



Prevención y Reducción de Daños Sísmicos - Bibliografía

Bibliografía específica recomendada

- Coburn, A. & R. Spence (1992, 2002). Earthquake Protection. John Wiley & sons, Ltd.
- EERI (1986).- Reducing earthquake hazards: Lessons learned from earthquakes. Pub. Nº 86-02 Earthquake Engineering Research Institute.
- Elnashai A. S. & S. Antoniou (2000). Implications of Recent Earthquakes on Seismic Risk World Scientific Publishing Company
- EMS (1998). European Macroseismic Scale. Grünthal G. Editor. Luxemburg, 1998.
- Eurocódigo EC 8. EN1998 – Part 1: Design of structures for earthquake resistance – General rules, seismic actions and rules for buildings. Comité Européen de Normalisation; EN1998 – Part 2: Design of structures for earthquake resistance – Bridges; EN2004. Part 3: Design of structures for earthquake resistance -Assessment and retrofitting of buildings. Doc. CEN/TC250/SC8/N388B.
- FEMA . HAZUS (1999). Earthquake Loss Estimation Methodology. HAZUS.
- FEMA HAZUS (2003) Multi-hazard Loss Estimation Methodology. HAZUS.
- Lee, W. H.K.; H. Kanamori, P. Jennings, C. Kisslinger (2003) .- International Handbook of Earthquake and Engineering Seismology. Academic Press.
- NCSE-02 (2002). Normativa de Construcción Sismorresistente Española de 2002. Real Decreto B.O.E. de agosto de 2002.
- Solnes, J (1974).Engineering Seismology and Earthquake Engineering, Noordhoff Intern Pub. Co
- Tiedemann, H. (1992). Earthquakes and volcanic eruptions: a handbook on risk assesment. Swiss reinsurance Co. Zurich, Switzerland.
- Vidal F. et al. (2011). Manual for natural risk prevention in the Euromediterranean region: Hypothesis and experiences by NARPIMED project.

NARPIMED project. 198pp. European Commission. Dir. Gen. Humanitarian Aid and Civil Protection.

- Wald, D. J.; B. C. Worden, V. Quitoriano, And K. L. Pankow (2005). ShakeMap Manual: Technical Manual, User's Guide, and Software Guide Techniques and Methods 12-A1 U.S. Department of the Interior . U.S. Geological Survey . 134 pp. Consultable en: <http://earthquake.usgs.gov/shakemap>

Bibliografía general

- Atkan, A.E. & I Kang Ho (1990). "Seismic vulnerability evaluation of existing buildings" Earthquake spectra, V 6, N 3.
- Bank (2002). Catastrophic Risk: Analysis and Management. Wiley Financial.
- Barbat, A. H., M. L. Carreño , L.G. Pujades, N. Lantada , O. D. Cardona & M. C. Marulanda (2010). Seismic vulnerability and risk evaluation methods for urban areas. A review with application to a pilot area. Structure and Infrastructure Engineering. V6, N. 1-2, 17-38 <http://dx.doi.org/10.1080/15732470802663763>.
- Benito M.B., M. Navarro, F. Vidal, J. Gaspar-Escribano, M J. García, JM Martínez-Solares (2010). A New Seismic Hazard Assessment in the Region of Andalusia (Southern Spain). Bulletin of Earthquake Engineering V 8, I 4 (2010), pp. 739-766
- Bolt, B. A. (1999). Earthquakes W H Freeman and Co. y Terremotos Ed. Muy Interesante.
- Bullen, K (1963), y K. E. Bullen, Bruce A. Bolt, (1985). An Introduction to the theory of Seismology, Cambridge University Press.
- Chávez, J. (1998). "Evaluación de la vulnerabilidad y el riesgo sísmico a escala regional: Aplicación a Cataluña". Tesis Doctoral. Univ. Pol. Cataluña. Consultable en http://www.tdx.cesca.es/TESIS_UPC/AVAILABLE/
- Climent, A. ; D. Salgado, S. Slob Y C. J. Van Westen (2003). Amenaza Sísmica y Vulnerabilidad Física en la ciudad de Cañas, Guanacaste, Costa Rica. ITC, UNESCO y CEPREDENAC. 33 pp. Consultable en: <http://www.itc.nl/external/unesco-rapca/>
- Cochrane, S.W. & W.H. Shaad (1992). "Assesment of earthquake vulnerability of buildings" X WCEE, V 1.
- Davidson, R. 1997. An Urban Earthquake Disaster Risk Index. The John A. Blume Earthquake Engineering Center, report no. 121. Stanford, California
- Guha, S. K. (2000).- Induced Earthquakes, Kluwer Academic Publishers
- Gubbins, D. (1990).,- Seismology and Plate Tectonics, Cambridge Univ Pr).
- Gulkan,P., H. Sucuoglu & O. Ergunay (1992). "Earthquake vulnerability, loss and

risk assesment in Turkey” X WCEE, V 1.

- Hurtado, G. (2005). Seismic risk scenarios for buildings in Mérida, Venezuela. Detailed vulnerability assessment for non-engineered housing . Consultable en: <http://www.tesisenxarxa.net/>.
- Jara, M., J.J. Guerrero & J. Aguilar (1992). “Seismic vulnerability of México city buildings” X WCEE, V 1.
- Lee, W.H.K., and Stewart, S.W., (1981). Principles and Applications of Microearthquake Networks, Academic Press, New York,
- Lee, William; Hiroo Kanamori, Paul Jennings, Carl Kisslinger, (2003) International Handbook of Earthquake and Engineering Seismology Academic Press.
- Mena, U. (2002). Evaluación del riesgo sísmico en zonas urbanas. Tesis Doctoral. Univ. Pol. Cataluña. Consultable en: <http://www.tesisenxarxa.net/>
- Mogi, K. (1985), Earthquake prediction. Academic Press Inc.,
- NCSE-02 (2002). Normativa de Construcción Sismorresistente Española de 2002. Real Decreto B.O.E. de agosto de 2002. . Consultable en: <http://www.proteccioncivil-andalucia.org/Legislacion/RD99702Misc.htm>
- Nevada Earthquake Risk Mitigation Plan. (2001). Nevada Earthquake Safety Council.
- RADIUS. (Risk Assessment Tools for Diagnosis of Urban Areas against Seismic Disasters) GeoHazards International . <http://www.geohaz.org/contents/projects/radius.html>
- Reiter, L (1991).- Earthquake Hazard Analysis. Columbia University Press
- Rikitake, T. (1976), Earthquake prediction. Elsevier Scientif. Publish. Co.,
- Rikitake, T. (1982). Earthquake Forecasting and Warning, D Reidel Pub Co.
- RISK-UE (2004). An advanced approach to earthquake risk scenarios with applications to different European towns. WP-Handbooks Methodology
- Safina, S. (1998). “Vulnerabilidad sísmica de las edificaciones esenciales. Revisión del estado del arte”. Consultable en: <http://www.tesisenxarxa.net/>
- Sandi H. (1984). “Use of vulnerability characteristics in risk analysis” XI Sem. Reg. Europeo de Ingeniería Sísmica. Talleres del IGN, Madrid.
- Solnes, J. (1974).- Engineering Seismology and Earthquake Engineering, Noordhoff International Pub. Co.
- Tucker, B.E.; M. Eredik, C.N. Hwang Edit.. (1994). Issues in urban earthquake

risk. Kluwer Ac. Press

- Udías A. (1981), Física de la Tierra. Ed. Alhambra, España.
- Van Essche, L. (1984) “Algunos aspectos de la estimación de la vulnerabilidad y el riesgo sísmico” XI Sem. Reg. Europeo de Ingeniería Sísmica. Talleres del IGN, Madrid.
- Van Westen, C. J. (2003). Análisis de peligro, vulnerabilidad y riesgo. ITC-Publication Number 16, ITC, Enschede, The Netherlands. Consultable en: <http://www.itc.nl/external/unesco-rapca/>
- Vidal, F., Morales, J. (1996). Mapas predictivos del movimiento del suelo en áreas urbanas para el desarrollo de Escenarios de Daños Sísmicos. Libro homenaje al prof. F. de Miguel. Instituto Andaluz de Geofísica. **Universidad de Granada**.
- Vidal, F., Feriche, M., Navarro, M., (1996). Estimación de daños sísmicos en áreas urbanas para la planificación de emergencias sísmicas. Libro homenaje al prof. F. de Miguel. Instituto Andaluz de Geofísica. **Universidad de Granada**.
- Vidal F., M. Navarro, C. Aranda, T. Enomoto (2014). Changes in dynamic characteristics of Lorca RC buildings from pre- and post- earthquake ambient vibration data. Bulletin of Earthquake Engineering. V 12 2095-2110.
- Wikipedia. Earthquake casualty estimation. http://en.wikipedia.org/wiki/Earthquake_casualty_estimation