

**International List of References for Micropiles
(status January 2012)**

Author/s	Original Title	Published in	2-Letter Keys, Words	Key	Country of author(s)	Year
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Lehtonen J., Aronsson S.	Grouting of Micropiles in Scandinavia.	Proc. 3rd Int. Conf. on Grouting and Ground Treatment, DFI, New Orleans	DT - grouted micropiles, drilled, impact driven	Finland	2003
Estephan R., Frank R., Degny E.	Effet d'inclinaison des micropieux dans un groupe. Approche par une méthode hybride	Proc. 13th ECSMG, Prague, August, vol. 2, pp. 541-546.		France	2003
Frank R.	Axial Resistance of Micropiles: from French to Eurocode Design	Proc. IWM 2003, Seattle, on CD-ROM, ADSC Tech.Library, Dallas TX, USA, 11 pp-f		France	2003
Le Kouby A.	Etude du comportement mécanique de micropieux sous chargements monotones et cycliques verticaux.	Thèse de Doctorat de l' ENPC		France	2003
Sadek M. (Machhour)	Development of an Incorporated Beam Element: Application on the Analysis of Micropiles Groups and Networks - Développement d'un Elément Poutre Incorporée - Application à l'étude des groupes et des réseaux de micropieux	Thèse de doctorat, Université des Sciences et Technologies de Lille, Juillet 2003		France	2003
Sadek M., Shahrour I.	Influence de l'inclinaison des micropieux sur leur comportement sismique	Proc. Congrès Français de Mécanique, Nice, Vol.1, 8p		France	2003
Sadek Marwan	Etude numérique du comportement des micropieux sous chargement sismique : Analyse de l'effet de groupe et de l'inclinaison	Thèse de doctorat, Université des Sciences et Technologies de Lille, Juillet 2003		France	2003
Shahrour I., Juran I.	Comportement sismique des micropieux	Aspects Dynamiques et Vibratoires en Génie Civil, 6 ^{ième} Colloque National de Génie Parasismique, Palaiseau, juillet, Vol.1, 8 p		France	2003

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Kishishita T. et al.	Dynamic Behavior of an Existing Foundation Reinforced with Micropiles <i>(in Japanese)</i>	Journals of the Japan Society of Civil Engineers no.745, 12p.		Japan	2003
Kishishita T. et al.	Seismic Retrofitting of the Existing Pile Foundation Using High -Capacity Micropiles <i>(in Japanese)</i>	Tsuchi-to-Kiso (Journal of Soil and Foundation), vol.51, no.3, 3p.		Japan	2003
Miura K.	Field Loading Test on Micropile Foundation Regarding the Effect of Prestress	Proc. 5 th IWM 2003, Seattle, on CD, ADSCTech.Library, Dallas TX, USA, 23 pp-f		Japan	2003
Miura K., Tsukada Y., Otani Y., Ishito M., You G-L	Model Loading Tests on the Footing Reinforced with Prestressed Micropiles	Proc. 5 th IWM 2003, Seattle, on CD, ADSCTech.Library, Dallas TX, USA, 6p.		Japan	2003
Otani Y., Hoshiya M.	Application of High - Capacity Micropiles for Seismic Retrofitting of Existing Water Service Tower in Japan	Proc. 5 th IWM 2003, Seattle, on CD, ADSCTech.Library, Dallas TX, USA, 17pp-f		Japan	2003
Otani Y., Miura K., Tsukada Y.	Large-scaled Field Loading Test on the Footing Reinforced with Prestressed Micropiles	Proc. 5 th IWM 2003, Seattle, on CD, ADSCTech.Library, Dallas TX, USA, 6p.		Japan	2003
Public Works Research Institute	Design and Execution Manual for Seismic Retrofitting of Existing Pile Foundations with High Capacity Micropiles	Proc. 5 th IWM 2003, Seattle, on CD, ADSCTech.Library, Dallas TX, USA, 118p.		Japan	2003
Sagara M., Shito K., Igase Y., Ohashi G., Saito E., Sasaya T., Hatano T., Maeda Y.	In-site Load Test of High Capacity Micropiles Foundation on Mountain Ground (2 nd)	Proc. 5 th IWM 2003, Seattle, on CD, ADSCTech.Library, Dallas TX, USA, 35 pp-f		Japan	2003

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Yamane T.	Construction Examples in Japan High Capacity Micropile	Proc. 5 th IWM 2003, Seattle, on CD, ADSCTech.Library, Dallas TX, USA, 20pp-f		Japan	2003
Ansari N., Bruce J.	Credit Valley Hospital Pre-loaded Micropiles for Vertical Expansion of Parking Garage	Proc. 5 th IWM 2003, Seattle, on CD, ADSCTech.Library, Dallas TX, USA, 24 pp-f		USA	2003
Bruce D.A.	A Little Reminder on The Proper Selection of Micropile Drilling Technique	Proc. 5 th IWM 2003, Seattle, on CD, ADSCTech.Library, Dallas TX, USA, 19pp-f		USA	2003
Bruce D.A.	Ground Improvement Technology Micropiles FHWA Short Course	Proc. 5 th IWM 2003, Seattle, on CD, ADSCTech.Library, Dallas TX, USA, 14 pp-f		USA	2003
Bruce D.A., Bruce M.E.	IWM 2003 5 th International Workshop on Micropiles, Seattle,WA (complete edition)	Proc. 5 th IWM 2003, on CD-ROM, ADSC Technical Library, Dallas TX, USA		USA	2003
Mason J.	Lizzi's Philosophy. Concepts to Practice (Lizzi Lecture)	Proc. 5 th IWM 2003, Seattle, on CD-ROM, ADSCTech.Library, Dallas TX, USA, 40p.		USA	2003
Smith G.	Rehabilitation of a Sinking Townhome	Proc. 5 th IWM 2003, Seattle, on CD, ADSCTech.Library, Dallas TX, USA, 49 pp-f		USA	2003
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Bruce J.	Pre-loaded Micropiles at Credit Valley Hospital –Revisited	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 14 pp-f	ES - a repair work with micropiles	Canada	2004

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Kast G.	Micropile Projects by DSI Canada Ltd.	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 46 pp-f	ES - 7 construction sites with Dywidag micropiles	Canada	2004
CEN TC 288	European Standard EN 14199:2004 Execution of special geotechnical works – Micropiles Date: 2004-12	Secrétariat: AFNOR, 93571 Saint-Denis La Plaine Cedex, France		European Community	2004
Koskinen M., Rantala J.	The PYRAMIT Project	Proc. IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 15 pp-f	AA, AR - field tests of Titan, RD piles; micropile foundations, vertically large, slender structures	Finland	2004
Lehtonen J.	Introduction to Micropile Activities in Nordic Countries	Proc. IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 7 pp-f	GO – applications, Nordic countries	Finland	2004
Lehtonen J.	Quality Assurance of Drilled Micropiles in Finland	Proc. IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 12 pp-f	SR – instructions, drilled piling, guidelines for design and implementation	Finland	2004
Lehtonen J.	DATU, Database on Turku Underpinning Projects	Proc. IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 28 pp-f	GT – applications, database Turku	Finland	2004
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Frank R.	Present Issues in Design and Construction of Micropile Systems	Proc. IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 17 pp-f	SR - standards and effects of execution	France	2004
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Herbst T.F.	A Further Step to the Data Base on Micropiles	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 24 pp-f	GO - proposal for a lay-out of a data base	Germany	2004
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Ischebeck E.F.	From Pipe Roofing to Composite Pile Roofing – First Site Experiences with Micropiles TITAN 40/16	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 15 pp-f	DT - design and application for tunnel roofing	Germany	2004
Rebstock D.	Hypoplastic Simulation of Piles and Column Foundations.	Proc. 16th European Young Geotechnical Engineers Conference EYGEC, . ÖIAV, Wien.(eds. H. Brandl, F. Kopf), S.303-312.	RR - research	Germany	2004
Vogt N.	Buckling of Micropiles in Soils with Low Shear Strength, Theory and Actual State of Experimental Research	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 39 pp-f	RR - research and laboratory full scale tests	Germany	2004
Wimmer H., Ettinger R.	Analysis of Bearing Load of Micropiles in Soft Cohesive Soils - Traglastberechnung von schlanken Verpresspfählen in weichen bindigen Böden	Journal Bautechnik, 81. Jahrgang, Heft 5, Ernst & Sohn Verlag, pp. 353-356.	RR	Germany	2004
Fukui J.	Micropiles in Japan	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 43 pp-f	RR, AS - design, research, application in Japan	Japan	2004
Ishida M.	Specifications for Highway Bridges	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 13 pp-f	SR - seismic design requirements	Japan	2004
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Morimasa S.	Topics on Micropiles in Japan	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 12 pp-f	AS - 2 construction exemples,	Japan	2004

Otani Y., Hoshiya M.	Construction of Data Base for High-Capacity Micropile Method	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 12 pp-f	GT - data-base for better design	Japan	2004
Sagara M., Hayashi J.	Quality Control of High Capacity Micropiles	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 26 pp-f	AS - seismic retrofit construction of a service water pond at kameido in tokyo	Japan	2004
Yamane T.	Micropile to Concrete Connection	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 12 pp-f	DT - micropile – precast concrete element connection	Japan	2004
	Videoclip: Bridge construction under rail traffic in Spain (Barcelona – Zaragoza line)	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, winamp	ES - bridge construction under rail traffic	Spain	2004
Turner M.	Micropiles – UK Trends	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 13 pp-f	GT - application trends	U.K.	2004
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Armour, T.A.	State of California Food & Agriculture Building Renovation	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 19 pp-f	AS - seismic retrofit	USA	2004
Bruce D. A., Weinstein G.M.	Quality Assurance and Monitoring of Micropiles	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 7 pp-f	ES - qa/qc strategies	USA	2004
Bruce D.A.	Development of ADSC-FHWA Micropile Teaching Module into NHI Course	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 13 pp-f	GO - courses on micropiles (non technical)	USA	2004
Cadden A., Gomez J.	Micropile Bond Strength to Concrete Fundamental Full Scale Test Program, Preliminary Results	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 11 pp-f	RR - bond tests with grout	USA	2004
Gómez J., Cadden A.W.	Buckling of Micropiles, The “Ghost”?	ADSC Journal “Foundation Drilling”, Febr. 2004, 6p.		USA	2004

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Loehr J.E.	Calibration of Design Methods for Slope Stabilization and Earth Retention	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 19 pp-f	RR - investigation of safety factor	USA	2004
Parra, J.R., Ang E.C., Loehr J.E.	Sources of Uncertainty in Lateral Resistance of Slender Reinforcement Used for Slope Stabilization	Proc.of Geo-Support 2004: J.P. Turner and P.W. Mayne, Editors, ASCE, GSP 124, pp.		USA	2004
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Wolosick J.R.	Micropile Foundations Johnson City Medical Center Johnson City, Tennessee	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 24 pp-f	AA - project report	USA	2004
Wolosick J.R.	Micropiles State of the Art Report Research and Practice Issues USA	Proc. 6 th IWM 2004, Tokyo, on CD, ADSC Tech.Library, Dallas TX, USA, 15 pp-f	GO - no technical report	USA	2004
Aschenbroich, H.	Recommendations for Installation, QA&QC and Testing of Injection Bored Hollow Bar Micro Piles and Soil Nails	Proc.Geo3 Conf., Editors D.A. Bruce and A.W.Cadden, Dallas/Ft. Worth, TX, USA, 14p.	DP, QC, TS	Canada	2005
Perlo S., Frank R., Degny E., Estephan R.	Analyse de groupes de micropieux sous charge transversale par une méthode hybride	Proc.16th, Osaka, september, pp. 2031-2034		France	2005
Rebstock D.	Micropiles under Static and Dynamic Load – Hypoplastic Simulation - Kleinbohrpfähle unter statischer und zyklischer Belastung - hypoplastische Simulationen.	Proc. Pfahl-Symposium 2005, Institut für Grundbau und Bodenmechanik der TU Braunschweig (eds. J. Stahlmann, J. Gattermann, M. Fritsch), S. 349-365.	RR - research	Germany	2005
Vogt N., Vogt S., Kellner C.	Buckling of Slender Piles in Soft Soils - Knicken von schlanken Pfählen in weichen Böden	Journal Bautechnik, 82. Jahrgang, Heft 12 Ernst & Sohn Verlag, pp. 889-901.	RR - research and laboratory full scale tests	Germany	2005
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Cadden, A.W., Bruce, D.A., Bean, J.J.	The Field Inspection and Documentation of Micropile Works	Proc.Geo3 Conf., Editors D.A. Bruce and A.W.Cadden, Dallas/Ft. Worth, TX, USA, 15p.	QC	USA	2005
Deschamps, R. Richards, T.D.	Installation, Measurement, and Interpretation of “Sister Bar” Strain Gauges in Micropiles	Proc.Geo3 Conf., Editors D.A. Bruce and A.W.Cadden, Dallas/Ft. Worth, TX, USA, 13p.	TS, QC	USA	2005
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Hajduk, E.L., Wright, W.B., Snow, W.L., Adams, J.C.	A Drop Weight Hammer for Dynamically Testing Micropiles in Charleston, SC	Proc.Geo3 Conf., Editors D.A. Bruce and A.W.Cadden, Dallas/Ft. Worth, TX, USA, 13p.	TS	USA	2005

Johnsen, L.F., Gallagher, M.J.	Proposed Micropile Section for the 2006 IBC	Proc.Geo3 Conf., Editors D.A. Bruce and A.W.Cadden, Dallas/Ft. Worth, TX, USA, 10p.	SR	USA	2005
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Wilder, D., Gómez, J., Cadden, A.W., Traylor, R.P., Pilkington, M.	Compressive Load Transfer in Micropiles through Concrete Footings: A Full Scale Test Program	Proc.Geo3 Conf., Editors D.A. Bruce and A.W.Cadden, Dallas/Ft. Worth, TX, USA ,18p.	TS	USA	2005
Fross M.	35 Years of Application of Micropiles in Austria	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA	AA -construction sites in Austria	Austria	2006
Bishop, J., Aschenbroich,H DeBernardi, B.	Class I and II micropiles with hollow bar reinforcement: Load tests and performance measurements	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 15p.	TS	Canada U.S	2006
Han, J., Ye, S.	A field study on the behavior of micropiles in clay under compression or tension	Canadian Geotechnical Journal, 43(1): p19-29		Canada	2006
Ramirez, D.	What we have learned about micropile behavior from field instrumentation	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 16p.	QC	Canada	2006
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Estephan R., Frank R., Degny E., Perlo S.	GOUPEG : Application de la méthode « hybride » pour le calcul du comportement des groupes et des réseaux élémentaires de micropieux	Bull. labos P. et Ch., n°260, janv.-fév.-mars,		France	2006
Brunner W.	Micropile Installation at Czar Palace, Russia	Proc. 7 th IWM, Schrobhausen, CD-ROM, ISM, Venetia, PA, USA	AA – construction site in Russia	Germany	2006
Dietz K., Schürmann A.	Foundation Improvement of Historic Buildings by Micropiles, Museum Island, Berlin and St. Kolumba, Cologne	Proc. 7 th IWM, Schrobhausen, CD-ROM, ISM, Venetia, PA, USA	AA -construction sites in Germany	Germany	2006
Dietz, K. Schürmann, A.	Foundation improvement of historic buildings by micropiles, Museum Island, Berlin and St. Kolumba, Cologne	Proc. 7 th IWM, Schrobhausen, CD-ROM, ISM, Venetia, PA, USA, 15p.	AA	Germany	2006
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Herbst, T.F.	Further Updates of the International List of References for Micropiles	Proc. 7 th IWM, Schrobhausen, CD-ROM, ISM, Venetia, PA, USA,	RR	Germany	2006
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Staudt H.	The Use of Micropiles to Reinforce Old Walls and Stabilize Steep Slopes in Quedlinburg, Germany	Proc. 7 th IWM, Schrobhausen, CD-ROM, ISM, Venetia, PA, USA	AA -construction sites in Germany	Germany	2006
Stuetzel F.	Micropiles using Higher Steel Grades – Spalling of the Grout cover	Proc. 7 th IWM, Schrobhausen, CD-ROM, ISM, Venetia, PA, USA	RR – stability of grout column	Germany	2006
Vogt S.	Buckling of Slender Piles in Soft Soils	Proc. 7 th IWM, Schrobhausen, CD-ROM, ISM, Venetia, PA, USA	RR – buckling, soft ground	Germany	2006
Vogt, S.	(2nd Lizzi Scholarship Recipient) Buckling of Slender Piles in Soft Soils	Proc. 7 th IWM, Schrobhausen, CD-ROM, ISM, Venetia, PA, USA , p	RR	Germany	2006
Wimmer H., Ofner R.	Analysis of the Bearing Capacity of Micropiles in Soft Soils - Traglastberechnung von Mikropfählen in weichen Böden	Journal „Bauingenieur“ 81, Jg (2006), pp. 53-60,	RR -	Germany	2006

Fukui, J.	3rd Lizzi Lecture: Performance of Seismic Retrofits with High Capacity Micropiles	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 14p.	AS	Japan	2006
Kawano T.	Development of Tower Height Raising Method by Use of Additional Foundations	Nippon Denro Technical Report, No.42, Page.1,3-17 (2006.01.01)		Japan	2006
Morimasa, S.	FEM simulation of the micropile footing under vertical and horizontal loads	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 6p.	PD	Japan	2006
Otani Y.	Reliability Based Design of High Capacity Micropiles	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 20p		Japan	2006
Sagara M.	Load Tests of High Capacity Micropiles on Site	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA	TS	Japan	2006
Bredenberg, H.	Influence of initial deflection on the bearing capacity for micropiles	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 12p.	RR	Sweden	2006
Woodfield, P. Hinton, M.	The good, the bad and the ugly – from the U.K.	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA,	AA	U.K.	2006
Allen, K..	ADSC Geo3 Field Day	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 10p.	QC	USA	2006
Anderson, S., Siel, B.	Micropiles and the FHWA: 30 years of implementation	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 7p.	GT	USA	2006
Bishop J., AschenbroichH DeBernardi B.	Class I and II Micropiles with Hollow Bar Reinforcement: Load Tests and Performance Measurements	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA	TS	USA, Canada, USA	2006
Boeckmann, A.Z. Deeken, J.J., Loehr, J.E.	Large-scale physical modelling of earth slopes stabilized with micropiles	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 13p.	RR	USA	2006
Bruce, D.A.	An education in micropiles: The expansion of the market in North America	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 9p.	GT	USA	2006
Cadden, A. Petrasic, K.	When is enough enough? SR 33 micropiles for bridge stabilization	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 10p.	AA	USA	2006
Davis, J.	Sonic drilling offers quality control and non-destructive advantages to geotechnical drilling on sensitive infrastructure sites	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 15p.	DT	USA	2006
Davis, J.	Micropile Installation School (AMPIS)	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA,	ES	USA	2006
Gómez, J. Cadden, A.	Micropile load transfer to concrete structures – bond stress research program report	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 64p.	PD	USA	2006

Nicholson, P.J. Pinyot, D.	The evolution of micropiles in America	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 14p.	GT	USA	2006
Taylor R.	Development and Testing of a Coaxial Strain Monitor for Self-boring Micropiles	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA		USA	2006
Vanderpool, M.	Observations from the instrumentation of micropiled and tiedback reticulated grid	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 19p.	TS	USA	2006
Wolosick, J., Pastore, J. A. Grant, M.L.	Macropiles™ – Ultra-high capacity micropiles for foundation support	Proc. 7 th IWM, Schrobenuhausen, CD-ROM, ISM, Venetia, PA, USA, 12p.	AA	USA	2006
Brandner A.	Micropiles in High Alpine Regions - A Story of Success	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		Austria	2007
Ansari N.	Overview of Field Activities and Design Challenge (for Micropiles)	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		Canada	2007
Aschenbroich H.	Advances in Hollow Bar Micropile Installation Techniques, Equipment, Materials, Testing and Monitoring	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		Canada	2007
Barua I.	Micropile Test Instrumentation at 8 th IWM, Toronto	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		Canada	2007
Bruce J.	Demonstration / Field Day 8 th IWM Toronto September 28, 2007	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		Canada	2007
El Nagggar H., Hinchberger S., Turan A.	Seismic Performance of a Single Micropile in Layered Soils	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		Canada	2007
Elkasabgy M.A., El Nagggar H.M.	Finite Element Analysis of the Axial Capacity of Micropiles	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		Canada	2007
Li J., Kast G.	30 Years of GEWI-Pile (Micropile) Applications in Canada	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		Canada	2007
Thomson P., Leew B., Zakeri A., Becker D., Bunce C., Dittrich P.	Axial Compression, Axial Tension and Lateral Load Response of Pre-Production Micropiles for the CPR Mile 62.4 Nipigon Subdivision Bridge	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		Canada	2007
Yacyshyn C.J.E	Cyclic Quasi-Static Load Tests on Micropiles	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		Canada	2007
Hattara J., Hyypä V., Lethonen J.	MIDA (Micropile Database)	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		Finland	2007
Herbst, T.F.	4th Lizzi Lecture: Historical Review and Analysis of 55 Years of Micropiles	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA	GT – historical review	Germany	2007

Ischebeck E.	Direct Drilled New Micropile TITAN 127/111 for Underpinning Roman Bullring in Barcelona, Spain	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA	AA - execution	Germany	2007
Hoshiya M.	Construction Outlook in Japan for Micropiles	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		Japan	2007
Sagara M., Hoshiya M.	Measurement for Landslide Slope Stability using High Capacity Micropiles	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		Japan	2007
Bredenberg H.	Scandinavian Drilled Micropile Walls	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		Sweden	2007
Bradshaw S.	Static Load Testing of Micropiles in Restricted Access	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		U.K.	2007
Hinton M.	Report on the ISM One Day Micropiling Course 6th to 17th November 2006	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		U.K.	2007
Turner M.	Interface Bond Values for Micropile Design	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		U.K.	2007
Bares F.	"Root Piles" (Micropiles) in the USA: Fondedile S.P.A. and Fondedile Corp.	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007
Bruce D.A., Duryee W., Middleton M.C., Myers T.J.	High Capacity Micropiles in Mined Ground for Bridge Support: A Case History of Investigation, Design, Construction and Performance - Paper 4: Load Testing	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007
Cadden A., Wilder D.	Micropile Growth Snapshot of the US Marketplace	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007
Duryee W.	Potential Stability Issues that could Affect Performance of Bridge Foundation Units with Micropiles	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007
Gómez J.E., Rodriguez C.J., Robinson H.D., Mikitka J., Keough L.	Hollow Core Bar Micropiles – Installation, Testing, And Interpretation of Design Parameters of 260 Micropiles	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007
Grant M., Bailey P., Stewart J.P., Galasso M.	Jet Grouted Micropiles for the I-90 Bridge over Sand Creek in Albany, NY.	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007
Holman T.P. Tuozzolo T.J.	Advanced Interpretation of Instrumented Micropile Load Tests	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007
Hoover S. E., Pease J. B.	Micropile Underpinning over Expansive Pyritic Shales	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007

Loehr J. E., Brown D.A.	A Method for Prediction of Micropile Resistance for Slope Stabilization	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007
Mitchell C., Mathieson W., Hopkins T.W.	Micropile Load Transfer Rates and Bond Stresses in the Puget Sound Region of Washington State	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007
Norrish N.I., Szturo J., Chuaqui M.	High Capacity Micropiles In Mined Ground For Bridge Support: A Case History of Site Investigation, Ground Characterization and the Evolution of Foundation Design and Treatment Concepts	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007
Richards T.D., Rothbauer M.J.	Lateral Loads on Pin Piles (Micropiles)	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007
Szturo J., Chuaqui M., Myers T., Middleton M.	Construction And Quality Assurance – Quality Control High Capacity Micropiles In Mined Ground For Bridge Support: Route 249/171 Jasper County, Missouri	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007
Weinstein G.M.	Long-Term Performance Assessment of Micropiles Subject to Cyclic Axial Loading	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007
Wolosick J.R., Bonar E., Nufer P.J.	Micropile Foundation Repair and Underpinning, Arts and Science Museum, University of Puerto Rico, Mayaguez	Proc. 8 th IWM, Toronto, CD-ROM, ISM, Venetia, PA, USA		USA	2007
Al Saleh H., Shahrour I.	Influence of plasticity on the seismic soil-micropiles-structure interaction	Journal Soil Dynamics and Earthquake Engineering. Vol. 29, No. 3, pp. 574-578		France	2009
Dr. Donald A. Bruce	5 th Lizzi Lecture: Micropiles in Middle Age: Triumphs, Failures and Challenges	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		U.S.A.	2009
Michael Turner	Geology and Micropiling in the U.K.	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		U.K.	2009
James Amos	4 th Lizzi Scholarship Recipient: Micropiles – The Green Choice	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		U.K.	2009
Nadir Ansari	International Society for Micropiles 2007 Workshop – Reflections from Toronto	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Canada	2009
Ernst Ishebeck	New Database for Drilled and Grouted Micropiles to Estimate Displacements	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Germany	2009
Dr. Jesús Gómez	Efficient Design of Vertical Micropiles to Lateral Loading	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		USA	2009
Dr. Roger Frank	Some Lessons Learnt from the French National Research Project on Micropiles	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		France	2009
Florian Stuetzel	DSI - Ductile Iron Micropile	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Germany	2009

Larry Johnsen	Video Inspection of Micropile Rock Sockets in New York City	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		USA	2009
Chris Irvin	The Use of Post-Grouting Systems for Micropiles	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		U.K.	2009
L. Begaj Qerimi	Assessment of Existing Foundations and Foundation Improvement using Micropile Groups	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		U.K.	2009
Changho Choi	Development of New Micropiling Method Enhancing Frictional Resistance with Geotextile Pack and Full Scale Load Tests for Micropiles	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Korea	2009
Mark Hinton	U.K. Micropiling Practice - Selected Case Studies	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		U.K.	2009
Dr. Jouko Lehtonen	Post-Underpinning Settlement of Micropile Underpinning Projects in Turku	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Finland	2009
Jim Bruce	Continuous Grout Flushed Micropile Foundations for a New Rail Overpass	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Canada	2009
José Matos e Silva	Alternative Solution for Drilled Micropiles for the Portimao Municipal Museum	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Portugal	2009
João Veludo	Bond Strength of Micropile/Grout/Concrete Interfaces in RC Footings Strengthened with Micropiles	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Portugal	2009
Dan MacLean	ADSC-DFI Micropile Committee – Recent Activities	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Canada	2009
Jennifer Kleih	Note to Actual Design of Micropiles Under Axial Cyclic Loading in Germany According to DIN 1054:2005-01 and Further Guidelines	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Germany	2009
Alexis Rose	Research Projects on Micropile Networks at City University	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		U.K.	2009
Dr. G. Mitchell Weinstein	Long-term Performance Assessment of Micropiles under Monotonic and Cyclic Axial Loading	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		USA	2009
Jaehyeung Jeoung	A Case Study of Micropiling in the Urban Environment	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Korea	2009
Stuart Bradshaw	Part 1 - Static Load Testing of Piles in Restricted Access - An Opportunity for Change	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		U.K.	2009
Jim Martin and Hugh St. John	High Capacity Micropile Groups for the Cannon Place Redevelopment in London	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		U.K.	2009
Mike Turner	Mixed Foundations Utilising Micropiles in Urban Redevelopments	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		U.K.	2009
Dr. Jouko Lehtonen	Duration of Micropile Underpinning Projects in Turku	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Finland	2009

Bill Telford	Pile Loading Tests of Titan Injection Micropiles at an Industrial Plant in North Vancouver	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Canada	2009
Wilhelm Rankka	In Situ Test of Steel Core Micropiles in Limestone Bedrock in Sweden	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Sweden	2009
Dr. Terence Holman	Pseudo-Elastic Response and Performance of Micropiles	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		USA	2009
Stuart Bradshaw	Part 2 - Static Load Testing of Piles in Restricted Areas - An Opportunity for Change	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		U.K.	2009
Glen Mann	Static "Micro" Micropile Load Capacity and Verification by Dynamic Load Testing	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		USA	2009
Cory Yacyshyn	A Decade of Micropile Load Hold Capacity Across Western Canada	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Canada	2009
Chris Irvin	Self-Drilled Hollow Bar Micropiles – Applications, Corrosion Protection and Specialist Measures Required for Load Testing	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		U.K.	2009
Andre Jaubertou	Drilled Micropiles – Design and Practice in France	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		France	2009
Shad Hoover	Design, Inspection and Construction Challenges of Installing Micropiles in Karst Terrain	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		USA	2009
Horst Aschenbroich	Stabilizing the Devil Slide with Hollow Bar, Grout Injection Bored (IBO) Micropiles for Caltrans	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		Canada	2009
Jerold Bishop	Support of an Excavation Face with Micropiles	Proc. 9th IWM, London, U.K., CD-ROM, ISM, Venetia, PA, USA		U.S.A.	2009
Dipl.-Ing Ernst F. Ischebeck	6 th Lizzi Lecture: Design of Direct Drilled and Continuous Flush Grouted Micropiles TITAN as Regulated in EU by National German Approval Z-34.14 – 209, DIBt	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		Germany	2010
Sherif Lotfy Abdelaziz	3 rd Lizzi Scholarship Recipient - Utilization of Micropiles for Heat Exchange: Virginia Tech Field Test	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Mark Hinton	ISM 9 th Workshop	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		UK	2010
Allen Cadden	The History of Micropiles in our Nations Capitol	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
John Wolosick	Foundation Remediation using Micropiles and LMG Grouting at Sandy Cove Condominium, Barbados	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010

Rob Jameson	Seismic Retrofit of an Underground Reservoir with Micropiles	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Dr. Terry Holman	Emergency Micropile Repair of the Birmingham Bridge	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Dr. Changho Choi	Field verification Study for Micropile Load Capacity	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		South Korea	2010
Alexis Rose	Modeling the Performance of Micropiles at Close Spacing	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		U.K.	2010
Prof. Alan Lutenegeger	Shaft Resistance of Grouted Helical Micropiles in Clay	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Dr. Thomas Herbst	Micropile Research at Technical University at Munich	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		Germany	2010
Andreas Brandner	Successful Slope Stabilization Under Severe Conditions Using Micropiles	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		Austria	2010
David Preece	Slope Stabilization of a Section of the Thirlmere Aqueduct by the Use of Spaced Micropiles and Permeation Grouting	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		UK	2010
Gary Quinn	Micropile Application in Salmon River Road Slope Stabilization	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Dr. Jesús Gómez	Micropiles Undetected - Bluff Stabilization on the Severn River	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Dr. Håkan Bredenberg	The RD-Micropile System	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		Sweden	2010
Andrew Burns	Hammer-grouted Micropiles at the Bronx-Whitestone Bridge	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010

Veikko Kuosa	Robit® Non-Stop Casing System for Anchoring and Micropiling	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		Finland	2010
Timothy Myers	miniJET® - A New Type of Micropile	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Tom Tuozzolo	Drill Bit Location - Rebuttal	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Ahmed Yehia abd Elaziz	Monotonic Axial Behavior of Hollow Core Micropiles	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		Canada	2010
John Rowley	Use of In-Place Inclinometers (IPI) during Lateral Load Testing of Micropiles	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Jon Bennett	ADSC-DFI Micropile Committee Update	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Mary Ellen Bruce	Development of Micropile Codes Internationally	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Mark Hinton	Development of Micropile Codes in UK	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		UK	2010
Jerry DiMaggio	LRFD the Facts and Misconceptions: Opportunities and Challenges for the Micropile Community	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Dr. James Mason	Reticulation and Research at University of Tennessee	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Tom Armour	Micropiles at Banjo Bill Rock Catchment Basins	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Horst Aschenbroich	Root Pile Support of Vancouver's Hollow Tree Parallels to Wind Turbine Foundations	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		Canada	2010

DC	Micropile Support of Three Undermined Buildings in Washington	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Jon Bennett	Hollow Bar Micropiles for Settlement Control in Soft Soils	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Prof. Balasingam Muhunthan	Influence of Sand State on Network Effect of Micropiles	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		USA	2010
Prof. Jouko Lehtonen	New Tool for Choosing Micropile Types: Decay Modeling of Wood Pile Foundations in Turku, Finland	Proc. 10th IWM, Washington, DC, USA, CD-ROM, ISM, Venetia, PA, USA		Finland	2010

2-letter key	Group theme
AA	Application, axial, case I, single + group
AR	Application, axial + lateral, case II, reticulated,
AS	Application, seismic securing + retrofitting
DP	Description of products
DT	Description of technology
ES	Execution on site
GO	General, other topics
GT	General, technology
PD	Procedures + design
QC	Quality control
RR	Research and results
SR	Standards, rules, guidelines
TS	Testing on site