

CUREE is a non-profit organization devoted to the advancement of earthquake engineering research, education, and implementation.

Please use the form on the back page when ordering. Prices subject to change. For more information, or to order by credit card, visit our website at: www.curee.org, click on "publications". If you have additional questions, please e-mail us at curee@curee.org

Calendars & Posters

Publication #	Description	Price
CP-05	2005 CUREE Calendar : The Expression of Seismic Design	\$ 10
CP-04	2004 CUREE Calendar : The Importance of the Development of Instruments In The History of Earthquake Engineering	\$ 5
CP-03	2003 CUREE Calendar : The Anatomy of Seismically Designed Structures	\$ 5
CP-02	2002 CUREE Calendar : The Establishment of NEES	O/P
CP-01	2001 CUREE Calendar : Significant Earthquakes in the United States	\$ 5
CP-00	2000 CUREE Calendar : Historic Developments in the Evolution of Earthquake Engineering	\$ 5
CP-99	1999 CUREE Calendar : 12-Month Historic Earthquake Destruction Photo Calendar	O/P
CP-98	1998 CUREE Calendar : Historic Developments in the Evolution of Earthquake Engineering	O/P
CP-97	1997 CUREE Calendar : 12-Month Historic Earthquake Destruction Photo Calendar	O/P
CP-P1	Earthquake Engineering in the 20th Century (Poster): a 24" x 36" poster highlighting major seismic events and technological breakthroughs in the field of earthquake engineering over the past 100 years.	\$ 5

Conference & Symposia Proceedings

Publication #	Description	Price
CS-01	Proceedings of the PRC-USA Bilateral Workshop on Seismic Codes - December 3-7, 1996 - Guangzhou, China, 1996, 307 pages	O/P
CS-02	Proceedings of the NEHRP Conference and Workshop on Research on the Northridge, California Earthquake of January 17, 1994 (Volumes I - IV) - 1998, 1200 pages <i>Special Reduced Price (reg. \$195)</i>	\$ 95
CS-03	Directory of Northridge Earthquake Research - 1998, 180 pages	O/P
CS-04	Proceedings of the October 27 - 28, 1995 CUREE-Caltech Symposium in Honor of George Housner - 1995, 87 pages	O/P
CS-05	Earthquake Engineering in the Next Millenium - Proceedings of the Symposium in Honor of Takuji Kabori - International Institute for Advanced Studies - Kyoto, Japan - November 7, 2000. 2001, 145 pages	O/P
CS-06	Proceedings of the UC Berkeley-CUREE Symposium in Honor of Ray Clough and Joseph Penzien - May 9-11, 2002, 2002, 154 pages <i>last copies</i>	\$ 25

The EERC-CUREE Symposium in Honor of Vitelmo V. Bertero, January 31- February 1, 1997 - (Report No. UCB/EERC-97/05). 1997, 228 pages

For ordering information, please contact the Pacific Earthquake Engineering Center (PEER), at 510-231-9468

An International Career: Haresh C. Shah - From the April 25-26, 1997 Symposium and Retirement Banquet in Honor of Professor Haresh C. Shah. 1997, 40 pages

For ordering information, please contact the John A. Bloom Earthquake Engineering Center, Stanford University, at 650-723-4150, or by e-mail at stovers@ce.stanford.edu

O/P - Photo copies of "Out of Print" items may be requested. Please contact us for an estimate of shipping and reproduction costs.

CUREE-Caltech Woodframe Project Publications

The CUREE-Caltech Woodframe Project is funded by the Federal Emergency Management Agency (FEMA) through a Hazard Mitigation Grant Program award administered by the California Governor's Office of Emergency Services (OES) and is supported by non-Federal sources from industry, academia, and state and local government. California Institute of Technology (Caltech) is the prime contractor to OES. The Consortium of Universities for Research in Earthquake Engineering (CUREE) organizes and carries out under subcontract to Caltech the tasks involving other universities, practicing engineers, and industry.

CUREE-Caltech Woodframe Project

Pub. #	Task #	Description	Price
W-01	Element 1	Proceedings of the Invitational Workshop on Seismic Testing, Analysis and Design of Woodframe Testing edited by F. Seible, A. Filiatrault, C.-M. Uang, 1999, 175 pages; editors' affiliation: UC San Diego. <i>Provides a baseline to practicing engineer, code official, industry, and researcher concerns vis-a-vis needed improvements .</i>	\$ 25
W-02	Task 1.3.2	Development of a Testing Protocol for Woodframe Structures H. Krawinkler, F. Parisi, L. Ibarra, A. Ayoub, and R. Medina, 2001, 74 pages; researchers' affiliation: Stanford University. <i>Establishes standard testing protocols for component cyclic tests and shake table system tests.</i>	\$ 25
W-03	Element 1	Woodframe Project Testing and Analysis Literature Reviews edited by A. Filiatrault, 2001, 222 pages; editor's affiliation; UC San Diego. <i>Element 1 of the CUREE-CALTECH Woodframe Project is devoted to Testing and Analysis, and for almost all the 23 individual investigations in this Element, a Literature Review task was required. This report compiles those reviews into a one-volume reference document. NOTE: THIS PUBLICATION IS AVAILABLE IN AN ELECTRONIC FORMAT ON CD ONLY.</i>	\$ 25
W-04	Element 2	Woodframe Project: Case Studies edited by G.G. Schierle, 2001, 433 pages; editor's affiliation: University of Southern California. <i>These Case Studies record in a consistent format studies of woodframe buildings damaged in the Northridge Earthquake of 1994. NOTE: THIS PUBLICATION IS AVAILABLE IN AN ELECTRONIC FORMAT ON CD ONLY.</i>	\$ 25
W-05	Task 1.1.1	Two-Story Single Family House Shake Table Test Data - 5 CD Set (see #W-06)	\$ 45
W-06	Task 1.1.1	Shake Table Tests of a Two-Story Woodframe House D. Fischer, A. Filiatrault, B. Folz, C.-M. Uang, and F. Seible, 2001, 611 pages; researchers' affiliation: UC San Diego. <i>Shake table experimentation was performed on a simplified full-scale two-story single-family house to quantify the building's overall dynamic responses for various construction configurations and to document how the distribution of forces within the structure may change between the various configurations. NOTE: THIS PUBLICATION IS AVAILABLE IN AN ELECTRONIC FORMAT ON CD ONLY.</i>	\$ 25
W-07		Fall/Winter 1999 / Summer 2000 - Earthquake Hazard Mitigation of Woodframe Construction J. Andrews - Contains (2) 15-minute videos (VHS format); editor's affiliation: Southern California Earthquake Center (SCEC). <i>Includes interviews shot on location at various Southern California earthquake-damaged retrofit construction sites. Plus full coverage from multiple camera angles of the final two-story house test at UCSD. (see #W-06)</i>	Call
W-08	Task 1.5.1	CASHEW - Version 1.1 - A computer program for the Cyclic Analysis of wood SHEarWalls B. Folz and A. Filiatrault (includes a 58-page report file on the CD-ROM); researchers' affiliation: UC San Diego. <i>A specialized computer platform for the nonlinear seismic analysis of woodframe buildings. Compiled to run on a Windows operating system. Requires at least 32 MB RAM with a pentium-based processor. Updated for Windows XP</i>	\$ 30
W-09	Element 2	Northridge Earthquake Field Investigations: Statistical Analysis of Woodframe Damage G.G. Schierle, 2002, 157 pages; researcher's affiliation: University of Southern California <i>Analysis of Northridge Earthquake damage data to clarify important relationships. This report focuses on woodframe residential buildings.</i>	\$ 40

CUREE-Caltech Woodframe Project (cont.)

Pub. #	Task #	Description	Price
W-10	Task 1.5.3	Reliability Studies D. Rosowsky and J. H. Kim, 2002, 60 pages; researchers' affiliation: Oregon State University <i>Studies modeling uncertainty analysis and response variability analysis, and develops a reliability-based approach to shearwall design/selection.</i>	\$ 25
W-11	Task 1.3.2	Dynamic Characteristics of Woodframe Structures J. Beck, V. Camelo, and J. Hall, 2002, 68 pages; researchers' affiliation: Caltech <i>Determine the dynamic characteristics (natural frequencies and damping) of woodframe structures and recommends period calculation methods for wood structures</i>	\$ 25
W-12	Task 1.5.4	Seismic Modeling of Index Woodframe Buildings H. Isoda, B. Folz, and A. Filiatrault, 2002, 144 pages; researchers' affiliation: UC San Diego. <i>Develops numerical models for deterministic nonlinear time-history analyses of four index woodframe buildings under various earthquake ground motions. Each index building is designed in detail to represent a typical kind and vintage of residential construction.</i>	\$ 30
W-13	Task 1.3.1	Cyclic Response of Woodframe Shearwalls: Loading Protocol and Rate of Loading Effects K. Gatto, C.-M. Uang, 2002, 231 pages; researchers' affiliation: UC San Diego. <i>Static and dynamic tests on woodframe shearwalls performed with the objective of a comparison of results given by the use of different protocols and loading rates.</i>	\$ 35
W-14	Task 1.4.1.1	Anchorage of Woodframe Buildings: Laboratory Testing Report J. Mahaney and B. Kehoe, 2002, 124 pages + CD-ROM; researchers' affiliation: Wiss, Janney, Elstner, and Associates. <i>Studies the cyclic behavior of sill plate-to-foundation anchorage connections for a wide range of anchorage configurations. Develops sill plate connections that do not exhibit brittle type failures.</i>	\$ 35
W-15	Task 1.4.6.1	Seismic Performance of Gypsum Walls: Experimental Test Program (see Report Analysis) K. McMullin and D. Merrick, 2002, 151 pages; researchers' affiliation: San Jose State University. <i>Investigations of seismic response and damage to gypsum drywall.</i>	\$ 30
W-16	Task 1.4.8.1	Nail, Wood Screw, and Staple Fastener Connections F. Fonseca, S. Rose, S. Campbell, 2002, 161 pages + CD-ROM; researchers' affiliation: Brigham Young University. <i>Establishes a database for sheathing-to-wood framing connections from which parameters necessary for modeling purposes can be extracted.</i>	\$ 40
W-17	Task 1.4.3	Seismic Behavior of Level and Stepped Cripple Walls Y. Chai, T. Hutchinson, and S. Vukazich, 2002, 153 pages; researchers' affiliation: UC Davis. <i>Characterize the in-plane seismic behavior of cripple walls based on experimentation with full-scale foundation-wall specimens.</i>	\$ 35
W-18	Task 4.1	Improving Loss Estimation for Woodframe Buildings K.A. Porter, J.L. Beck, H.A. Seligson, C.R. Scawthorn, L.T. Tobin, R. Young, and T. Boyd, 2002, 293 pages; researchers' affiliation(s): Caltech, EQE International, Tobin & Assoc., and Young & Assoc. <i>Builds on experimental and analytical studies (see W-8 and W-12) to predict damage and dollar loss for several index buildings and earthquakes, with and without retrofits or enhancements.</i>	\$ 45
W-19	Task 1.1.2	Seismic Evaluation of an Asymmetric Three-Story Woodframe Building K.M. Mosalam, C. Machado, K.-U. Gliniorz, C. Naito, E. Kunzel, and S. Mahin; 2003; 279 pages; researchers' affiliation: UC Berkeley. <i>Shake table tests of a full-scale three-story multi-family building with tuck-under parking. The building was designed and constructed to represent 1960's engineering practice. In addition to testing the original building, a rehabilitated building was tested using a moment-resisting steel frame.</i>	\$ 45

O/P - Photo copies of "Out of Print" items may be requested. Please contact us for an estimate of shipping and reproduction costs.

CUREE-Caltech Woodframe Project (cont.)

Pub.#	Task #	Description	Price
W-20	Task 1.4.7	Evaluation of Fluid Dampers for Seismic Energy Dissipation M. Symans, K. Fridley, W. Cofer, and Y. Du; 2002; 72 pages; researchers' affiliation: Washington State University. <i>Analytically investigates the suitability of fluid dampers for seismic protection of light-framed wood buildings.</i>	\$ 25
W-21	Task 1.5.1	SAWS - Version 1.0 - A computer program for the Seismic Analysis of Woodframe Shearwalls B. Folz and A. Filiatrault; 2003; 58 pages (includes CD-ROM); researchers' affiliation: UC San Diego. <i>A specialized computer platform for the nonlinear seismic analysis of woodframe buildings. Compiled to run on a Windows operating system. Requires at least 32 MB RAM with a pentium-based processor. Updated for Windows XP</i>	\$ 30
W-22	Task 1.4.8.2	Inter-Story Shear Transfer in Woodframe Buildings K. Fridley, T. Ryan, D. Pollock, & R. Itani; 2003; 96 pages; researchers' affiliation: Washington State University. <i>Experimentally evaluate the inter-story shear transfer mechanism in wood-frame buildings.</i>	\$ 25
W-23	Task 1.4.6.1	Seismic Performance of Gypsum Walls - Analytical Investigation G. Deierlein and A. Kanvinde; 2003; 111 pages; researchers' affiliation: Stanford University. <i>Develops response and damage modeling that can be incorporated in simulation studies. Based on the experimentation reported in W-15.</i>	\$ 30
W-24	Task 1.4.1.2	Seismic Behavior of Base-Level Diaphragm Anchorage of Hillside Buildings Y. Xiao and L. Xie; 2003; 106 pages; researcher's affiliation: University of Southern California. <i>Studies the behavior of diaphragm-to-foundation connections that are typical in hillside construction, and compares the efficiency of retrofit measures as recommended in the Los Angeles City ordinance.</i>	\$ 30
W-25	Task 1.4.4	Testing and Analysis of One-Story and Two-Story Shear Walls Under Cyclic Loading G. Pardoen, A. Waltman, R. Kazanjy, E. Freund, and C. Hamilton; 2003; 207 pages (includes 2-CDs containing additional photos, graphed test results and raw test data) researcher's affiliation: UC Irvine. <i>Complements the separate City of Los Angeles shear wall project; provides a comparison to the behavior of the UCSD two-story house's shear walls (see W-06), evaluate the hysteretic behavior designed to current code requirements, evaluate the effects of perforations, composite behavior, and aspect ratio.</i>	\$ 50
W-26	Task 1.5.2	Seismic Demands for Single- and Multi-story Wood Buildings H. Krawinkler, F. Zareian, L. Ibarra, R. Medina, and S.-J. Lee; 2003; 146 pages; researcher's affiliation: Stanford University. <i>Investigates seismic demands (deformations and forces) on the main components of the lateral-load resisting systems of woodframe construction by means of a number of inelastic time history studies of different structures and earthquakes.</i>	\$ 30
W-27	Task 1.4.2	Design Methodology for Diaphragms J. D. Dolan, D. Carradine, S. Easterling, and W. Bott; 2003; 150 pages; researcher's affiliation: Washington State University. <i>Experimentally investigates performance of diaphragm-to-shear wall connections.</i>	\$ 30
W-28	Task 1.4.8.3	Cyclic Response of Shear Transfer Connections Between Shear Walls and Diaphragms in Woodframe Construction S. Ficcadenti, E. Freund, G. Pardoen, and R. Kazanjy; researcher's affiliation: UC Irvine. <i>Connection tests to determine the performance of several diaphragm-to-shear wall connections.</i>	\$ 25
W-29		Design Documentation of the Woodframe Project Index Buildings R. Reitherman and K. Cobeen; 2003; 258 pages; researcher's affiliation: CUREE and Cobeen and Assoc. <i>Includes CD containing Cost Estimation files, AutoCAD files, 3D animations and illustrations.</i>	\$ 35
W-30	Element 3	Recommendations for Earthquake Resistance in the Design and Construction of Woodframe Buildings K. Cobeen, J. D. Dolan and J. Russell; 2004; 700 pages total. <i>Two-volume set. Volume One: Recommendations / Volume Two: Topical Discussions</i>	\$ 80

CUREE-Kajima Joint Research Program Publications

Joint Research Program, which began in 1996, is funded by the Kajima Corporation of Japan and involves collaborative studies among CUREE and Kajima researchers.

CUREE-Kajima Joint Research Program - Phase I Reports

Publication #	Description	Price
CKI-01	Analytical and Experimental Studies into the Identification and Control of Intelligent Structural Systems , by A.M. Abdel-Ghaffar, S.F. Masri, R. Miller, I. Nishimura, J.L. Beck, T. Caughey, W.D. Iwan, Y. Takenaka, N. Koshika, H. Ishida, K. Yamada, M. Ishida, K. Yoshikawa, Y. Ikeda, N. Kurata, 1991, 220 pages	O/P
CKI-02	Dynamic Interaction Between Pile Group and Non-Linear Soil , by R.F. Scott, K.M. Romstad, B.L. Kutter, B. Hushmand, K. Miura, Y. Miyamoto, K. Suzuki, K. Masuda, S. Uchiyama, 1991, 244 pages	O/P
CKI-03	Estimation of Local Site Effects on Strong Ground Motion , by K. Aki, T. Teng, T. Ohta, M. Niwa, M. Takemura, K. Kato, T. Ikeura, K. Urao, M. Miyamura, E. Shima, 1991, 234 pages	O/P
CKI-04	Hysteresis Modeling of Reinforced Concrete Members Subjected to Combined Loading , by S.A. Mahin, C. Thewalt, C. Yin, B. Stojadinovic, Y. Murayama, S. Tokuyama, K. Furuichi, H. Ukon, Y. Hishiki, N. Inoue, 1991, 190 pages	O/P
CKI-05	The Long Road from Engineering Research to Application , by H. Lagorio, R. Olson, S. Scott, K. Mizukoshi, M. Miyamura, K. Yamada, M. Nakahara, H. Ishida, Y. Miura, 1991, 82 pages	O/P
CKI-06	Amplification of Strong Ground Motion Due to Local Site Conditions , by A.S. Kiremidjian, S. King, H. Shah, M. Sugito, M. Motosaka, A. Yamada, Y. Ohtsuka, M. Kamata, Y. Tsuji, 1992, 194 pages	O/P
CKI-07	Building-Foundation-Soil Interaction Effects , by K. Miura, Y. Miyamoto, A. Yamada, M. Nagano, Y. Sako, Y. Hyodo, K. Masuda, T. Maeda, E. Kitamura, K. Suzuki, Y. Suzuki, A. Fukuoka, G.R. Martin, R. Borja, H.A. Smith, J.P. Bardet, S.W. Chi, Q. Quang, 1992, 304 pages	O/P
CKI-08	Design Guidelines for Ductility and Drift Limits (Part A) , by V.V. Bertero, G.C. Hart, J.C. Anderson, H. Krawinkler, J.P. Moehle, E. Miranda, A. Nassar, M. Rahnama, C. Ekwueme, T. Sabol, N. Tanaka, N. Inoue, T. Fukuda, H. Hatamoto, Y. Sunasaka, S. Ohru, T. Tsujimoto, 1992, 224 pages	O/P
CKI-09	Design Guidelines for Ductility and Drift Limits (Part B) , by V.V. Bertero, J.C. Anderson, H. Krawinkler, E. Miranda, A. Nassar, M. Rahnama, N. Tanaka, N. Inoue, T. Fukuda, H. Hatamoto, Y. Sunasaka, S. Ohru, T. Tsujimoto, 1992, 356 pages	O/P
CKI-10	Design Guidelines for Ductility and Drift Limits (Part C) , by V.V. Bertero, J.C. Anderson, E. Miranda, N. Tanaka, N. Inoue, T. Fukuda, H. Hatamoto, Y. Sunasaka, S. Ohru, T. Tsujimoto, 1992, 364 pages	O/P
CKI-11	Design Guidelines for Ductility and Drift Limits (Part D) , by G.C. Hart, J.P. Moehle, C. Ekwueme, T. Sabol, X. Qi, N. Tanaka, N. Inoue, T. Fukuda, H. Hatamoto, Y. Sunasaka, S. Ohru, T. Tsujimoto, 1992, 248 pages	O/P
CKI-12	Estimation of Long Period Ground Motion , by T. Teng, K. Aki, X. Chen, Y. Hisada, K. Kato, H. Kanamori, D. Helmberger, D. Dreger, M. Takeo, M. Niwa, M. Motosaka, M. Takemura, K. Urao, T. Ikeura, M. Kamata, H. Yamanaka, O. Sugawara, M. Miyamura, 1992, 480 pages	O/P
CKI-13	Multidisciplinary Strategies for Earthquake Hazard Mitigation - Earthquake Insurance , by H. Lagorio, R. Olson, S. Scott, K. Goettel, K. Mizukoshi, M. Miyamura, Y. Miura, T. Yamada, M. Nakahara, H. Ishida, 1992, 198 pages	O/P
CKI-14	Passive Control Of Highway Structures — Improvement of Earthquake Resistance of PC Cable-Stayed Bridges by Hysteresis Type Damper and Tuned Mass Damper , by T. Takeda, S. Tokuyama, M. Iizuka, T. Ichinomiya, T. Arita, K. Kanda, K. Yamada, H. Ukon, Y. Okimi, H. Okamoto, A.M. Abdel-Ghaffar, S.F. Masri, H.-E. Ali, R. Villaverde, S.C. Martin, 1992, 190 pages	O/P
CKI-15	Passive Control Of Highway Structures — Two Shake Tables Experimental Studies of the Effectiveness of Damping-Augmentation Devices in Cable-Stayed Bridges (Volume 1) , by A.M. Abdel-Ghaffar, S. Masri, H.-E. Ali, R. Villaverde, S.C. Martin, T. Takeda, S. Tokuyama, M. Iizuka, T. Ichinomiya, T. Arita, K. Kanda, K. Yamada, H. Ukon, Y. Okimi, H. Okamoto, 1992, 290 pages	O/P

O/P - Photo copies of "Out of Print" items may be requested. Please contact us for an estimate of shipping and reproduction costs.

CUREE-Kajima Joint Research Program - Phase I Reports (cont.)

Publication #	Description	Price
CKI-16	Passive Control Of Highway Structures — Two Shake Tables Experimental Studies of the Effectiveness of Damping–Augmentation Devices in Cable–Stayed Bridges (Volume 2) , by A.M. Abdel-Ghaffar, S.F. Masri, H.-E. Ali, R. Villaverde, S.C. Martin, T. Takeda, S. Tokuyama, M. Iizuka, T. Ichinomiya, T. Arita, K. Kanda, K. Yamada, H. Ukon, Y. Okimi, H. Okamoto, 1992, 290 pages	O/P
CKI-17	Passive Control Of Highway Structures — Use of Damped Resonant Appendages to Augment Damping in Cable-Stayed Bridges: A Feasibility Study , by A.M. Abdel-Ghaffar, S.F. Masri, H.-E. Ali, R. Villaverde, S.C. Martin, T. Takeda, S. Tokuyama, M. Iizuka, T. Ichinomiya, T. Arita, K. Kanda, K. Yamada, H. Ukon, Y. Okimi, H. Okamoto, 1992, 192 pages	O/P
CKI-18	Aseismic Redesign of the Thirty Story S-K Building , by J.C. Anderson and W. Chen, 1993, 138 pages	O/P
CKI-19	Design of High-Rise Reinforced Concrete Building , by V.V. Bertero, H. Krawinkler, J.C. Anderson, G. Powell, F. Filippou, H. Goucha, P. Seneviratna, M. Rahnama, A. Teran-Gilmore, R.D. Bertero, N. Inoue, N. Suzuki, H. Morikawa, M. Okano, T. Fukuda, H. Hatamoto, M. Takahashi, S. Orui, M. Maruta, 1993, 172 pages	O/P
CKI-20	Innovative Techniques of Response Control , by A. Astaneh-Asl, J.F. Hall, G.L. Fenves, K. McMullin, E. Fukuzawa, M. Sakamoto, T. Yamada, N. Tanaka, T. Fukumoto, S. Muramatsu, Y. Maeda, T. Arita, N. Miyagawa, T. Maeda, 1993, 210 pages	O/P
CKI-21	Methodologies for Evaluating the Socio-Economic Consequences of Large Earthquakes , by H. Lagorio, R. Olson, S. Scott, K. Goettel, K. Mizukoshi, M. Miyamura, Y. Miura, T. Yamada, M. Nakahara, H. Ishida, 1993, 124 pages	O/P
CKI-22	Non-Linear Behavior of a Tubular Structure , by H.Y. Goucha, V.V. Bertero, 1993, 202 pages	O/P
CKI-23	Seismic Performance of a 30-Story Building Located on Soft Soil and Designed According to UBC 1991 , by A. Terán-Gilmore, V.V. Bertero, 1993, 367 pages, \$55.00.	O/P
CKI-24	Seismic Response of Underground Structure in Soft Soil (Volume 1) , by J.E. Luco, F.C.P. de Barros, H.L. Wong, T.J. Chou, N. Ohbo, M. Motosaka, N. Kusano, H. Ukon, Y. Okimi, J. Zheng, M. Nagano, K. Ueno, 1993, 432 pages	O/P
CKI-25	Seismic Response of Underground Structure in Soft Soil (Volume 2) , by R.F. Scott, L. Yan, B. Hushmand, M. Halling, M.T. Manzari, N. Ohbo, H. Hayashi, A. Fukuoka, M. Honda, K. Ueno, J. Zhueng, R. Suzuki, 1993, 370 pages	O/P
CKI-26	Tall Building Behavior During the 3 March 1985 Chilean Earthquake , by R.D. Bertero, V.V. Bertero, 1993, 177 pages	O/P
CKI-27	Nonlinear Analysis of Reinforced Concrete Three-Dimensional Structures , by G.H. Powell, F.C. Filippou, V. Prakash, S. Campbell, T. Miyashita, N. Suzuki, H. Morikawa, M. Okano, M. Maruta, M. Takahashi, 1992, 186 pages	O/P

CUREE-Kajima Joint Research Program - Phase II Reports

Publication #	Description	Price
CKII-01	Early Warning Systems , by D.V. HelMBERger, H. Kanamori, K. Kanda, H. Yamanaka, M. Miyamura, Y. Ikeda, T. Moroi, 1994, 103 pages	O/P
CKII-02	Methodologies for Evaluating the Socio-Economic Consequences of Large Earthquakes - Year 1 , by A.S. Kiremidjian, K.H. Law, S. King, N. Basoz, E. Straser, A. Singhal, M. Belubekian, O. Folyan, E. Osorio, L. Duenas, E. Barth, R. Olson, K. Goettel, M. Vucetic, M. Doruduian, K. Mizukoshi, M. Miyamura, Y. Miura, N. Ohbo, H. Ishida, T. Moroi, J. Tagami, S. Nagata, M. Nakamura, 1994, 178 pages	O/P
CKII-03	Methodologies for Evaluating the Socio-Economic Consequences of Large Earthquakes - Year 2 , by A.S. Kiremidjian, K.H. Law, S. King, N. Basoz, E. Straser, A. Singhal, M. Belubekian, J. Blanchard, J. Eidinger, E. Barth, R. Olson, K. Goettel, M. Vucetic, M. Doruduian, V. Iskandar, K. Mizukoshi, M. Miyamura, Y. Miura, N. Ohbo, H. Ishida, T. Moroi, J. Tagami, S. Nagata, A. Ishii, 1995, 304 pages	O/P
CKII-04	Earthquake Safety for Urban Regions: A Joint Research Collaboration, by the CUREE-Kajima Research Program Joint Oversight Committee , 1996, 9 pages, <i>While supplies last.</i>	Free
CKII-05	Innovative Damage and Constitutive Modeling of Fiber Reinforced Cementitious Composites Subjected to Earthquake Loads , by J.W. Ju, L.C. Chou, X.D. Zhang, Y. Nobuta, K. Horikoshi, 1996, 138 pages	O/P

CUREE-Kajima Joint Research Program - Phase II Reports (cont.)

Publication #	Description	Price
CKII-06	Methodologies for Evaluating the Socio-Economic Consequences of Large Earthquakes - Year 3 (Volume 1) , by A.S. Kiremidjian, K.H. Law, S. King, N. Basoz, E. Straser, A. Singhal, M. Belubekian, J.P. Moehle, G. Horner, J. Eidinger, R. Olson, K. Goettel, M. Vucetic, M. Doruduian, V. Iskandar, 1996, 284 pages	O/P
CKII-07	Methodologies for Evaluating the Socio-Economic Consequences of Large Earthquakes - Year 3 (Volume 2) , by A.S. Kiremidjian, K.H. Law, S. King, N. Basoz, E. Straser, A. Singhal, M. Belubekian, J.P. Moehle, G. Horner, J. Eidinger, R. Olson, K. Goettel, M. Vucetic, M. Doruduian, V. Iskandar, 1996, 178 pages	O/P
CKII-08	Methodologies for Evaluating the Socio-Economic Consequences of Large Earthquakes - Year 3 (Volume 3) , by K. Mizukoshi, M. Miyamura, Y. Miura, N. Ohbo, H. Ishida, T. Moroi, J. Tagami, S. Nagata, H. Hayasaka, A. Ishii, M. Kohiyama, 1996, 274 pages	O/P
CKII-09	Near-Source Ground Motion Studies for Northridge and Hanshin Earthquakes , by J. F. Hall, T.H. Heaton, D.J. Wald, A. Yamada, K. Kato, M. Nagano, M. Takahashi, K. Iwamoto, Y. Hyoudou, T. Nozawa, T. Sasaki, Y. Yamamoto, M. Motosaka, 1996, 222 pages	O/P
CKII-10	New Computer Tools for Optimal Design Decisions in the Presence of Risk - Year 2 , by J.L. Beck, E. Chan, A. Irfanoglu, S.F. Masri, W.-M. Xu, H.A. Smith, V. Vance, L. Barroso, T. Tsugawa, F. Sasakai, K. Yoshikawa, T. Hatoda, 1996, 216 pages	O/P
CKII-11	Reliability-Based Optimal Aseismic Design of Reinforced Concrete Buildings , by A. H-S. Ang, A. Der Kiureghian, F.C. Filippou, J. Pires, E. Polak, S. Nagata, M. Nakahara, A. Endoh, T. Takahashi, J. Mizuno, H. Gotoh, G. Wakui, S. Yoshida, 1996, 270 pages	O/P

CUREE-Kajima Joint Research Program - Phase III Reports

CKIII-01	Social, Economic, And System Aspects of Earthquake Recovery and Reconstruction: Year One Research Report , by J.L. Beck, A. S. Kiremidjian, G. Mader, R. Reitherman, 1997, 228 pages	\$ 35
CKIII-02	Effects of Near-Field Ground Motion on Building Structures , by B. Avali and H. Krawinkler, 2001, 222 pages	\$ 35
CKIII-03	Decision Support Tools for Earthquake Recovery of Businesses , by J. Beck, A. Kiremidjian, S. Wilkie, A. Mason, T. Salmon, J. Goltz, R. Olson, J. Workman, A. Irfanoglu, and K. Porter, 1995, 148 pages	\$ 20
CKIII-04	Use of Long-Gage Fiber Optic Sensors For Earthquake Response Monitoring and Non-Destructive Evaluation of Structures , by J. Conte and M. Liu, 2001, 161 pages	\$ 30

CUREE-Kajima Joint Research Program - Phase IV Reports

NOTE: THESE PUBLICATIONS ARE AVAILABLE
IN AN ELECTRONIC FORMAT ON CD ONLY.

CKIV-01	Including Earthquake Risk Perception in Risk Reduction Modeling , by R. L. Nigbor, R.A. Olson, J. Adams, M. Miyamura, N. Kurata, and K. Mizukoshi, 2003, 99 pages	\$ 25
CKIV-02	Seismic Performance Assessment of Flat Plate Floor Systems , by T. H.-K. Kang, C. Rha, J.W. Wallace, K. Igarashi, and N. Suzuki, 2003, 212 pages	\$ 25
CKIV-03	Impact of Seismic Risk on Lifetime Property Values , by J. L. Beck, K. A. Porter, R. V. Shaikhutdinov, S. K. Au, K. Mizukoshi, M. Miyamura, H. Ishida, T. Moroi, Y. Tsukada, and M. Masuda, 2003, 147 pages	\$ 25

CUREE-Kajima Joint Research Program - Phase V Reports

NOTE: THESE PUBLICATIONS ARE AVAILABLE
IN AN ELECTRONIC FORMAT ON CD ONLY.

CKV-01	Real-Time Loss Estimation for Instrumented Buildings , by K. A. Porter, J. L. Beck, J. Y. Ching, J. Mitrani-Reiser, M. Miyasura, A. Kusaka, T. Kudo, K. Ikkatai and Y. Hyodo, 2004, 147 pages	\$ 25
CKV-02	Vision-Based Motion Tracking for Risk Assessment During Seismic Events , by T. Hutchinson, F. Kuester, K.-U. Doerr, D. Lim, N. Kurato, H. Ukon, M. Oshio, and A. Kondo, 2004, 123 pages	\$ 25
CKV-03	Framework for Integration and Visualization of Structural State Data , by B. Stojadinovic, J. Goethals, J.-M. Wong, S. Ohru, M. Takahashi, I. Fukushima, and Y. Yamamoto, 2004, 94 pages	\$ 25

O/P - Photo copies of "Out of Print" items may be requested. Please contact us for an estimate of shipping and reproduction costs.

SAC Steel Project Publications - For more information, visit www.sacsteel.org

SAC is a joint venture of three non-profit organizations: the Structural Engineers Association of California (SEAOC), the Applied Technology Council (ATC), and the Consortium of Universities for Research in Earthquake Engineering (CUREE).

SAC Publications available for free from FEMA

The following SAC publications are available free from FEMA by calling 800-480-2520 and ordering with the FEMA document number (from foreign exchanges call 301-497-1873).

Publication #	Description
FEMA-267	Interim Guidelines: Evaluation, Repair, Modification, and Design of Welded Steel Moment Frame Structures , 1995, 215 pages
FEMA-267A	Interim Guidelines Advisory No. 1 — Supplement to FEMA -267 , 1997, approx. 100 pages
FEMA-288	Background Reports on Metallurgy, Fracture Mechanics, Welding, Moment Connections and Frame Systems Behavior , 1996, 365 pages
FEMA-289	Connection Test Summaries , 1997, approx. 135 pages.
FEMA-350	Recommended Seismic Design Criteria for New Steel Moment-Frame Buildings
FEMA-351	Recommended Seismic Evaluation and Upgrade Criteria for Existing Welded Steel Moment-Frame Buildings
FEMA-352	Recommended Postearthquake Evaluation and Repair Criteria for Welded Steel Moment-Frame Buildings
FEMA-353	Recommended Specifications and Quality Assurance Guidelines for Steel Moment-Frame Construction for Seismic Applications

SAC Publications available through ATC

To order these documents, please contact: Applied Technology Council, 555 Twin Dolphin Drive, Suite 550, Redwood City, California 94065, (650) 595-1542; FAX (650) 593-2320.

Publication #	Description
SAC 94-01	Proceedings of the Invitational Workshop on Steel Seismic Issues, Los Angeles, September 1994 , 1994, 155 pages
SAC 95-01	Steel Moment Frame Connection Advisory No. 3 , 1995, 310 pages
SAC 95-03	Characterization of Ground Motions During the Northridge Earthquake of January 17, 1994 , by Paul Somerville, Robert Graves, and Chandan Saikia, 1995, 179 pages
SAC 95-04	Analytical and Field Investigations of Buildings Affected by the Northridge Earthquake of January 17, 1994 , by A. Alali, J. Anderson, J. Beck., K. Benuska, D. Bonowitz, R. DiJulio, J. Dunlea, T. Eimani, M. Englehardt, F. Filippou, G. Hart, L. Ho, S. Huang, A. Husain, A. Jain, J. Kariotis, H. Kim, K. Kim, H. Krawinkler, C. Lee, C. Li, R. Lobo, B. May, F. Naeim, T. Paret, D. Polidori, A. Reinhorn, T. Sabol, A. Sadre, K. Sasaki, J. Stewart, C. Thiel, C. Uang, J. Uzarski, M. Vanik, M. VanWinkler, N. Youssef, and Q. Yu, 1995, combined volumes 900 pages
SAC 95-05	Parametric Analytic Investigations of Ground Motion and Structural Response, Northridge Earthquake of January 17, 1994 , by S. Campbell, M. Englehardt, J. Hall, G. Hart, L. Ho, S. Huang, A. Husain, W. Iwan, H. Kim, K. Kim, R. Lobo, T. Sabol, M. Skokan, and J. Uzarski, 1995, 274 pages
SAC 95-06	Technical Report: Surveys and Assessment of Damage to Buildings Affected by the Northridge Earthquake of January 17, 1994 , by D. Bonowitz, M. Durkin, W. Gates, M. Morden, and N. Youssef, 1995, 315 pages
SAC 95-07	Technical Report: Case Studies of Steel Moment Frame Building Performance in the Northridge Earthquake of January 17, 1994 , by J.C. Anderson, B.C. Gourley, M. Green, J.F. Hajjar, R. Johnston, R.T. Leon, D.P. O'Sullivan, and J.E. Partridge, 1995, 260 pages
SAC 95-08	Technical Report: Experimental Investigations of Materials, Weldments and Nondestructive Examination Techniques , by C.A. Barnes, M.D. Englehardt, J.W. Fisher, T.J. Fowler, E.J. Kaufmann, and C.R. Thewalt, 1996, 116 pages
SAC 96-01	Technical Report: Experimental Investigations of Beam-Column Subassemblages , by V. Bertero, M. Blondet, D. Bondad, M. Englehardt, A. Gilani, E. Popov, C. Roeder, T. Sabol, B. Shuey, L. Stepanov, B. Stojadinovic, C.-M. Uang, A. Whittaker, 1996, combined volumes 894 pages.

SAC Background Documents available through ATC

The SAC Background Document series has been developed to disseminate information related to the mission of the Steel Project that has not been reviewed as part of the formal report series. The Background Documents are not intended to be used for design or for any specific building project and do not necessarily represent official findings or recommendations of FEMA, the SAC Joint Venture and its organizations, or any other project participants.

Publication #	Description
SAC/BD-96/01	Selected Results from the SAC Phase 1 Beam-Column Connection Pre-Test Analyses , submissions from B. Maison, K. Kasai, and R. Dexter; and A. Ingrassia and G. Deierlein.
SAC/BD-96/02	Summary Report on SAC Phase 1 - Task 7 Experimental Studies , by C. Roeder (a revised version of this document is published in Report No. SAC 96-01; the original is no longer available).
SAC/BD-96/03	Selected Documents from the U.S.-Japan Workshop on Steel Fracture Issues , June 16-18, 1996
SAC/BD-96/04	Survey of Computer Programs for the Nonlinear Analysis of Steel Moment Frame Structures
SAC/BD-97/01	Through-Thickness Properties of Structural Steels , by J. Barsom and S. Korvink
SAC/BD-97/02	Protocol for Fabrication, Inspection, Testing, and Documentation of Beam-Column Connection Tests and Other Experimental Specimens , by P. Clark, K. Frank, H. Krawinkler, and R. Shaw.
SAC/BD-97/03	Proposed Statistical and Reliability Framework for Comparing and Evaluating Predictive Models for Evaluation and Design , by Y.-K. Wen.
SAC/BD-97/04	Development of Ground Motion Time Histories for Phase 2 of the FEMA/SAC Steel Project , by P. Somerville, N. Smith, S. Punyamurthula, and J. Sun.
SAC/BD-97/05	Finite Element Fracture Mechanics Investigation of Welded Beam-Column Connections , by W.-M. Chi, G. Deierlein, and A. Ingrassia.
SAC/BD-98/01	Strength and Ductility of FR Welded-Bolted Connections , by S. El-Tawil, T. Mikesell, E. Vidarsson, and S. K. Kunnath
SAC/BD-98/02	Effects of Strain Hardening and Strain Aging on the K-Region of Structural Shapes , by J. Barsom and S. Korvink
SAC/BD-98/03	Implementation Issues for Improved Seismic Design Criteria: Report on the Social, Economic, Policy and Political Issues Workshop , by L. T. Tobin
SAC/BD-99/01	Parametric Study on the Effect of Ground Motion Intensity and Dynamic Characteristics on Seismic Demands in Steel Moment Resisting Frames , by G. A. MacRae
SAC/BD-99/01A	Appendix to: Parametric Study on the Effect of Ground Motion Intensity and Dynamic Characteristics on Seismic Demands in Steel Moment Resisting Frames , by G. A. MacRae
SAC/BD-99/02	Through-Thickness Strength and Ductility of Column Flange in Moment Connections , by R. Dexter and M. Melendrez
SAC/BD-99/03	The Effects of Connection Fractures on Steel Moment Resisting Frame Seismic Demands and Safety , by C. A. Cornell and N. Luco
SAC/BD-99/04	Effects of Strength/Toughness Mismatch on Structural and Fracture Behaviors in Weldments , by P. Dong, T. Kilinski, J. Zhang, and F. W. Brust
SAC/BD-99/05	Assessment of the Reliability of Available NDE Methods for Welded Joints and the Development of Improved UT Procedures , by G. Gruber and G. Light
SAC/BD-99/06	Prediction of Seismic Demands for SMRFs with Ductile Connections and Elements , by A. Gupta and H. Krawinkler

O/P - Photo copies of "Out of Print" items may be requested. Please contact us for an estimate of shipping and reproduction costs.

SAC Background Documents available through ATC (cont.)

Publication #	Description
SAC/BD-99/07	Characterization of the Material Properties of Rolled Sections, by T. K. Jaquess and K. Frank
SAC/BD-99/08	Study of the Material Properties of the Web-Flange Intersection of Rolled Shapes, by K. R. Miller and K. Frank
SAC/BD-99/09	Investigation of Damage to WSMF Earthquakes other than Northridge, by M. Phipps
SAC/BD-99/10	Clarifying the Extent of Northridge Induced Weld Fracturing and Examining the Related Issue of UT Reliability, by T. Paret
SAC/BD-99/11	The Impact of Earthquakes on Welded Steel Moment Frame Buildings: Experience in Past Earthquakes, by P. Weinberg and J. Goltz
SAC/BD-99/12	Assessment of the Benefits of Implementing the New Seismic Design Criteria and Inspection Procedures, by H. A. Seligson and R. Eguchi
SAC/BD-99/13	Earthquake Loss Estimation for WSMF Buildings, by C. A. Kircher
SAC/BD-99/14	Simplified Loss Estimation for Pre-Northridge WSMF Buildings, by B. F. Maison and D. Bonowitz
SAC/BD-99/15	Integrative Analytical Investigations on the Fracture Behavior of Welded Moment Resisting Connections, by G. G. Deierlein and W.-M. Chi
SAC/BD-99/16	Seismic Performance of 3- and 9- Story Partially Restrained Moment Frame Buildings, by B. F. Maison and K. Kasai
SAC/BD-99/17	Effects of Partially-Restrained Connection Stiffness and Strength on Frame Seismic Performance, by K. Kasai, B. F. Maison, and A. Mayangarum
SAC/BD-99/18	Effects of Hysteretic Deterioration Characteristics on Seismic Response of Moment Resisting Steel Structures, by F. Naeim, K. Skliros, A. M. Reinhorn, and M. V. Sivaselvan
SAC/BD-99/19	Cyclic Instability of Steel Moment Connections with Reduced Beam Section, by C.-M. Uang and C.-C. Fan
SAC/BD-99/20	Local and Lateral-Torsion Buckling of Wide Flange Beams, by L. Kwasniewski, B. Stojadinovic, and S. C. Goel
SAC/BD-99/21	Elastic Models for Predicting Building Performance, by X. Duan and J. C. Anderson
SAC/BD-99/22	Reliability-Based Seismic Performance Evaluation of Steel Frame Buildings Using Nonlinear Static Analysis Methods, by G. C. Hart and M. J. Skokan
SAC/BD-99/23	Failure Analysis of Welded Beam to Column Connections, by J. M. Barsom and J. V. Pellegrino
SAC/BD-99/24	Weld Acceptance Criteria for Seismically-Loaded Welded Connections, by W. Mohr
SAC/BD-00/01	Parametric Tests on Unreinforced Connections, Volume I - Final Report, by K.-H. Lee, B. Stojadinovic, S. C. Goel, A. G. Margarian, J. Choi, A. Wongkaew, B. P. Reyher, and D.-Y. Lee
SAC/BD-00/01A	Parametric Tests on Unreinforced Connections, Volume II - Appendices, by K.-H. Lee, B. Stojadinovic, S. C. Goel, A. G. Margarian, J. Choi, A. Wongkaew, B. P. Reyher, and D.-Y. Lee
SAC/BD-00/02	Parametric Tests on the Free Flange Connections, by J. Choi, B. Stojadinovic, and S. C. Goel
SAC/BD-00/03	Cyclic Tests on Simple Connections Including Effects of the Slab, by J. Liu and A. Astaneh-Asl
SAC/BD-00/04	Tests on Bolted Connections, Part I: Technical Report, by J. Swanson, R. Leon, and J. Smallridge
SAC/BD-00/04A	Tests on Bolted Connections, Part II: Appendices, by J. Swanson, R. Leon, and J. Smallridge
SAC/BD-00/05	Bolted Flange Plate Connections, by S. P. Schneider and I. Teeraparabwong
SAC/BD-00/06	Round Robin Testing of Ultrasonic Testing Technicians, by R. E. Shaw, Jr.

SAC Background Documents available through ATC (cont.)

Publication #	Description
SAC/BD-00/07	Dynamic Tension Tests of Simulated Welded Beam Flange Connections , by J. M. Ricles, C. Mao, E. J. Kaufmann, L.-W. Lu, and J. W. Fisher
SAC/BD-00/08	Design of Steel Moment Frame Model Buildings in Los Angeles, Seattle and Boston , by P. Clark
SAC/BD-00/09	Benchmarking of Analysis Programs for SMRF System Performance Studies , by A. Gupta and H. Krawinkler
SAC/BD-00/10	Loading Histories for Seismic Performance Testing of SMRF Components and Assemblies , by H. Krawinkler, A. Gupta, R. Medina, and N. Luco
SAC/BD-00/11	Development of Improved Post-Earthquake Inspection Procedures for Steel Moment Frame Buildings , by P. Clark
SAC/BD-00/12	Evaluation of the Effect of Welding Procedure on the Mechanical Properties of FCAW-S and SMAW Weld Metal Used in the Construction of Seismic Moment Frames , by M. Q. Johnson
SAC/BD-00/13	Preliminary Evaluation of Heat Affected Zone Toughness in Structural Shapes Used in the Construction of Seismic Moment Frames , by M. Q. Johnson and J. E. Ramirez
SAC/BD-00/14	Evaluation of Mechanical Properties in Full-Scale Connections and Recommended Minimum Weld Toughness for Moment Resisting Frames , by M. Q. Johnson, W. Mohr, and J. Barsom
SAC/BD-00/15	Simplified Design Models for Predicting the Seismic Performance of Steel Moment Frame Connections , by C. Roeder, R. G. Coons, and M. Hoit
SAC/BD-00/16	SAC Phase 2 Test Plan , by C. Roeder
SAC/BD-00/17	Behavior and Design of Radius-Cut, Reduced Beam Section Connections , by M. Engelhardt, G. Fry, S. Jones, M. Venti, and S. Holliday
SAC/BD-00/18	Test of a Free Flange Connection with a Composite Floor Slab , by M. Venti and M. Engelhardt
SAC/BD-00/19	Cyclic Testing of a Free Flange Moment Connection , by C. Gilton, B. Chi, and C.-M. Uang
SAC/BD-00/20	Improvement of Welded Connections Using Fracture Tough Overlays , by James Anderson, J. Duan, P. Maranian, and Y. Xiao
SAC/BD-00/21	Cyclic Testing of Bolted Moment End-Plate Connections , by T. Murray, E. Sumner, and T. Mays
SAC/BD-00/22	Cyclic Response of RBS Moment Connections: Loading Sequence and Lateral Bracing Effects , by Q. S. Yu, C. Gilton, and C. M. Uang
SAC/BD-00/23	Cyclic Response of RBS Moment Connections: Weak Axis Configuration and Deep Column Effects , by C. Gilton, B. Chi, and C. M. Uang
SAC/BD-00/24	Development and Evaluation of Improved Details for Ductile Welded Unreinforced Flange Connections , by J. M. Ricles, C. Mao, L.-W. Lu, and J. Fisher
SAC/BD-00/25	Performance Prediction and Evaluation of Steel Special Moment Frames for Seismic Loads , by K. Lee and D. A. Foutch
SAC/BD-00/26	Performance Prediction and Evaluation of Low Ductility Steel Moment Frames for Seismic Loads , by S. Yun and D. A. Foutch
SAC/BD-00/27	Steel Moment Resisting Connections Reinforced with Cover and Flange Plates , by T. Kim, A. S. Whittaker, V. V. Bertero, A. S. J. Gilani, and S. M. Takhirov
SAC/BD-00/28	Failure of a Column K-Area Fracture , by J. M. Barsom and J. V. Pellegrino
SAC/BD-00/29	Inspection Technology Workshop , by R. E. Shaw, Jr.
SAC/BD-00/30	Preliminary Assessment of the Impact of the Northridge Earthquake on Construction Costs of Steel Moment Frame Buildings , by Davis Langdon Adamson

For more information on the SAC Steel project, please visit the official website at: www.sacsteel.org

O/P - Photo copies of "Out of Print" items may be requested. Please contact us for an estimate of shipping and reproduction costs.

