
Agenda Item 1 Activity Report 2008

Fiscal Year 2008 (1 Apr 2008 – 31 Mar 2009)

I. Research Activities

1. 2nd IPA Research Grant Award
 - 1-1. Schedule of 2nd IPA Research Grant Award

15th April	Call for research proposals
30th June	Submission deadline of proposals
28th October	Notification of successful applicants
11th and 12th December	Award ceremony in New Orleans, USA
2. Research paper of the 1st IPA Research Grant Award and presentations at 2nd IPA International Workshop.
3. Revised the “Map of Research and Development” and summarized site monitoring instrumentation technology
 - 3-1. Research committee members revised “2007 Map of Research and Development”
 - 3-2. Summarized monitoring instrumentation technologies on press-in execution then to practical use as the key themes of 2nd call for research proposals
4. Expand the network with mechanical engineering and instrumentation engineering
 - 4-1. Prepared for establishing Research Subcommittee, therefore Research Committee members were trying to contact specialists of site monitoring instrumentation technology and mechanical engineering

II. International Workshop Activities

1. Preparing for 2nd IPA International Workshop
 - 1-1. 14th April 2008, Prof. Bolton visited Japan to have a meeting with the IPA Secretariat and Award Committee to decide the detail of 2nd call for research proposals and IPA International Workshop
 - 1-2. 2nd September 2008, Mr Takuma, Mr Cater from Giken America Corporation and Dr Goh from Giken Asia visited Japan to have a meeting with the IPA Secretariat to prepare for 2nd IPA International Workshop
2. 2nd IPA International Workshop
 - 2-1. 11th to 12th December 2008, 2nd IPA International Workshop was held in New Orleans, Louisiana, U.S.A. Total 46 attendees from 7 countries
Contents in Workshop;
 - (1) 2nd General Assembly and the Board of Directors meeting
 - (2) 2nd IPA Research Grant Award Ceremony (5 proposals)

- (3) Presentation of 1st IPA Research Grant Award Winners (10 proposals)
- (4) Presentation of research collaboration of Giken and Cambridge University (3 presentations)
- (5) Presentation of the latest press-in engineering research (6 presentations)
- (6) Tour to press-in construction site (Site Guide: Giken America Corporation)

III. Committee Activities

1. The Board of Directors

1-1. The first Board of Directors meeting was held from 19th August to 15th September 2008.

The agenda was as follows;

- (1) Activity Report 2007
- (2) Income and Expenditure Account 2007
- (3) Activity Plan 2008
- (4) Income and Expenditure Budget 2008
- (5) Ask for IPA Directors' approval for the new members
- (6) Establishment of IPA Japan Branch

and all member agreed unanimously.

2. Administrative Committee

2-1. 24th June 2008, the first Administrative Committee meeting was held at Engineering Advancement Association of Japan. Attendees were Mr Tanaka, Administrative Committee Chairman, and 3 other members.

The agenda was as follows;

- (1) Decide the workshop in Kochi when Prof. Bolton visits in Summer
- (2) Establishment of IPA Japan Branch

2-2. 16th September 2008, second Administrative Committee meeting was held at Engineering Advancement Association of Japan. Attendees were Mr Tanaka, Administrative Committee Chairman, and 3 other members.

- (1) Prepare for 2nd IPA International Workshop; Budget, Interpretation
- (2) The agenda of General Assembly and the Board of Director members

3. Research Committee

3-1. 7th April 2008, the first Research Committee meeting was held at Engineering Advancement Association of Japan. Attendees were Dr Tagaya, Research Committee Chairman, and 3 other members.

The agenda was as follows;

- (1) Interim report of the 1st IPA Research Grant Award
- (2) Call for research proposals of 2nd IPA Research Grant Award
- (3) Establishment of Research Subcommittee for monitoring instrumentation

3-2. 20th August 2008, second Research Committee meeting was held at Engineering Advancement Association of Japan. Attendees were Dr Tagaya, Research Committee Chairman, and 3 other members.

The agenda was as follows;

- (1) Prepare for establishment of Research Subcommittee for monitoring instrumentation and mechanic

(2) The method of review Research paper of 1st IPA Research Grant Award

3-3. 9th September 2008, third Research Committee was held at Engineering Advancement Association of Japan. Attendees were Dr Tagaya, Research Committee Chairman, and 3 other members.

The agenda is;

(1) Program of 2nd IPA International Workshop

(2) The method of review 2nd IPA Research Grant Award

(3) The method of review Research paper of 1st IPA Research Grant Award

4. Award Committee

4-1. 30th September 2008, the first Award Committee meeting was held in Tokyo and Kochi with television conference. Attendees were Dr Tagaya, Award Committee Chairman, and 6 other members.

The agenda is;

(1) Review 2nd IPA Research Grant proposals

(2) Program and exhibition of 2nd IPA International Workshop

4-2. 10th October 2008, second Award Committee meeting was held in Tokyo and Kochi with television conference. Attendees were Dr Tagaya, Award Committee Chairman, and 9 other members.

The agenda is;

(1) The method of review 2nd IPA Research Grant proposals

(2) Others

4-3. 28th October 2008, third Award Committee meeting was held in Tokyo and Kochi with television conference. Attendees were Dr Tagaya, Award Committee Chairman, and 9 other members.

The agenda is;

(1) Final selection of 2nd IPA Research Grant proposals

(2) Report of the interim report from 1st IPA Research Grant Award

5. Public Relations Committee

5-1. 13th March 2009, the first Public Relations Committee was held in Tokyo and Kochi with television conference. Decide the method of updating articles of the IPA Website.

IV. Public Relations

1. Building up and updating the IPA Website

1-1. Updated articles of the IPA Website

2. News Release

2-1. 29th January 2009 in Tokyo and 4th February 2009 in Kochi, had a press conference about "Report meeting of 2nd IPA International Workshop" (Appendix 1: Publicity)

(1) Newspaper

- Nikkei Shikoku (2 February 2009)
- The Daily Engineering & Construction News (30 January 2009)

(2) Magazine

- Nikkei Construction (27 February 2009)
- Journal for Civil Engineers (23 February 2009)
- Engineering News Record (28 January 2009)

3. Lecture

- 3-1. 30th May 2008, Secretary General Dr Okumura lectured “Activities of IPA and Future Trend of Japanese Infrastructures” at the 2008 General Assembly of the JPA (Japan Press-in Pile Association).
- 3-2. 29th January 2009 in Tokyo and 4th February 2009 in Kochi, Secretary General Dr Okumura lectured “Report Meeting of 2nd IPA International Workshop”, which was recorded on the VTR and distributed to all Japanese branch offices of Giken Seisakusho Co., Ltd.

V. Service for IPA Members

1. Recruiting New Members

IPA Promotion Team from Giken Seisakusho Co., Ltd. supported to recruit new Individual Members and Corporate Members.

31st March 2009: Total of Individual member: 438
Total of Corporate member: 16
Total of Student Member: 2

2. Member's Card

IPA Secretariat bought a card printer to make the member's card.

VI. Branch Activities

1. Preparation for establishment of the IPA Japan Branch.

VII. Giken Seisakusho Co., Ltd. and IPA

1. IPA Promotion Team has been established in Giken Seisakusho Co., Ltd. on 10th July 2008.
2. IPA Promotion Team and IPA Secretariat
18th July 2008, IPA Promotion Team and IPA Secretariat meeting was held in Tokyo and Kochi with television conference.

Appendix 1 Publicity

<Newspaper>

- 2009.02.17 Kentsu Shinbun Chubu / Daily (Kentsu Shinbunsha)
- 2009.02.15 Kensetsu Kiso / Monthly (Kiso Journal)
- 2009.02.13 Kentsu Shinbun Tokyo / Daily (Kentsu Shinbunsha)
- 2009.02.13 Kentsu Shinbun Kagawa, Kochi, Tokushima, Ehime / Daily (Kentsu Shinbunsha)
- 2009.02.13 Kentsu Shinbun Okayama / Daily (Kentsu Shinbunsha)
- 2009.02.12 Kentsu Shinbun Osaka / Daily (Kentsu Shinbunsha)
- 2009.02.06 Japan Metal Bulletin / Daily (Sangyo Press Co., Ltd.)
- 2009.02.05 Nikkei Shikoku / Daily (The Nikkei - Shikoku)
- 2009.01.30 The Daily Engineering & Construction News / Daily (The Nikkan Kensetsu-Kogyo Shimbun, Ltd.)
- 2008.05.12 The Daily Engineering & Construction News / Daily (The Nikkan Kensetsu-Kogyo Shimbun, Ltd.)

<Magazine>

- 2009.04.01 Construction Machinery and Equipment / Monthly (Japan Industrial Publishing Co., Ltd.)
- 2009.03.02 The Foundation Engineering & Equipment / Monthly (Sogo Doboku Kenkyusho. Co.,Ltd.)
- 2009.02.27 Nikkei Construction / Twice a month (Nikkei Business Publications, Inc.)
- 2009.02.23 Journal for Civil Engineers / Monthly (INDEX Press)
- 2009.01.28 Engineering News Record / Weekly (The McGraw-Hill Companies)

Agenda Item 2 Income and Expenditure Account 2008

Fiscal Year 2008 (1 Apr 2008 – 31 Mar 2009)

(Unit: Japanese Yen)

Accounting Title	Budget	Actual	Variance	Note
I Operating Activity				
1 Operating Income				
① Entry Fee				
Corporate Member's Entry Fee	600,000	800,000	200,000	8 Companies
② Membership Subscription				
Individual Member's Annual Fee	4,210,000	4,380,000	170,000	438 Individuals
Corporate Member's Annual Fee	1,800,000	2,100,000	300,000	21 Lots
③ Donation				
Donation	6,000,000	4,974,350	(1,025,650)	
④ Miscellaneous Income				
Interest	0	14,050	(14,050)	
Total Operating Income	12,610,000	12,268,400	(341,600)	
2 Operating Expenditure				
① Project Expenditure				
2nd IPA Research Grants	6,000,000	4,974,350	(1,025,650)	
2nd IPA International Workshop	5,470,000	4,744,339	(725,661)	
Venue	1,120,000	1,396,847	276,847	
Banquet	750,000	606,230	(143,770)	
Hotel Rooms	2,000,000	1,446,121	(553,879)	
Int. Travel Expense (for Secretariat)	1,000,000	986,871	(13,129)	
Field Trip Expense	200,000	71,002	(128,998)	2 Buses
Documents	400,000	237,268	(162,732)	
The 1st IPA Research Full Papers (CD)	400,000	0	(400,000)	
Reward for Review Committee Members	200,000	200,000	0	
Reward for Research Committee Members	200,000	0	(200,000)	
Support for Site Monitoring	500,000	0	(500,000)	
② Management and General				
Revision of IPA Website	100,000	149,940	49,940	
Producing Membership Cards	50,000	37,170	(12,830)	
Printing Envelops and Covering Letters	50,000	51,450	1,450	
International and Domestic Postage Expenses	100,000	122,977	22,977	
Communication Expense	100,000	48,685	(51,315)	
③ Domestic Travel Expense				
Secretariat	300,000	326,356	26,356	
Research Committee Members	300,000	88,490	(211,510)	
④ Expense for Branch Activity	800,000	0	(800,000)	
Total Operating Expenditure	14,570,000	10,743,757	(3,826,243)	
Surplus / (Deficit) of Income over Expenditure	(1,960,000)	1,524,643	3,484,643	

(Unit: Japanese Yen)

Accounting Title	Budget	Actual	Variance	Note
II Investment				
1 Investment				
① Fixed Assets				
Fixed Deposit	0	4,000,000	4,000,000	
Total Investment	0	4,000,000	4,000,000	
Surplus / (Deficit) of Investment Activity	0	(4,000,000)	(4,000,000)	
III Contingency Expense				
Contingency Fund	100,000	100,226	226	
Research Contingency Fund	2,000,000	0	(2,000,000)	
Surplus / (Deficit) of the Current Year	(4,060,000)	(2,575,583)	1,484,417	
Balance brought from the Previous Year	4,579,900	4,579,900	0	
Balance carried forward to the Next Year	519,900	2,004,317	1,484,417	

監査の結果、重要な点において適正に表示しているものと認める。

2009年 月 日

監事 田中孝明 印 
監事 A.D.R.A.N HYDE 印 

In our opinion, the above statement of accounts are presented fairly in all material respects.

14/7, 2009.

Auditor

Auditor



Agenda Item 3 Activity Plan 2009

Fiscal Year 2009 (1 Apr 2009 – 31 Mar 2010)

I. Research Activity

1. Support 2nd IPA Research Grant Award Winners.
 - 1-1. Deciding Press-in Technical adviser to support 2nd IPA Research Grant Award Winners' research.
2. Supporting Individual and Corporate member's request to monitor the sites.
3. Having the research result of presentations at Research Committee and Japan Branch, make efforts to spread and enlighten Press-in Technology.
4. Publishing the 1st IPA Proceedings 2009.
5. Preparing for Call for Research Proposal of 3rd IPA Research Grant Award by Research Committee.
6. Establish new committee to prepare for making "Press-in Design Guideline", "Press-in Construction Guideline".

II. International Workshop Activity

1. Oct 2010, 3rd IPA International Workshop will be held in Asia
 - 1-1. Preparing for venue, contents of workshop, and site tour etc.
2. Selecting the place for 4th IPA International Workshop.
3. Strengthen network with other organization
 - 2-1. Exchange information with ASCE, DFI.

III. Committee Activity

1. Administrative committee's activity should be more actively and manage accounting to prepare for getting a corporate organization.
2. Establishing monitoring subcommittee and machinery subcommittee affiliated to research committee immediately.
3. Deciding officially public relations committee members and will promote the IPA actively, include updating webpage.

IV. Public relations

1. Updating Webpage and considering the content of members' page.
2. Send actively news releases for Newspaper and Magazines.
3. Have a lecture of the IPA activities at the JPA General Assembly.

V. Service for member

1. Recruiting new members, especially we will recruit new Corporate members.
2. The membership card will be renewal and reconsider to put expiry.

VI. Branch activities

1. Establishing Japan Branch and hold the general assembly in Japan to exchange the research information.
2. Planning to establish other branches.

Agenda Item 4 Income and Expenditure Budget 2009

Fiscal Year 2009 (1 Apr 2009 – 31 Mar 2010)

(Unit: Japanese Yen)

Accounting Title	Actual 2008	Budget 2009	Difference	Note
I Operating Activity				
1 Operating Income				
① Entry Fee				
Corporate Member's Entry Fee	800,000	300,000	500,000	3 Companies
② Membership Subscription				
Individual Member's Annual Fee	4,380,000	4,200,000	180,000	420 Individuals
Corporate Member's Annual Fee	2,100,000	2,100,000	0	21 Lots
③ Donation				
Donation	4,974,350	0	4,974,350	
④ Miscellaneous Income				
Interest	14,050	10,000	4,050	
Total Operating Income	12,268,400	6,610,000	5,658,400	
2 Operating Expenditure				
① Project Expenditure				
2nd IPA Research Grants	4,974,350	0	4,974,350	
2nd IPA International Workshop	4,744,339	0	4,744,339	
The 1st IPA Research Full Papers (CD)	0	0	0	
Reward for Review Committee Members	200,000	0	200,000	
Support for 2nd IPA Research Grant Winners	0	700,000	(700,000)	
Prepare for 3rd IPA International Workshop	0	700,000	(700,000)	
Reward for Research Committee Members	0	200,000	(200,000)	
Support for Site Monitoring	0	1,000,000	(1,000,000)	
② Management and General				
Revision of IPA Website	149,940	150,000	(60)	
Producing Membership Cards	37,170	60,000	(22,830)	
Printing Envelops and Covering Letters	51,450	70,000	(18,550)	
International and Domestic Postage Expenses	122,977	300,000	(177,023)	
Communication Expense	48,685	100,000	(51,315)	
③ Domestic Travel Expense				
Secretariat	326,356	500,000	(173,644)	
Research Committee Members	88,490	300,000	(211,510)	
④ Expense for Branch Activity	0	800,000	(800,000)	
Total Operating Expenditure	10,743,757	4,880,000	5,863,757	
Surplus / (Deficit) of Income over Expenditure	1,524,643	1,730,000	(205,357)	

(Unit: Japanese Yen)

Accounting Title	Actual 2008	Budget 2009	Difference	Note
II Investment				
1 Investment				
① Fixed Assets				
Fixed Deposit	4,000,000	0	(4,000,000)	
Total Investment	4,000,000	0	(4,000,000)	
Surplus / (Deficit) of Investment Activity	(4,000,000)	0	4,000,000	
III Contingency Expense				
Contingency Fund	100,226	100,000	(226)	
Research Contingency Fund	0	1,000,000	1,000,000	
Surplus / (Deficit) of the Current Year	(2,575,583)	230,000	2,805,583	
Balance brought from the Previous Year	4,579,900	2,004,317	(2,575,583)	
Balance carried forward to the Next Year	2,004,317	2,234,317	230,000	

Agenda Item 5 Election of Directors and Auditors

Pursuant to Article 15 of IPA Constitution, the following people are proposed as the new Directors and Auditors of IPA for the term from 1 April 2009 to 31 March 2011.

Candidates:

Board of Directors

Alphabetical order of family name in the same assignment

Assignment	Appointee	Position and Belonging Organization		
Chairman	Malcolm Bolton	GB	Professor	University of Cambridge
Vice Chairman	Robert D. Holtz	US	Professor	University of Washington
Vice Chairman	Kozo Tagaya	JP	Emeritus Professor	Kochi National College of Technology
Vice Chairman	Limin Zhang	HK	Associate Professor	The Hong Kong University of Science and Technology
Secretary General	Tadahiko Okumura	JP	Director Research	Engineering Advancement Association of Japan
Director	Peter R. Cali	US	Former U.S. Army Corps of Engineers	
Director	Leo A. Hubert, Jr.	US	Former U.S. Army Corps of Engineers	
Director	Takehiko Iizuka	JP	Fellow	The Japan Society of Mechanical Engineers
Director	Osamu Kusakabe	JP	Professor	Tokyo Institute of Technology
Director	Barry M. Lehane	AU	Professor	University of Western Australia
Director	Koichi Maekawa	JP	Professor	The University of Tokyo
Director	Kenichi Soga	GB	Professor	University of Cambridge
Director	A. F. van Tol	NL	Professor	Delft University of Technology
Director	David White	AU	Professor	University of Western Australia
Auditor	Adrian F. L. Hyde	GB	Professor	University of Sheffield
Auditor	Takaaki Tanaka	JP	Director	Giken Seisakusho Co., Ltd.

Appendix 2: New IPA Board of Directors' CV



Appendix 2 New IPA Board of Directors' CV

Curriculum Vitae

08 November, 2008

Peter R. Cali, Ph.D., P.E., Consulting Geotechnical Engineer

Expertise Geotechnical Engineering
Education Ph.D./1995/Civil and Environmental Engineering/Tulane University
M.S./1977/Civil Engineering/Tulane University
B.S./1973/Civil Engineering/ Tulane University
Registration Professional Engineer - Louisiana

Summary

Dr. Cali has more than 35 years of experience in geotechnical engineering related to shallow and deep foundations for dams, levees, floodwalls, and flood control structures. These projects have involved the evaluation of pile foundations, slope stability and seepage analyses, ground improvement, horizontal directional drilling and general geotechnical design issues. He has extensive experience in subsurface investigation, drilling and sampling techniques, and insitu and laboratory testing.

He served as Chief of the Dams, Levees, and Channels Section of the USACE New Orleans District; Lead Geotechnical Engineer for Task Force Guardian; and Lead Geotechnical Engineer for the Hurricane Protection Office before retiring from Federal service in 2007. Dr. Cali served as USACE New Orleans District Dam Safety Program Manager and on the national USACE Seepage Committee. He is now a geotechnical engineering consultant to the Corps of Engineers New Orleans District and the Hurricane Protection Office.

Dr. Cali taught as an adjunct professor in the Department of Civil and Environmental Engineering at Tulane University. He has served on the Board of Directors of the ASCE New Orleans Branch and as Chairman of the Geotechnical Committee. He delivered the State-of-the-Practice Report at the Deep Mix '05 conference in Stockholm in 2005. He was the recipient of the Deep Foundation Institute's Hal Hunt Award in 2006 and of the ASCE New Orleans Branch award for Outstanding Civil Engineer in 2002. He has also published many technical papers and provided lectures on various geotechnical engineering subjects.

Experience

President, Sea Level Engineering, LLC, 2007 - present

Contracts for professional geotechnical design services for USACE Hurricane Protection Office, USACE New Orleans District, USACE Jacksonville District, and private industry.

Assistant Chief, USACE Hurricane Protection Office, Technical Support Branch, 2006-2007

Managed team of professionals in support of engineering, real estate, and environmental phases for restoration of hurricane protection levees. Established policy and revised design criteria for levees and floodwalls.

Lead Geotechnical Engineer, USACE Task Force Guardian, 2005-2006

Directed engineering firms and in-house personnel for the geotechnical design and construction of hurricane protection levees and major flood control structures.

Acting Chief, USACE New Orleans District, Geotechnical Branch, 2005

Directed 42 in-house professionals and contract resources for subsurface investigation and testing, and for geotechnical and geoenvironmental design for the New Orleans District.

Chief, Dams, Levees, and Channels Section, USACE New Orleans District, Geotechnical Branch, 1997-2006

Directed 16 in-house professionals and contract resources for subsurface investigation and testing, and for geotechnical and geoenvironmental design for the New Orleans District.

Chief, Mississippi River Design, USACE New Orleans District, Geotechnical Branch, 1979-1997

Directed six design engineers performing geotechnical designs for levees, revetments, structures and environmental restoration features for the Mississippi River, Atchafalaya Basin, and Hurricane Protection System.

Staff Geotechnical Engineer USACE New Orleans District, Geotechnical Branch, 1973-1979

Designed flood control projects – structures, levees, channels, and environmental restoration features.

Professional Affiliations

Member, American Society of Civil Engineers, (ASCE); Association of State Dam Safety Officials, (ASDSO); Louisiana Engineering Society; Society of American Military Engineers

Selected Publications, and Lectures

Adams, T., Filz, G., Cali, P., and Woodward, M., Deformation and Stability Analyses of a Pile Supported T-Wall with Deep Mixed Shear Panels in Plaquemines Parish, Louisiana, in Proceedings of GEDMAR08, Nanning, China, June 2008

Adams, T., Filz, G., Cali, P., and Woodward, M., Stability Analyses of a Levee on Deep-Mixed Columns, Plaquemines Parish, Louisiana, GeoCongress08, New Orleans, Louisiana, March 2008

Cali, P.R., Hal Hunt Lecture 2006, Communicating Risk - Post Katrina, in Deep Foundations Institute Journal, Spring 2007, and presented at 31st Annual Conference on Deep Foundations, , Washington, D.C., Oct 2006

Bruce, D.A. and Cali, P.R., Design of Deep Mixing Applications - State of the Practice Report, in Proceedings of Deep Mixing '05, Stockholm, Sweden, Sept 2005

Cali, P.R., et al, Levee Stability Application for Deep Mixing - Design for Full Scale Test Section Using Dry Mixed Soil Cement Columns, in Proceedings of Deep Mixing '05, Stockholm, Sweden, Sept 2005

Cali, P.R., et al, Levee Stability Application for Deep Mixing – Conclusions from Test Section Using Dry Mixed Soil Cement Columns, in Proceedings of Deep Mixing '05, Stockholm, Sweden, Sept 2005

Cali, P. R. and Woodward, M., Levee Stability Application for Deep Soil Mixing, USACE Infrastructure Conference, Las Vegas, NV, May 2003; and at Louisiana Civil Engineering Conference, New Orleans, LA, Sept 2003

Cali, P. R., Soil Reinforcement Using Lime Cement Columns for the IHNC Lock Levees, Current Trends in the Engineering Design and Evaluation of Navigation Locks Workshop, Vicksburg, MS, Mar 2001

Cali, P. R., Horizontally Drilled Pipeline Crossings Beneath Flood Protection Levees, USACE Geotechnical Conference, Portland, Oregon, August 1999

Cali, P. R., Design and Construction of Flood Control Dykes, United Nations Development Program in Vietnam, New Orleans, La., Feb 1998

Cali, P. R., Flood-related Geotechnical Problems in NOD, Mississippi Valley Division Symposium, St. Louis, MO., Feb 1998

Cali, P. R., Effect of Vibrations on Point Bar Sands, ASCE La. Section Annual Meeting, 1997

Cali, P.R., Stabilization of a Creeping Slope Using Soil Nails, ASCE Journal of Geotechnical Engineering, Special Publications No. 59 & 61, ASCE, N.Y., N.Y., Nov 1996

Cali, P. R. and Bhattacharya, S. K., Degradation of PCP During Acidogenesis, In Proceedings of Third International Symposium on Bioreclamation, Battelle Press, April 1995

Cali, P. R., Riverfront Development, American Society of Civil Engineers N.O. Branch, Geotechnical Special Session, N.O., La., Oct 1994

Cali, P. R., Stability of the Mississippi River Levee System, Louisiana Engineering Society Annual Meeting, New Orleans, La., Apr 1982