

## 20% Discount on Past *Spectra* Theme Issues thru June 30, 2009

### THE NEXT GENERATION OF ATTENUATION (NGA) RELATIONS PROJECT \$24 (reg. \$30)

J. P. Stewart, R. J. Archuleta, and M. S. Power, eds.

Presents the principal results of the Next Generation of Attenuation (NGA) Relations Project, a five-year applied research program that developed improved earthquake ground motion attenuation relations (ground motion prediction equations, or GMPEs) for shallow crustal earthquakes in the western United States and similar tectonic regions. Containing many color figures, the 13 articles cover the NGA project process, components, and products. The issue was underwritten by the Pacific Earthquake Engineering Research Center (PEER) with financial support provided by the California Department of Transportation. February 2008

### THE 1906 SAN FRANCISCO EARTHQUAKE: AN EARTHQUAKE ENGINEERING RETROSPECTIVE 100 YEARS LATER \$24 (reg. \$30)

William T. Holmes and Robert Reitherman, eds.

Contains articles on such topics as the re-evaluation of damage to buildings in San Francisco in 1906 using modern insights, effects of the earthquake on water systems and current mitigation efforts, geotechnical analyses of liquefaction in 1906 and projections for a recurrence today, a re-examination of the extensive surface faulting in 1906, comparisons of emergency management in 1906 to that which exists today, what was learned by key Japanese earthquake experts who made a reconnaissance visit to California in 1906, the long-term effects of 1906 on earthquake research and education, the continuing influence on public policy of the 1906 earthquake, a scenario of the ground shaking to be expected from a repeat of the 1906 earthquake, and a loss estimation study of the effects on the current building inventory of the San Francisco region if the earthquake were repeated today. April 2006.

### EVALUATION, REPAIR AND SEISMIC DESIGN OF WELDED STEEL MOMENT-FRAME STRUCTURES

Douglas Foutch and James Malley, eds. \$20 (reg. \$25)

An excellent reference document for design professionals, building officials, and construction companies that summarizes the major results and recommendations generated by the FEMA-funded SAC Steel Program. Initiated in response to damage caused by the 1994 Northridge earthquake, the six-year SAC program was intended to improve the seismic performance of all steel buildings. The volume provides an overview of the program, explores its major documents, and covers damage estimation tools that can be used for steel moment-frame buildings. May 2003.

To place an order, see reverse side

### SEISMIC DESIGN PROVISIONS AND GUIDELINES, R. Hamburger and C. Kircher, eds. \$24 (reg. \$30)

An overview of many current seismic codes and guidelines, including the *Uniform Building Code*, the *NEHRP Provisions*, *ATC 3-06*, *ATC 40*, the *SEAOC Recommendations* (Blue Book), and various FEMA projects. Describes the development of site factors, USGS hazard mapping, and advances in design provisions for the major structural systems and materials. Includes color figures. February 2000.

### EARTHQUAKE LOSS ESTIMATION

Thalia Anagnos, ed. \$12 (reg. \$15)

Brings together some of the current advances in the loss estimation field. Highlights ongoing projects and new technologies. Describes specific loss estimation that makes use of GIS technology. November 1997.

### REPAIR AND REHABILITATION RESEARCH FOR SEISMIC RESISTANCE OF STRUCTURES

James O. Jirsa, ed. \$12 (reg. \$15)

Summarizes the NSF five-year initiative on the rehabilitation of structures. Discusses reinforced and precast concrete structures, steel structures; masonry structures/infill walls; and foundations. November 1996.

### EXPERIMENTAL METHODS

Daniel P. Abrams, ed. \$12 (reg. \$15)

Covers the complexity and subtleties of various test methods and their worth for reducing future earthquake losses. February 1996.

### DESIGN IN RETROFIT AND REPAIR,

Mary C. Comerio, ed. \$12 (reg. \$15)

Provides case studies of housing, health care, and commercial and government buildings, and discusses the economic, social, historic, and technical concerns that affected design decisions. February 1994.

### PASSIVE ENERGY DISSIPATION,

Robert D. Hanson, ed. \$12 (reg. \$15)

Describes projects that have successfully utilized energy dissipation systems and that provide information on the performance of individual devices and systems. August 1993.

### PUBLIC POLICY

Peter J. May and Patricia A. Bolton, eds. \$12 (reg. \$15)

Provides information on the relationship between research and public policy, the key to earthquake mitigation, and the realities of implementation. February 1992.

### SEISMIC ISOLATION: FROM IDEA TO REALITY, Thomas L. Anderson, ed. \$12 (reg. \$15)

Covers history and performance of seismic isolation technology, theory and design, research, and public policy requirements. Discusses types of isolation systems, comparison of test results with design provisions, and application to nuclear power plants. May 1990.

# EARTHQUAKE SPECTRA

## 20% Discount on *Spectra* Theme Issues thru June 30, 2009

To order online, go to [www.eeri.org/cds\\_publications/catalog](http://www.eeri.org/cds_publications/catalog).

Click on Publications in left column, then Spectra Theme Issues.

QTY		TOTAL
_____	<b>ES-24:1</b> -- The Next Generation of Attenuation (NGA) Relations Project	<b>\$40 nonmembers</b> (reg. \$50) _____ <b>\$24 members</b> (reg. \$30) _____
_____	<b>ES 22, Special Issue 2</b> – The 1906 San Francisco Earthquake: An Earthquake Engineering Retrospective 100 Years Later	<b>\$28 nonmembers</b> (reg. \$35) _____ <b>\$24 members</b> (reg. \$30) _____
_____	<b>ES 19:2</b> -- Evaluation, Repair and Seismic Design of Welded Steel Moment-Frame Structures	<b>\$20</b> (reg. \$25) _____
_____	<b>ES 16:1</b> -- Seismic Design Provisions and Guidelines	<b>\$24</b> (reg. \$30) _____
_____	<b>ES 13:4</b> -- Earthquake Loss Estimation	<b>\$12</b> (reg. \$15) _____
_____	<b>ES 12:4</b> -- Repair & Rehabilitation Research for Seismic Resistance of Structures	<b>\$12</b> (reg. \$15) _____
_____	<b>ES 12:1</b> -- Experimental Methods	<b>\$12</b> (reg. \$15) _____
_____	<b>ES 10:1</b> -- Design in Retrofit and Repair	<b>\$12</b> (reg. \$15) _____
_____	<b>ES 9:3</b> -- Passive Energy Dissipation	<b>\$12</b> (reg. \$15) _____
_____	<b>ES 8:1</b> -- Public Policy	<b>\$12</b> (reg. \$15) _____
_____	<b>ES 6:2</b> -- Seismic Isolation: From Idea to Reality	<b>\$12</b> (reg. \$15) _____
_____	<b>All 11 issues</b> , \$176 (save \$44)	<b>\$196 nonmembers</b> (reg. \$245) _____ <b>\$176 members</b> (reg. \$220) _____

Sales Tax 9.75% (California orders only) \_\_\_\_\_

SUBTOTAL US\$ \_\_\_\_\_

Shipping & Handling \_\_\_\_\_

Within USA \$8.00 for one volume, \$2.50 ea add'l

International \$10.00 for one volume, \$5.00 ea. add'l

\_\_\_\_\_m \_\_\_\_\_

TOTAL US\$ \_\_\_\_\_

Check or Money Order

Visa/MasterCard

Card # \_\_\_\_\_ Exp.Date \_\_\_\_\_ Authorized Signature \_\_\_\_\_

Name \_\_\_\_\_ Affiliation \_\_\_\_\_

Mailing Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail Address \_\_\_\_\_

**PLEASE SEND THE COMPLETED FORM TO:**

EERI, 499 14th Street, Suite 320, Oakland CA 94612-1934 USA

Phone (510) 451-0905 • Fax (510) 451-5411 • E-Mail: [eeeri@eeeri.org](mailto:eeeri@eeeri.org) • Web Site: <http://www.eeri.org>