US $ 4,500).
4) Foundation Investigation at the Site of Cement Factory, Saraburi, Thailand for the Siam City Cement Co., Ltd., 1984 (US $ 7,500).
5) Measurements of Vibrations and Remedial Measures for the Three Historical Sites in Lopburi, Phase II, for the Fine Arts Department, 1985 (US $ 14,000).
6) Foundation Investigations and Remedial Measures of the Leaning Tower of Wat Manichulakan in Lopburi Province for the Fine Arts Department, 1985 (US $ 7,000).
7) Welded Wire Reinforced Earth (Mechanically Stabilized) Embankments with Cohesive Backfill on Soft Clay for U.S. Agency for Intl. Devt. (USAID), 1988-1991 (US $ 150,000).
8) Sand Compaction Piles (SCP) on Soft Bangkok Clay Using Locally-Available and Low-Quality Soils for Fudo Construction Co. Ltd., Japan, 1991-1992 (US $ 40,000).
9) Improvement of Cohesive-Frictional Backfill Soil on Soft Bangkok Clay Using Tenax Geogrids for Tenax SpA, Italy, 1992-1993 (US $ 40,000).
10) Reinforced Embankment with Poor Quality Backfill Soil Using Polyfelt Geotextiles on Soft Bangkok Clay for Polyfelt GesmbH, Linz, Austria, 1992-1994 (US $ 210,000).
11) Full Scale Test Embankments on Vertical Drains at Nong Ngu Hao Second Bangkok International Airport (SBIA), 1993-94 (US $ 340,000).
12) Verification of Design Criteria, Specifications and Effectiveness of Prefabricated Vertical Drains for New Bangkok-Chonburi Highway Project, 1994 (US $ 80,000).
13) Lime/Cement Columns on Soft Bangkok Clay for Repair of Bangna-Trad Highway for Bilfinger and Berger, 1995-96 (US $ 80,000).

14) Monitoring and Evaluation of Vacuum Consolidation with PVD for the Second Bangkok Int'l. Airport for COFRA (Thailand) Co. Ltd., 1996-97 (US $ 24,000).
15) Full Scale Test Embankment Using Wire Mesh Reinforcement for B.B. Trading, Kuala Lumpur, Malaysia, 1997-98 (US $ 24,000).
16) Evaluation of New Profiles of Hitek Prefabricated Vertical Drain for Hitek Construction/Nylex (Malaysia), 1997 (US$16,000).
17) Evaluation of Eng'g. Properties, Discharge and Pullout Capacities of Geosynthetic Horizontal Drain (GHD) for Chikami Miltec Co. Ltd. (Japan), 1997 (US $4,200).
18) Effects of Electro-Osmotic Consolidation on Soft Bangkok Clay Improved with Mebra PVD for Geotechnics (Holland) B.V., 1998 (B 500,000).
19) Discharge Capacity of PVD and its Filter and Core Characteristics for Geotechnics (Holland) BV, 1999 (B 370,000).
20) Preliminary Studies on Recycled Used Rubber Tires for Infrastructure Construction for Natl. Metal and Materials Tech. Center (MTEC), 2000 (B 872,000).
21) Conventional and In-Soil Pullout Test and In-Soil Pullout Test and Soil-Reinforcement Interaction with Zinc-Coated and PVC-Coated Hexagonal Wire Reinforcement for B.B. Trading, Kuala Lumpur, Malaysia, 2001 (Baht 200,000).
22) Deep Mixing Method (DMM) using Cement Admixture at Higher Water Content as Foundation of Hexagonal Wire Reinforced Embankment for Anchor SOL Sdn, Bhd., Selangor, Malaysia, 2002 (Baht 600,000).
23) Development of Used Rubber Tire Scrap for Infrastructure Construction (Baht 918,350) for Natl. Metals and Materials Technology Center (MTEC), 2001-2003.
24) Thermal Stabilization of Soft Bangkok Clay, Phase 1 (Baht 1,900,000) for Royal Thai Government (2003-2005).
25) Thermal Stabilization of Soft Bangkok Clay, Phase 2 (Baht 900,000) for Royal Thai Government (2004-2005).
26) Geogrid Reinforcement of Tire Chips-Sand Mixture (Baht 600,000) for Royal Thai Government (2005).
27) Stiffened Deep Mixing Method (Baht 1,000,000) for Royal Thai Government (2006).
28) Construction Supervision of MSE Project (Baht 1,000,000) for Navarat Construction Co., Ltd (2007-2008).
29) Volume Change and Smeared Zone Characteristics of PVD Improved Soft Clay by Vacuum Preloading (Bahts 1,400,000) for RTG and Maruyama Industry (Japan/Thailand) (2008-2009).
30) Woven Modified Limited Life Geosynthetics (LLGs) Made of Natural Fibers for Soil Reinforcement and Erosion Control (Bahts 1,000,000) for Royal Thai Government (2010).
31) Soil Stabilization with ChemRoad and Cement (Baht 300,300) for Indochina Engineering System Co. Ltd. (2010).
32) Evaluations and Tests of Greenway Powder for Soil Stabilization (Baht 450,000) for Loxley Public Company Limited (2011).
33) Comparison of Polymeric and Metallic Reinforcements of Full Scale Embankment on Hard Ground, 2012.

13) REFEREED JOURNAL PUBLICATIONS

1) Bergado, D.T. and Anderson, L.R. (1985), Stochastic Analysis of Pore Pressure Uncertainty for the Probabilistic Assessment of the Safety of Earth Slopes, Soils and Foundations Journal, Vol. 25, No. 2, pp. 55-71.
2) Bergado, D.T. and Anderson, L.R. (1985), Stochastic Generation of Phreatic Surfaces Based on the Spatial Variability of the Permeability of the Soil, International Journal of Development Technology, Vol. 3, pp. 185-199.
3) Bergado, D.T., Khaleque, M.A., Neeyapan, R. and Chang, C.C. (1986), In-Situ Testing in Bangkok Subsoil, Geotechnical Engineering Journal, Vol. 17, No. 1, pp. 1-22.
4) Bergado, D.T. and Ju, Y-C. (1986), Probabilistic Modelling of Rockfills - A Case of Khao Laem Dam, Soils and Foundations Journal, Vol. 26, No. 4, pp. 183-202.
5) Bergado, D.T. and Selvanayagam, A.N. (1987), Pile Foundation Problems in Kuala Lumpur Limestone, Malaysia, Quarterly Journal of Engineering Geology, Vol. 26, No. 4, pp. 159-175.
6) Bergado, D.T. and Lam, F.L. (1987), Full Scale Load Test of Granular Piles with Different Densities and Different Proportions of Gravel and Sand on Soft Bangkok Clay, Soils and Foundations Journal, Vol. 27, No. 1 pp. 86-93.
7) Bergado, D.T. and Kang, K.Y. (1987), Improvement of Dispersive Soils by Mixing with Bangkok Clay or Bentonite, Geotechnical Engineering Journal, Vol. 18, No. 1, pp. 65-97.
8) Bergado, D.T. and Huan, N.M. (1987), Undrained Deformability and Strength Characteristics of Soft Bangkok Clay by Screw Plate Tests, Geotechnical Testing J, Vol. 10, No. 3, pp. 113-122

9) Bergado, D.T., Bukkanasuta, A. and Balasubramaniam, A.S. (1987), Laboratory Pull-out Tests Using Bamboo and Polymer Geogrid Including a Case Study, Geotextiles and Geomembranes Journal, Vol. 5, No. 3, pp. 153-189.
10) Bergado, D.T., Nutalaya, P., Balasubramaniam, A.S., Apaipong, W., Chang, C.C. and Khaw, L.G. (1987), Causes, Effects and Predictions of Land Subsidence in AIT Campus, Chao Phraya Plain, Bangkok, Thailand, Bulletin of the Assoc. of Eng'g. Geology, Vol. 25, No. 1, pp. 57-81.
11) Bergado, D.T., Miura, N., Chang, J.C. and Danzuka, M. (1988), Reliability Assessment of Test Embankments on Soft Bangkok Clay by Variance Reduction and Nearest-Neighbor Methods, Computers and Geotechnics, Vol. 4, pp. 171-194.
12) Bergado, D.T., Ahmed, S., Sampaco, C.L. and Balasubramaniam, A.S. (1990), Settlements of Bangna-Bangpakong Highway on Soft Bangkok Clay, ASCE Journal of Geotechnical Engineering Division, Vol. 115, No. 1, pp. 136-155.
13) Bergado, D.T., Singh, N., Sim, S.H., Panichayatum, B., Sampaco, C.L. and Balasubramaniam, A.S. (1989), Improvement of Soft Bangkok Clay Using Vertical Drains Compared with Granular Piles, Geotextiles and Geomembranes Journal, Vol. 9, No. 3, pp. 203-231.
14) Balasubramaniam, A.S., Bergado, D.T., Buensuceso, B.R. and Yang, W.C. (1989), Strength and Deformation Characteristics of Lime Treated Soft Clays, Geotechnical Engineering Journal, Vol. 20, No. 1, pp. 49-65.
15) Bergado, D.T., Chong, K.C., Daria, P.A.M. and Alfaro, M.C. (1990), Deformability and Consolidation Characteristics of Soft Bangkok Clay by the Screw Plate Tests, Canadian Geotechnical Journal, Vol. 27, No. 5, pp. 531-545.
16) Bergado, D.T., Asakami, H., Alfaro, M.C. and Balasubramaniam, A.S. (1991), Smear Effects due to Vertical Band Drains on Soft Bangkok Clay, ASCE Journal of Geotechnical Engineering Division, Vol. 117, No. 10, pp. 1509-1530.
17) Bergado, D.T., Shivashankar, R., Sampaco, C.L., Alfaro, M.C. and Anderson, L.R. (1991), Behavior of a Welded Wire Wall with Poor Quality Cohesive-Frictional Backfills on Soft Bangkok Clay (A Case Study), Canadian Geotechnical, Vol. 28, pp. 860-880.
18) Bergado, D.T., Daria, P.M., Sampaco, C.L. and Alfaro, M.C. (1991), Prediction of Embankment Settlements by In-Situ Tests, Geotechnical Testing J., Vol. 14, No. 4, pp. 425-439.
19) Bergado, D.T., Alfaro, M.C. and Chai, J.C. (1991), The Granular Pile; Its Present State and Future Prospects for Improvement of Soft Bangkok Clay, Geotechnical Engineering Journal, Vol. 22, No.2, pp. 143-175.
20) Bergado, D.T., Hardiyatimo, H.C., Cisneros, C.B., Chai, J.C., Alfaro, M.C. and Anderson, L.R. (1992), Pullout Resistance of Steel Geogrids with Weathered Clay as Backfill Materials, Geotechnical Testing Journal, Vol. 15, No. 1, pp. 33-46.
21) Bergado, D.T., Enriquez, A.S., Sampaco, C.L., Alfaro, M.C. and Balasubramaniam, A.S. (1992), Inverse Analysis of Geotechnical Parameters on Improved Soft Bangkok Clay, ASCE Journal of Geotechnical Engineering Division, Vol. 118, No. 7, pp. 1012-1030.
22) Bergado, D.T., Lo,K.H., Chai,J.C., Shivashankar, R., Alfaro,M.C.and Anderson, L.R. (1992), Pullout Tests Using Steel Geogrids Reinforcements with Low-Quality Backfill, ASCE Journal of Geotechnical Engineering Division, Vol. 118, No. 7, pp. 1047-1063.
23) Bergado, D.T., Chai, J.C., Abiera, H.O., Alfaro, M.C. and Balasubramaniam, A.S. (1993), Interaction Between Cohesive-Frictional Soil and Grid Reinforcements, Geotextiles and Geomembranes J., Vol. 12, No. 4, pp. 327-349.
24) Bergado, D.T., Mukherjee, K., Alfaro, M.C. and Balasubramaniam, A.S. (1993), Prediction of Vertical Band Drain Performance by Finite Element Method, Geotextiles and Geomembranes Journal, Vol. 12, No. 6, pp. 567-586.
25) Bergado, D.T., Macatol, K.C., Amin, N.U., Chai, J.C., Alfaro, M.C. and Anderson L.R. (1993), Interaction of Lateritic Soil and Steel Grid Reinforcement, Canadian Geotechnical Journal, Vol. 30, No. 2, pp. 376-384.
26) Bergado, D.T., Shivashankar, R., Alfaro, M.C., and Balasubramaniam, A.S. (1993), Pullout Behavior of Steel Grid Reinforcements in a Clayey Sand, Geotechnique Journal, Vol. 43, No. 1, pp. 589-603.
27) Bergado, D.T., Alfaro, M.C. and Balasubramaniam, A.S. (1993), Improvement of Soft Bangkok Clay Using Vertical Drains, Geotextiles and Geomembranes Journal, Vol. 12, No. 7, pp. 615-664.
28) Chai, J.C. and Bergado, D.T. (1993), Prediction of Partially Drained Behavior of Soft Clays Under Embankment Loading, Soils and Foundations, Vol. 33, No. 2, pp. 197-199.
29) Bergado, D.T. and Shivashankar, R. (1993), Pullout Capacity of Steel Grids in Lateritic Soil Backfill, Geotechnical Engineering Journal, Vol. 24, No. 1, pp. 77-95.
30) Loganathan, N., Balasubramaniam, A.S. and Bergado, D.T. (1993), Deformation Analysis of Embankments, ASCE J. of Geotechnical Engineering Division, Vol. 119, No. 8, pp. 1185-1206.
31) Chai, J.C. and Bergado, D.T. (1993), Some Techniques for FE Analysis of Embankment on Soft Ground, Canadian Geotechnical Journal, Vol. 30, pp. 710-719.

32) Chai, J.C. and Bergado, D.T. (1993), Performance of Reinforced Embankment on Muar Clay Deposit, Soils and Foundations, Vol 33, No. 4, pp. 1-17.
33) Bergado, D.T., Patron, B.C., Youngyongwatana, W., Chai, J.C. and Yudhbir (1994), Reliability-Based Analysis Embankments on Soft Bangkok Clay, Structural Safety J., Vol. 13, pp. 247-266.
34) Bergado, D.T. and Chai, J.C. (1994), Pullout Force-Displacement Relationship of Extensible Grid Reinforcements, Geotextiles and Geomembranes, Vol. 13, pp. 295-316.
35) Bergado, D.T., Long, P.V., Lee, C.H., Loke, K.H. and Werner, G. (1994), Performance of Embankment on Soft Bangkok Clay with High Strength Geotextiles, Geotextiles and Geomembranes Journal, Vol. 13, pp. 403-420.
36) Bergado, D.T., Chai, J.C. and Miura, N. (1995), FE Analysis of Grid Reinforced Embankment System on Soft Bangkok Clay, Computers and Geotechnics Journal, Vol. 17, pp. 447-471.
37) Alfaro, M.C., Miura, N. and Bergado, D.T. (1995), Soil-Geogrid Reinforcement Interaction by Pullout and Direct Shear Tests, Geotech. Testing Journal, Vol. 18, No. 2, pp. 157-167.
38) Chai, J.C., Miura, N., Sakajo, S., and Bergado, D.T. (1995), Behavior of PVD Improved Ground under Embankment Loading, Soils and Foundations, Vol. 35, No. 4, pp. 49-61.
39) Bergado, D.T., Long, P.V. and Balasubramaniam, A.S. (1996), Compressibility and Flow Parameters from PVD Improved Soft Bangkok Clay, Geotechnical Engineering Journal, Vol.27, No. 1, pp. 1-20.
40) Bergado, D.T., Chai, J.C. and Miura, N. (1996), Prediction of Pullout Resistance and Pullout Displacement Relationship of Inextensible Reinforcement, Soils and Foundations Journal, Vol. 36, No.4, pp. 11-22.
41) Bergado, D.T., Manivannan, R., and Balasubramaniam, A.S. (1996), Filtration Criteria of Prefabricated Vertical Drain Filter Jackets on Soft Bangkok Clay, Geosynthetics International Journal, Vol. 3, No. 1, pp. 63-83.
42) Long, P.V., Bergado, D.T. and Balasubramaniam, A.S. (1996), Stability Analysis of Reinforced and Unreinforced Embankment on Soft Ground, Geosynthetics International Journal, Vol. 3, No. 5, pp. 583-604.
43) Bergado, D.T., Manivannan, R. and Balasubramaniam, A.S. (1996), Proposed Criteria for Discharge Capacity of Prefabricated Vertical Drains, Geotextiles and Geomembranes Journal, Vol. 14, pp. 481-505.
44) Uddin, K., Balasubramaniam, A.S. and Bergado, D.T. (1997), Engineering Behavior of Cement-Treated Bangkok Soft Clay, Geotechnical Eng'g., Vol. 28, No. 1, pp. 89-119.
45) Chai, J.C., Miura, N., Bergado, D.T. and Long, P.V. (1997), Finite Element Analysis of Geotextile Reinforced Embankment Failure on Soft Subsoil, Geotechnical Engineering Journal, Vol. 28, No. 2, pp. 249-276.
46) Kim, S.R., Lin, D.G., Bergado, D.T. and Balasubramaniam, A.S. (1997), Critical State Models and Their Comparison with Triaxial Behavior of Soft Bangkok Clay, Geotechnical Engineering Journal, Vol. 28, No. 2, pp. 209-248.
47) Bergado, D.T., Chai, J.C., Miura, N. and Balasubramaniam, A.S. (1998), PVD Improvement of Soft Bangkok Clay using Combined Vacuum and Reduced Sand Embankment Preloading, Geotechnical Engineering Journal, Vol. 29, No. 1, pp. 95-122.
48) Bergado, D.T., Lin, D.G. and Nakamura, M. (1999), Evaluation of Silty Sand as Material Sand Compaction Piles and Applications, Ground Improvement, Vol. 3, No. 1, pp. 7-20.
49) Bergado, D.T., Ruenkrairergsa, T., Taesiri, Y. and Balasubramaniam, A.S. (1999), Deep Soil Mixing to Reduce Embankment Settlement, Ground Improvement J., Vol. 3, No. 3, pp. 1-18.
50) Abiera, H.O., Miura, N., Bergado, D.T. and Nomura, T. (1999), Effects of Using Electro-Conductive PVD with Consolidation of Reconstituted Ariake Clay, Geotechnical Engineering Journal, Vol. 30, No. 2, pp. 67-83.
51) Bergado, D.T., Balasubramaniam, A.S., Chishti, I.A., Ruenkrairergsa, T. and Yongyuth, T. (1999), Evaluation of the PVD Performance at the Second Bangkok Chonburi Highway (SBCH) Project, Lowland Technology International Journal, Vol. 1, No. 2, pp. 55-75.
52) Bergado, D.T., Voottipruex, P., Modmoltin, C. and Khwanpruk, S. (2000), Behavior of Wall Reinforced with Hexagonal Wire Mesh, Ground Improvement Journal, Vol. 4, No. 2, pp. 47-58.
53) Voottipruex, P., Bergado, D.T. and Ounchaichon, P. (2000), Pullout and Direct Shear Resistance of Hexagonal Wire Mesh Reinforcement in Weathered Bangkok Clay, Geotechnical Engineering Journal, Vol. 31, No. 1, pp. 43-62.
54) Ohtsubo, M., Egashira, K., Koumoto, T. and Bergado, D.T. (2000), Mineralogy and Chemistry, and their Correlation with the Geotechnical Index Properties of Bangkok Clay: Comparison with Ariake Clay, Soils and Foundations, Vol. 40, No. 1, pp. 11-21.
55) Bergado, D.T., Teerawattanasuk, C. and Long, P.V. (2000), Localized Mobilization of Reinforcement Force and its Direction at the Vicinity of Failure Surface, Geotextiles and Geomembranes Journal, Vol. 18, pp. 311-331.

56) Bergado, D.T., Balasubramaniam, A.S., Patawaran, M.A.B. and Kwunpruek, W. (2000), Electro-Osmotic Consolidation of Soft Bangkok Clay with Prefabricated Vertical Drains, Ground Improvement Journal, Vol. 4, No. 4, pp. 153-164.
57) Bergado, D.T., Teerawattanasuk, C., Youwai, S. and Voottipruex, P. (2000), FE Modeling of Hexagonal Wire Reinforced Embankment on Soft Clay, Canadian Geotechnical Journal, Vol. 37, No. 6, pp. 1-18.
58) Bergado, D.T., Teerawattanasuk, C., Wongsawanon, T. and Voottipruex, P. (2001), Interaction between Hexagonal Wire Mesh Reinforcement and Silty Sand Backfill, Geotechnical Testing Journal, Vol. 24, No. 1, pp. 26-41.
59) Bergado, D.T., Youwai, S., Hai, C.N. and Voottipruex, P. (2001), Interaction of Nonwoven Needle-Punched Geotextiles under Axisymmetric Loading Conditions with Application to Reinforced Unpaved Roads, Geotextiles and Geomembranes, Vol. 19, pp. 299-328.
60) Bergado, D.T., Voottipruex, P., Srikongsri, A. and Teerawattanasuk, C. (2001), Analytical Model of Interaction between Hexagonal Wire Mesh and Silty Sand Backfill, Canadian Geotechnical Journal, Vol. 38, pp. 782-795.
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