Section B:

Bibliography of Publications
Bibliography of Year 9 Publications

The publications listed in this section resulted from MCEER-sponsored research for project year 9. The list is arranged by MCEER thrust area, and further grouped by journal articles, workshop and conference proceedings, and books, book chapters and technical reports. There are 135 citations provided in this listing.

Research Program – Organized by Thrust Areas

Overarching Center-wide Cross Program Research Activities

Workshop and Conference Proceedings


Bruneau, M., Enhancing the Resilience of Communities against Extreme Events from an Earthquake Engineering Perspective, IABSE Symposium on Structures and Extreme Events, Lisbon, Portugal, September 2005, on CD-ROM.


Rose, A., Tracing Infrastructure Interdependence through Economic Interdependence, Center for Advanced Engineering Workshop on Interdependent Infrastructure, Christchurch, New Zealand, 2005.

Books, Book Chapters and Technical Reports

Applied Technology Council, (Rose, A. contributing author), Natural Hazard Mitigation Saves: An Independent Study to Assess the Future Savings from Mitigation Activities, Report to U.S. Congress on behalf of the National Institute of Building Sciences, Redwood City, California, 2005.


Seismic Evaluation and Retrofit of Lifeline Systems

Journal Articles


**Workshop and Conference Proceedings**


Books, Book Chapters and Technical Reports


Seismic Retrofit of Acute Care Facilities

Journal Articles


Berman, J.W. and Bruneau, M., Supplemental System Retrofit Considerations for Braced Steel Bridge Piers, International Journal of Earthquake Engineering and Structural Dynamics - Special Issue on Transportation Structures, Vol. 34, No.4-5, 2005, pp. 497-517.


Workshop and Conference Proceedings


Berman, J.W. and Bruneau, M., Considering Overturning In Braced Steel Bridge Pier Retrofit, 2005 New York City Bridge Conference, New York, New York, September, on CD-ROM.


Malushte, S. and Whittaker, A S., Survey of Past Base Isolation Applications in Nuclear Power Plants and Challenges to Industry/Regulatory Acceptance, Transactions, 18th International Conference on Structural Mechanics in Reactor Technology (SMiRT 18-K10-7), Beijing, China, August 2005.


Books, Book Chapters and Technical Reports


**Emergency Response and Recovery**

*Journal Articles*


*Workshop and Conference Proceedings*


Chung, H-C., Sarabandi, P. and Adams, B., Sensing for Building Inventory Updates in Disaster Management, Smart Structures and Materials and NDE for Health Monitoring and Diagnostics Conference, San Diego, California, February 26 - March 2, 2006.


Books, Book Chapters and Technical Reports


Mitigation of Infrastructure Against Multi-Hazard Extreme Events

Journal Articles


Workshop and Conference Proceedings


Books, Book Chapters and Technical Reports

Arendt, L. and Hess, D., MCEER Report: Engineering and Organizational Issues Before, During and After Hurricane Katrina, Hospital Decision Making in the Wake of Katrina: The Case of New Orleans, MCEER-06-SP01, Multidisciplinary Center for Earthquake Engineering Research, University at Buffalo, January 2006, 84 p.


Education

Journal Articles


Workshop and Conference Proceedings


Books, Book Chapters and Technical Reports