



Missouri University of Science and Technology Scholars' Mine

International Conference on Case Histories in **Geotechnical Engineering**

(1998) - Fourth International Conference on Case Histories in Geotechnical Engineering

08 Mar 1998 - 15 Mar 1998

List of Sessions

Multiple Authors

Follow this and additional works at: https://scholarsmine.mst.edu/icchge



Part of the Geotechnical Engineering Commons

Recommended Citation

Authors, Multiple, "List of Sessions" (1998). International Conference on Case Histories in Geotechnical Engineering. 2.

https://scholarsmine.mst.edu/icchge/4icchge/4icchge-schedule/2

This Article - Conference proceedings is brought to you for free and open access by Scholars' Mine. It has been accepted for inclusion in International Conference on Case Histories in Geotechnical Engineering by an authorized administrator of Scholars' Mine. This work is protected by U. S. Copyright Law. Unauthorized use including reproduction for redistribution requires the permission of the copyright holder. For more information, please contact scholarsmine@mst.edu.

Session I "Case Histories of Foundations"

R. David Charles	Case History of Two Buildings Experiencing Large Post Construction
(USA)	Settlements, Wilmington, Delaware. 1.01
A. B. Fadeev V.N. Paramonov V.K. Inozemtcev V.A. Lukin E.M. Perley (Russia)	Settlements of Neighboring Buildings During Piling Works. 1.04
Amer A. Al-Rawas M. Qamaruddin (Sultanate of Oman)	A Case Study on Expansive Soils and Rocks of Al-Khod in Northern Oman. 1.05
Braja M. Das (USA) Eun Chul Shin (South Korea)	Cyclic Load-Induced Settlement of Foundations on Clay. 1.07
John R. Davie Kenneth R. Bell M. B. Fitzsimmons Daniel A. Haggerty (USA)	Heavy Crane Foundations on Soft Clay. 1.09
Md. Nurul Amin Sabina Shahnaz Sonia Shahnaj (Bangladesh)	Performance of Bored Cast-In-Situ R.C.C. Piles in Bangladesh. 1.10
Chu-Eu Ho Ching-Heng Lim (Singapore)	Barrettes Designed as Friction Foundations: A Case History. 1.11
Bouafia Ali (Algeria)	Experimental Analysis of Large Lateral Displacements of Piles in Centrifuge. 1.12
K. M. Murtagh E. B. Kinner R. E. Bertolino C. Soydemir (USA)	Expansion and Rehabilitation of The State Fish Pier in Gloucester, Massachusetts. 1.13
D. S. Tolia (India)	Validity of Peck, Hanson and Thornburn's SPT Correction Method and Soil Pressure Chart. 1.16

Sven Hansbo Leif Jendeby (Sweden)	A Follow-Up of Two Different Foundation Principles. 1.17
J.L.M. Clemente A. Desai H. Senapathy L.W. Young, Jr. (USA)	Foundation Performance of Large Diameter Tanks. 1.18
F. Colleselli G. Cortellazzo (Italy)	Behavior of the Underpinning of a Building in Venice. 1.19
N. Thasnanipan W. Teparaksa A.W. Maung Ganeshan Baskaran (Thailand)	Design, Construction and Behavior of Bored Cast In-Situ Concrete Piles in Bangkok Sub Soil. 1.20
Alan J. Lutenegger Michael T. Adams (USA)	Bearing Capacity of Footings on Compacted Sand. 1.21
Nasser Massoudi (USA)	Foundation Construction on Random Fill. 1.22
Roy E. Olson Magued G. Iskander (USA)	Axial Load Capacity of Piles in Sand. 1.23
Gary Axelsson (Sweden)	Long-term Increase in Shaft Capacity of Driven Piles in Sand. 1.25
Carole L.B. Mitchell (USA)	Design and Construction of The Seattle Symphony's Benaroya Hall Above an Old Railroad Tunnel. 1.27
G. Ramasamy G. Kalaisclvan (India)	A Case Study on Settlement of Oil Storage Tank Foundations. 1.33
Martin B. Hudson (USA)	Osterberg Load Cell Testing of a Deep Reinforced Concrete Pile. 1.36
Gerald P. Raymond (Canada)	Track and Support Rehabilitation 1975 on Black Mesa & Lake Powell Railroad. 1.38
P. C. Su Y. C. Chen J. Lin C. F. Chen (Taiwan)	Soil Improvement for Storage Tank Foundations 1.40

W. Akili Shallow Foundations on a Diagenetic Limestone Robert M. Jackson Formation in Qatar. 1.41 (Qatar) Failure of Buildings on Mound- A Case Study. 1.42 U. N. Sinha (India) Jie Han Ground Modification by a Combination of Dynamic Compaction, Consolidation, and Replacement. 1.44 (USA) K. Zand Parsa Foundations Reinforcement of Old Ala Building, 1.47 (Iran) Sasha D. Milovic Calculated and Observed Settlements of Multistory Building Zuhtu S. Ozden Founded on Loess, 1.48 George S.W. Chow (Canada) Elias Sotiropoulos Foundation Problems of a Cable Stayed High Bridge Elias Alkalais and Its Approaches. 1.49 (Greece) Takahide Horiuchi Deformation Modulus of Soil at the Tip of a Bored Pile. 1.50 Yukihiko Kani (Japan) Raghu N. Dass Load Tests on Drilled Shafts for Highway Bridges. 1.52L Vijay K. Puri (Illinois) S. Sudarshan Restoration of Equalization and Aeration Tanks of Effluent Treatment C.S. Viswanatha Plant at the Mysugar Factory, Mandya, Karnataka, India. 1.54N T. S. Nagaraj (India) Shamsher Prakash Non-Linear Lateral Pile Deflection Predictions in Clays. 1.55 (USA) M. H. Chen (Taiwan)

Session II "Case Histories of Slopes, Dams and Embankments"

Buddhima Indraratna
I. W. Redana
(Australia)

Effect of Smear Due to Vertical Drains on the Behavior of Two Embankments
Constructed on Soft Clay. 2.04

David J. Kerkes Lessons Learned from the Analysis of a Wet Core Dam. 2.05 (USA)

Masaki Kawasaki Yoshikazu Yamaguchi Hitoshi Yoshida (Japan)	Grouting in Consideration of Predominant Direction of Joints in Rock Masses. 2.06
Indra Prakash A. B. Yyas (India)	Geotechnical Problems and Treatment of Weathered Rock Seams Occurring in the Foundation of Karjan Dam, Western India. 2.07
L. A. Bressani A. V. D. Bica W.Y.Y. Gehling M. R. Bianchini (Brazil)	A Slope Instability Case History Involving Swelling Clay in Southern Brazil. 2.10
Y. Yamaguchi Y. Imabayashi Hitoshi Yoshida T. Sakamoto (Japan)	Survey of Seepage Through Heightened Earthfill Dam with High-Density Electrical Prospecting Method. 2.11
Bujang B.K. Huat (Malaysia)	An Investigation of an Embankment Failure in Soft Clay. 2.14
A. K. Gupta D. S. Tolia (India)	Major Landslides in Sikkim-Analysis, Correction and Protective Measures: A Case Study. 2.15
Dipak Mukherjee Satish Kumar (India)	Use of Geofabrics for Controlling Landslides- Case Histories. 2.17
Isao Nagayama Michio Ota Yosuke Niitaka Masahiko Yamashita (Japan)	A Study on Prediction of Improvement of Watertightness of Rock Mass by Grouting. 2.18
Michael Long John Godden (Ireland)	The Performance of Turlough Hill Upper Reservoir. 2.20
A.N. Hussein (Malaysia) A. McGown (UK)	The Behavior of Two Trial Embankments at Perlis, Malaysia with Different Rates of Construction. 2.22

K. N. Gunalan Thomas S. Lee Si Sakhai (USA)	Stage 1 Geotechnical Studies for Interstate 15 Reconstruction Project, Salt Lake County, Utah. 2.24
Brent H. Carter Richard A. Link (USA)	Safety of Dams Modifications of Ochoco Dam Crooked River Project, Oregon. 2.25
Mary P. Perlea Kathleen E. Lust Robert L. Pearce Charles W. Detrick (USA)	Repair of Scour Holes and Levees after the 1993 Flood. 2.26
Richard L. Bateman Francke C. Walberg (USA)	Pile Design Procedure for Stabilizing Channel Slopes. 2.28
W. H. Gu R. F. Dawson N. R. Morgenstern P. K. Robertson (Canada)	A Case History of Liquefaction Flow Failures in Mountainous Mine Waste Dumps. 2.29
Dwikorita Karnawati (Indonesia)	Natural Slope Failure on Weathered Andesitic Breccia in Samigaluh Area, Indonesia. 2.34
Zbigniew Mlynarek Wojciech Tschuschke Jedrzej Wierzbicki (Poland)	Procedure for In-Situ Evaluation of Geotechnical Parameters of High Dams. 2.37
D. V. Singh Jai Bhagwan (India)	Case Study on Landslide Investigations in Himalayas. 2.38
Kishor Kumar R. K. Panigrahi (India)	Instrumentation, Monitoring and Analysis of A Landslide-A Case Study. 2.40
Russell L. Owens (USA)	Seismic Evaluation, Soil-Cement Mix Wall and Outlet Pipe Installation, Ivins Bench Dam, Utah. 2.43
E. Sotiropoulos P. Papanikolaou (Greece) B. Dendrou (USA)	Groundwater Conditions and Drainage of a Large Slide. 2.44

Anton Chirica Rolland Mlenajek Andrei Olteanu Cristian Banciu (Romania)	Study of Ground Movement in a Mining Area. 2.50L
Shri Pal (India)	Arresting the Moving Slopes of Andamans-A Case Study. 2.51L
W. Ken Beck (USA)	The Tale of Two Slides. 2.52L
Kenneth M. Berry Thomas L. Cooling (USA)	Landslides on Shale in Southern Illinois. 2.53
Khaldoun Fahoum Philip A. Jozwiak (USA)	Remediation of River Des Peres Slope Failure-A Case History. 2.56
Sanjeev Kumar (USA)	Stabilization of an Existing Slope Supporting Underground Storage Tanks at the Top. 2.58
	Session III "Case Histories of Geotechnical Earthquake Engineering"
Vassilios K. Magginas (USA)	
Vassilios K. Magginas	"Case Histories of Geotechnical Earthquake Engineering" Case History on the Foundation and Site Liquefaction Potential
Vassilios K. Magginas (USA) Gerald Kasman Marshall Lew Paul Elliott	"Case Histories of Geotechnical Earthquake Engineering" Case History on the Foundation and Site Liquefaction Potential Evaluation for the Renovation of a One-Hundred Year Old Building. 3.01 Investigation of Ground Cracking at the Van Gogh Street School,

Shyamal Mukerjee Bhagwat Lavania (India)	Soil Liquefaction in Nepal-Bihar Earthquake of August 21, 1988. 3.08
Katsumi Ozeki Ikuo Katayama (Japan)	On the Behavior of Longitudinal Strain of a Buried Pipe Subjected to Ground Spread Caused by Liquefaction Observed in Centrifuge Model Tests. 3.11
Jagadish R. Joshi Richard C. Lee (USA)	Ground Motion Measurements from the Demolition of Steel Towers. 3.15
Narendra Kumar V.K. Talwar R. K. Pal (India)	Sinkholes in Earth Dam Kota Barrage (India). 3.16
Masayuki Sato Hiroyuki Watanabe Satoshi Katayama (Japan)	Study on Mechanism of Caisson Type Sea Wall Movement During Earthquake. 3.18
Takahiro Sakata Kenji Matsui Yoshito Maeda Hidetoshi Ochiai (Japan)	Lateral Loading Tests in the Pit for A Large-Diameter Deep Pile. 3.19
Ray Knox David Stewart (USA)	Morphoseismic Features in the New Madrid Seismic Zone (Central USA) and their Implications for Geotechnical Engineering. 3.22
A. Elgamal R. Dobry Z. Yang (USA) E. Parra (Venezuela)	Soil Dilation and Shear Deformations During Liquefaction. 3.24

Session IV "Case Histories of Engineering Vibrations"

	"Case Histories of Engineering Vibrations"
Shamsher Prakash Y. Tseng (USA)	Predictions of Vertically Vibrating Foundation Response with Modified Radiation Damping. 4.02
Herke G. Stuit (The Netherlands)	Test Track Low Frequency Vibrations Reducing Measure Near Oosthuizen. 4.03
William J. Prosser George Manyando Thomas J. Mottin Gary M. Andruska (USA)	Vibration Mitigation for Brewery Stockhouse Demolition. 4.04
Hideo Tsuboi Tamotsu Matsui (Japan)	Case Histories and Vibratory Characteristics of Vibro-Driven Piles. 4.05
Yang Xianjian Jiang Bei (China)	Radiation Damping of Soil -Foundations Systems. 4.06
Kiyoshi Hayakawa Yukihiko Kani Noriyuki Matsubara Tamotsu Matsui (Japan) Richard Woods (USA)	Ground Vibrations Isolation by PC Wall-Piles. 4.07
Shamsher Prakash D.Nampoothiri	On Prediction of Dynamic Response of Horizontal Vibrations. 4.09

Session V "Case Histories of Retaining Structures and Deep Excavations"

M. S. Wang (China) X. Wu M. C. Wang (USA)	Failure of Excavation Bracing System for New World Plaza at Changchun in China. 5.01
Linbang Wang (USA)	An Anchored Band Bracing System for Deep Excavations in Clay. 5.02

(USA)

Wanchai Teparaksa Narong Thasnanipan Aung Win Maung Wei Shixin (Thailand)	Prediction and Performance of Short Embedded Cast In-Situ Diaphragm Wall for Deep Excavation in Bangkok Subsoil. 5.04
Young-Nam Lee Seung-Won Lee (Korea)	Excavation Behaviour of Soft Marine Clay Deposit in South Korea. 5.06
Carole L.B. Mitchell Monique A. Nykamp (USA)	Shoring Analysis, Design and Construction at the Seattle Symphony's Benaroya Hall. 5.08
Cai Yuanqiang Wu Shiming Chen Yunmin Xu Changjie (China)	Behavior of Double-Row Pile Retaining Structure for Deep Excavation in Soft Clay. 5.09
Kevin W. McLain (USA)	Soil Nailing: The MoDot Experience. 5.10
Xu Changjie Cai Yuanqiang Wu Shiming (China)	Behavior of Braced Deep Excavation in Soft Soils. 5.11
Jean-Claude Blivet Jean-Pierre Gourc (France)	Large Retaining Structure Reinforced by Geosynthetics French Case Histories. 5.12
Thomas S. Lee Steven H. Brandon (USA)	Geotechnical and Geologic Features of U.S. 189 in Provo Canyon, Utah. 5.13
Theodore A. Thomson,Jr. Alan J. Lutenegger (USA)	Passive Earth Pressure Tests on an Integral Bridge Abutment. 5.15
Minh Phong Luong (France)	Abnormal Wall Movements of a Steel Silo Caused by Paddy Rice Storage. 5.17
Wolfgang H. Roth Alexander Delnik (USA)	Numerical Modeling of a Crib-Wall Failure. 5.18
J. K. Jain A. K. Saxena Sanjay Kumar Shrivastava (India)	Pier Failure of Bridge and Geotechnical Investigation - A Case Study. 5.19L

Session VI

"Case Histories of Geological, Rock and Mining Engineering including Underground Structures and Excavations"

Structures and Excavations"		
Nina N. Fotieva Nikolay Bulychev (Russia)	Case Histories of Designing Tunnel Linings in Seismic Regions. 6.01	
B. Huang L. Mohammad (USA) Jianming Zhu Xiaoping Zhu (China)	Design, Construction and Monitoring for the Excavation of Shanghai World Plaza. 6.04	
David L. Mathews Vlad G. Perlea Francke Walberg Douglas R. Anderson (USA)	Erosion and Repair of Unlined Spillway Chute Excavated in Rock. 6.05	
Massoud Palassi John A. Franklin (Canada)	Tunnex: An Expert System for Tunneling Through Rock. 6.06	
R. K. Goel J. L. Jethwa A. K. Dube (India)	Experiences of the Support Designs in the Two Large Underground Openings in India. 6.07	
J. C. Chern C. W. Yu H. C. Kao (Taiwan)	Tunneling in Squeezing Ground. 6.08	
Siamac Vaghar Dan J. Bobrow (USA)	Comparison of Two Excavation Support Systems in Clay; Central Artery/Tunnel, Boston, Massachusetts, USA. 6.09	
Edmund Medley Christopher Delp (USA)	Of Sewers, Sinkholes, and Safes: The Investigation of the Sea Cliff Incident, December 11, 1995, San Francisco, California. 6.10	
Michael Kavvadas (Greece)	Analysis and Performance of the Natm Excavation of an Underground Station for the Athens Metro. 6.11	
Borut Petkovsek Lojze Bevc (Slovenia)	Remedial Works in the Ljubelj Tunnel. 6.12	
Paul M. Santi (USA)	Stability and Permeability of Fluid Retention Berms Constructed from Highly Weathered Bedrock. 6.16N	

S. Kwon J. W. Wilson (USA) Investigation of the Influence of the Clay Seams Around an Underground Excavation in Rock Salt. 6.17

A Computer Aided Rock Mass Classification for Rock Slopes. 6.18N

Hong Li Gang Li (China)

A Computer Aided Rock Mass Classification for Rock Slopes. 6.18N

Session VII

"Case Histories of Soil Improvement, Grouting, Geosynthetics, Dynamic Compaction, Vibroflotation,
Blasting and other Methods including Geo Economics"

I. I. Broid G. V. Melnik (Russia) Use of Jet Grouting Method for Elimination of Suffusional Destructions

of Sand Backfilling of Sheet Pile Wharf. 7.01

Suji Somasundaram Gamini Weeratunga

Gamini Weeratunga Kris Khilnani (USA) Ground Improvement at the Queensway Bay Downtown Harbor,

Long Beach, California. 7.03

G. Varosio (Italy)

(USA)

A Non Destructive Testing Program for a Group of Jet

Grouting Columns. 7.04

Joy J. Lee John M. Tehaney Selection and Design of Foundations for the I-15/US 95 Interchange,

Stage II Improvements - A Case Study. 7.05

Kaushik Mukherjee (India)

Performance Prediction and Uses of PV Band Drains under the

Embankments on Soft Marine Clays of Bangkok. 7.06

A. Benslimane

Seismic Retrofitting Using Micropile Systems Centrifugal Model Studies. 7.07

I. Juran S. Hanna S. Drabkin (USA)

S. Perlo R. Frank (France)

A. K. Gupta Lime Slurry Injection, Lime Piles and Stone Columns for

Satish Kumar Imp D. S. Tolia (India)

Improvement of Soft Soils- Field Trials. 7.10

John Conway (Puerto Rico) Tom Novak

(USA)

Grouting Evaluation Program of the Best Methods for Use of Microfine

and Portland Cements During Treatment of the Rock Foundation

at the Portugues Dam. 7.11

Kejing Chen Robert Lo (Australia) Huishan Liu (China)	Treatment of Soft Soils by Dynamic Compaction. 7.12
Xiaohong Bai Jungang Jia Qiuxue Yang (China)	A Case History of Ground Treatment for a Power Station in China. 7.13
Steven J. Winter Victor Omelchenko (USA)	Red Onion Mountain Maximum Security Prison- A Case Study in Ground Improvement. 7.14
Eun C.Shin Bang-Woong Shin (Korea)	Construction of Inchon International Airport. 7.17
Roberto A. Lopez Mathew J. Francis Kyle M. Rollins Scott W. Davis Zoran Batchko (USA)	Composite Ground Modification System: Vibroreplacement and Dynamic Compaction, Salt Lake County Detention Center, Utah. 7.18
Alan J. Lutenegger Gerald A. Miller (USA)	Tension Tests On Drilled Micropiles In A Stiff Clay. 7.20
A. K. Gupta Jai Bhagwan B. C. Joshi (India)	Observations on Landslide Incidences in Himalayas in Kashmir Area. 7.21
A.K. Gupta O.P. Yadav Jai Bhagwan (India)	Field Experiments on Jute Soil Stabilisers. 7.23
Carlos S. Oteo Jose M. Delgado German Burbano Luis M. Sopena (Spain)	Soil and Site Improvements of the Marsh Soils in Puerto De Santa Maria Highway (Cadiz, Spain). 7.24
Kyle Rollins Kenneth Murphy Shaun Dustin Jerry Bishop (USA)	Soil-Nailed and Tie-Back Wall Construction Using Hollow Nails. 7.25

Cameran Mirza (Canada) Robert K. Barrett (USA)	Guidelines for Sealing Geotechnical Exploratory Holes. 7.27	
Shri Pal (India)	Protection of Kamorta Island From Coastal Erosion - A Case Study. 7.34L	
Ion Stanculescu Florian Braniste Ion Borsaru (Romania)	Investigation of Landslides Affecting a Romanian Railway. 7.35N	
Mike Alizadeh Sanjeev Kumar (USA)	Soil Improvement in Flood Plain of the Mississippi River Using Pre-Load Fill. 7.37	
	Session VIII	
"Case	Histories of Forensic Engineering "Where Things Went Wrong"	
V. S. Hope C.R. I. Clayton M. C. Matthews (UK)	An Investigation into the Causes of Building Cracks on the Rear Scarp of a Major Landslip. 8.01	
J. Richard Cheeks (USA)	It's Not What You Pay; It's What It Costs You A Geotechnical Engineering Case Study. 8.02	
Walter W. Hays (USA)	Case Histories of Damaging Earthquakes. 8.04	
Matthew A. Dettman (USA)	Sinkhole Dropouts Due to Underground Utility Installation on Construction Sites. 8.06	
Wayne A. Ericson Ted J. Smith (USA)	Is It A Sinkhole? 8.08	
Session IX "Case Histories of New Solutions to Traditional Geotechnical Problems"		
Takaharu Shogaki Hayato Moro Minoru Matsuo (Japan)	Case Histories for Settlement Analysis in Ground Improved by Vertical Drain. 9.01	
Sudhir Mathur Praveen Kumar A.V.S. R. Murty (India)	Steel Industry-Wastes as New Materials for Road Construction. 9.03	

Ph Gotteland G. Bossonney D. Coulon (France)	An Ecotechnical Alternative: An Embankment of Incinerated Municipal Solid Waste. 9.04
Wei Xinjiang Xia Tangdai (China)	Research on Crack Depth Measurement in Concrete by Using Rayleigh Waves. 9.05
Thomas Blackburn Tom M. Farrell (USA)	Shopping Center Saved by Short Aggregate Piers. 9.06
John M. Benson Donald R. Snethen (USA)	Experimental Approach Embankments at Salt Fork River Bridges on US 177 and Their Initial Performance. 9.07
Anthony L. DiPiero Richard D. Lewis Robert Ross S. R. Honeycutt (USA)	Identification of Potential Seepage Locations Along the Herbert Hoover Dike, Lake Okeechobee FL.,by Electromagnetic Geophysical Method; Prediction and Confirmation. 9.08
T. C. Kim S. Q. Ahmad T. J. Kazmierowski (Canada)	A Case Study of the Application of Lightweight Fill for the Restoration of an Interchange Ramp. 9.10
Carsten H. Floess H.Moo-Young,Jr Thomas F. Zimmie Warren A. Harris,IV (USA)	A Municipal Landfill Cover with a Paper Sludge Barrier Layer. 9.13
Lenka S. Timiovska (Macedonia)	Geotechnical Risk and Reliability from Theory to Practice. 9.15
D. G. Anderson C. C. Sundberg R. J. Robertson (USA)	Failure of a Pipeline in an 800-Year Old Debris Fill. 9.16L
Anton Chirica Mircea Galer (Romania)	Stability Analysis Corresponding to a New Bridge Abutments. 9.17L

Session X

"Case Histories of Geotechnical and Hydrological Management and Remediation of Solid, Hazardous and Low-Level Radioactive Wastes, including Liner Cover Systems"

Y. Sheng P. Peter Y. Wei A. R. Milnes (Australia)	Capping of an Extremely Soft Neutralised Uranium Tailings - A Case History in Environmental Geomechanics. 10.01
Romeo Ciubotariu Marie Wilson (Canada) C. E. Schneeberger (Switzerland) William J. Hague (USA)	The Environmental Remediation of Clark Island -A Former Allied Signal, Inc. Site. 10.02
Ronald C. Chaney Kenneth Demars Gregory N. Richardson (USA)	Design of Contaminated Dredged Fills Utilizing Geosynthetics. 10.04
Niu Zhirong Zhou Changyong (China)	Case Histories of Two Kinds of Composite Foundation - Constructing Buildings Over-Crossing Canals. 10.05
Wayne R. Bergstrom Patrick Dugan (USA)	Test Fill to Determine the Compression Behavior of a Closed Industrial Waste Landfill. 10.07
D. L. Shah A. V. Shroff (India)	Effect of Effluents of Industrial Waste on Soil Properties (A Case Study of Nandesari Area, Vadodara). 10.08
F. Colleselli M. Macoratti (Italy)	A Particular Foundation Problem on a Waste Fill. 10.09
L.M. Pissarra N. Guedes J. Garrido M. L. Lopes C. C. Freitas (Portugal)	Alcanena Industrial Waste Landfill - Description of a Portuguese Case History. 10.10
Victor A. Modeer Mary C. Lamie (USA)	Regulatory, Environmental and Geotechnical Solutions to Construction of a Roadway Embankment over a Landfill. 10.11
Sanjeev Kumar	Procedure to Predict Settlement of Solid Waste Landfills Using Power Creep Law.

(USA)

10.12

Session XI

"Case Histories of Non-Destructive Evaluation of Drilled Shafts, Auger Cast Piles and Driven Piles"

Raymond J. Castelli

Pile Foundation Construction for the Buckman Bridge

Mohamad Hussein

Jacksonville, Florida. 11.01

(USA)

Narong Thasnanipan Aung Win Maung Ganeshan Baskaran Sonic Integrity Test on Piles Founded in Bangkok Subsoil Signal Characteristics and their Interpretations. 11.02

(Thailand)

Session XII SPECIAL SESSION "GEOTECHNICAL ENGINEERING PRACTICE IN THE 21st CENTURY"

Walter W. Hays Toward Earthquake Resilient Cities in the 21st Century:

(USA) Reduction of Community Vulnerability. 12.01