

University of California, Berkeley, California 94720  
Department of Civil & Environmental Engineering  
Hydraulic Engineering Laboratory  
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## **TSUNAMI INFORMATION SOURCES PART 3**

By

Robert L. Wiegel, Professor Emeritus  
Dept. Civil & Environmental Engineering  
410 O' Brien Hall, MC 1718  
University of California

Berkeley, California 94720-1718

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#### INTRODUCTION

*Tsunami Information Sources* (Robert L. Wiegel, University of California, Berkeley, CA, UCB/HEL 2005-1, 14 December 2005, 115 pages), is available in printed format, and on a diskette. It is also available in electronic format at the Water Resources Center Archives, University of California, Berkeley, CA  
<http://www.lib.berkeley.edu/WRCA/tsunamis.html>

and in *Science of Tsunami Hazards* (the International Journal of The Tsunami Society), Vol. 24, No. 2, 2006, pp 58-171) at  
<http://www.sthjourn.org/sth6.htm>

*Tsunami Information Sources: Part 2* (Robert L. Wiegel, University of California, Berkeley, CA, UCB/HEL 2006-1, 18 April 2006, 36 pp) is available in printed format, and on a diskette. It is also available in electronic format at the Water Resources Center Archives, University of California, Berkeley, CA 94720-1718  
<http://www.lib.berkeley.edu/WRCA/tsunamis.html>  
 and in *Science of Tsunami Hazards* (the International Journal of The Tsunami Society), Vol. 25, No. 2, 2006, pp 67-125

This is Part 3 of the report. As in *Tsunami Information Sources: Part 2*, it has two components. They are:

1. (Sections A and B). Sources added since the first two reports, and corrections to a few listed previously.

2. (Sections C and D). References in Sections A and B (and a few from the earlier report that were not so listed), that can be classified in one of the following two categories:

Section C. Planning and engineering design for tsunami mitigation/ protection; adjustments to the hazard; damage to structures and infrastructure

Section D. Tsunami propagation nearshore; induced oscillations; runup/inundation (flooding) and drawdown

It should be recalled that the water waves now most commonly known as tsunamis, in the past were also called tidal waves or seismic sea waves.

For convenience, some sources are listed twice, under title and under author(s).

The present report is available on a diskette at the Water Resources Center Archives, 410 O'Brien Hall, University of California, Berkeley, CA, 94720-1718, and in electronic format at

<http://www.lib.berkeley.edu/WRCA/tsunamis.html>

Most of the publications are available in the Water Resources Center Archives or other

parts of the Library System, University of California, Berkeley, CA.

I wish to acknowledge my appreciation of the great help of the staff of the Water Resources Center Archives in finding some difficult to obtain publications; in particular Paul S. Atwood for his help for those on websites and other computer sources. I want to thank John M. Wiegel for his continuous help in searching for sources on websites via computer search engines.

## 1. (SECTIONS A and B). ADDITIONS OR CORRECTIONS TO THE FIRST TWO REPORTS

### **A. BIBLIOGRAPHIES; BOOKS, MONOGRAPHS, AND PAMPHLETS; CATALOGS; COLLECTIONS; JOURNALS AND NEWSLETTERS; MAPS; ORGANIZATIONS; PROCEEDINGS, SYMPOSIA, AND WORKSHOPS; VIDEOS AND PHOTOGRAPHS**

#### **Bibliographies**

*Bibliography of the Geology and Mineral Resources of Washington State* (includes the "Tsunami Library Catalog of the National Tsunami Hazard Mitigation Program"), Washington State Dept. of Natural Resources, at <http://www.2.wadnr.gov/dbtw-wpd/washbib.htm>

*Tsunami Information Sources. Part 2*, by Robert L. Wiegel, University of California, Berkeley, CA, Tech. Rept. UCB/HEL 2006-1, 18 April 2006, 36 pp; available in electronic format at <http://www.lib.berkeley.edu/WRCA/tsunamis.html> and in the journal *Science of Tsunami Hazards*, Vol. 24, No. 2, 2006, pp 58-171, at <http://www.sthjournals.org/sth6.htm>  
Also on a CD-ROM, *USGS Tsunami Sources Workshop: Proceedings on CD ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006

*Tsunami Library Catalog of the National Tsunami Hazard Mitigation Program*, included in *Bibliography of the Geology and Mineral Resources of Washington State*, Washington State Dept. of Natural Resources, at <http://www.2.wadnr.gov/dbtw-wpd/washbib.htm>

#### **Books, Monographs, and Pamphlets**

*Building Code Requirements for Structural Concrete*, American Concrete Institute, 1999, ACI 318-99

*Caribbean Tsunami Hazard*, NSF Caribbean Tsunami Workshop, March 30-31, 2004, San Juan, Puerto Rico, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, 341 pp

*Construction Materials for Coastal Structures*, by Moffatt & Nichol, Engineers, prepared for U.S. Army Corps of Engineers, Coastal Engineering Research Center, Special Report No. 9, February 1983, 427 pp

"Developing Tsunami-resilient Communities," *The National Tsunami Hazard Mitigation Program*, ed. E.N. Bernard, reprinted from *Natural Hazards*, Vol. 35, No. 1, 2005, Springer, The Netherlands, 184 pp

*Development of Design Guidelines for Structures that Serve as Tsunami Vertical Evacuation Sites*, by Harry Yeh, Ian Robertson, and Jane Preuss, Washington State Dept. of Natural Resources, Division of Geology and Earth Resources, Open File Report 2005-4, November 2005, 34 pp

*Flood Resistant Design and Construction*, American Society of Civil Engineers, Structural Engineering Institute, ASCE Standard SEVASCE 24-98, 1998 (also 2000), 58 pp; revised as ASCE 24-05, 2006, 61 pp (Has section on flood hazard areas subject to high velocity wave action)

*Helping Coastal Communities at Risk from Tsunamis -- The Role of U.S. Geological Survey Research*, by Eric L. Geist, Guy R. Gelfenbaum, Bruce E. Jaffe, and

Jane A. Reid, U.S. Geological Survey, USGS Fact Sheet 150-00, 2000, 2 pp

*Hilo Harbor, Hawaii*, Letter from the Secretary of the Army Transmitting a Letter from the Chief of Engineers, Department of the Army, Dated March 31, 1961, Submitting a Report...., U.S. Congress, House of Representatives, 87th Congress, 1st Session, House Document No. 197, June 15, 1961, 63 pp

*Inundations and Forces Caused by Tsunami for the State of Hawaii: Observations and Statistical Predictions*, by Charles L. Bretschneider and Pieter Wybro, Technical Supplement No. 5, Hawaii Coastal Zone Management Program, commissioned for the State of Hawaii, Dept. Planning and Economic Development, by the Pacific Urban Studies and Planning Program, Univ. Hawaii, Honolulu, HI, 15 May 1975, 88 leaves, ill., maps

*Minimum Design Loads for Buildings and Other Structures*, American Society of Civil Engineers, ASCE Standard, SEI/ASCE 7-02, 2003, 376 pp

*Natural Hazard Consideration for Purchasing Coastal Real Estate in Hawai'i: A Practical Guide of Common Questions and Answers*, by Dolan Eversole and Zoe Norcross-Nu'u, Univ. Hawaii, Sea Grant College Program, Honolulu, HI, 2006, 26 pp

*Strategic Implementation Plan for Tsunami Mitigation Projects, Approved by the Mitigation Subcommittee of the National Tsunami Hazard Mitigation Program*, April 14, 1998, by L. Dengler, NOAA Tech. Memo. ERL PMEL-113 (PB99-115552), NOAA/ Pacific Marine Environmental Laboratory, Seattle, WA, 1998, 133 pp

*Sumatra-Andaman Islands Earthquake and Tsunamis of December 26, 2004 Lifeline Performance. Preliminary*, eds. Carl Strand and John Masek, ASCE Technical Council on Lifeline Earthquake Engineering (TCLEE), Monograph No. 29, Oct. 2005, 270 pp

*Susceptibility of Puerto Rico to Local Tsunami Effects*, by V. Huerfano, Ph.D. thesis, Univ. Puerto Rico, Mayaguez, Puerto Rico, 2003, 108 pp

*Theoretical and Applied Seismology*, by Akitune Imamura, Maruzen Co., Tokyo, 1937, 358 pp (tsunamis, pp 127-137)

*Tsunami Assessment Method for Nuclear Power Plants in Japan*, by The Tsunami Evaluation Subcommittee of the Nuclear Civil Engineering Committee, Japan Society of Civil Engineers (JSCE), Feb. 2002, (date at top of page May 19, 2006), 72 pp

*Tsunami Glossary*, by Anon., International Oceanographic Commission (IOC) and International Tsunami Information Centre, UNESCO, 2006, 40 pp <http://ioc3.unesco.org/itic/contents.php?id=328>

*Tsunami Hazard 26.11.04 in Malaysia*, jointly by Academy of Sciences Malaysia and LESTARI (National University of Malaysia), 2006

#### **Catalogs**

"An Intra-Americas Sea Tsunami Warning System Project Proposal," UNESCO, Intergovernmental Oceanographic Commission, in *Caribbean Tsunami Hazard*, Proceedings of the NSF Caribbean Tsunami Workshop, Puerto Rico, March 30-31, 2004, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 7-40

*Catalog of Significant Earthquakes 2150 B.C.-1991 A.D.*, by P.K. Dunbar, P.A. Lockridge, and L.S. Whitestone, NOAA World Data Center for Solid Earth Geophysics, 1992, 320 pp

"Estimating the Threat of Tsunamiogenic Earthquakes and Earthquake Induced-Landslide Tsunami in the Caribbean," by William R. McCann, In *Caribbean Tsunami Hazard: Proceedings of the NSF Caribbean Tsunami Workshop*, Puerto Rico, March 30-31, 2004, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 43-65

"Evaluation of Tsunami Risk in the Lesser Antilles," by N. Zahibo, and E. Pelinovsky, *Natural Hazard and Earth Sciences*, Vol. 3, 2001, pp 221-231

"Historical Tsunamis in the Sea of Marmara," by Y. Altinok, S. Ersoy, A.C. Yalciner, B. Alper, and V. Kuran, In *International Tsunami Symposium (ITS 2001)*, Seattle, WA, Aug. 7-9, 2001, Session 4, Paper 4-2, 2001, pp 527-235

Modeling of Tsunamis in the Eastern Mediterranean and Comparison with Caribbean," by Ahmet Cevdet Yalciner, Hulya Karakus, and Ugur Kuran, In *Caribbean Tsunami Hazard*, Proceedings of the NSF Caribbean Tsunami Workshop, Puerto Rico, March 30-31, 2004, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 326-340

"Tsunamis in the Lesser Antilles," by Narciso Zahibo and Efim Pelinovsky, In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado -Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 244-254

"Tsunamis in the Sea of Marmara: Historical Documents for the Past, Models for the Future," by A.C. Yalciner, B. Alpar, Y. Altinok, I. Ozbay, and F. Imamura, *Marine Geology*, Vol. 190, 2002, pp 445-463

"Tsunamis Observed On and Near Turkish Coast," by Y. Altinok and S. Ersoy, *Journal of Natural Hazards*, Kluwer Acad. Pub., 2000, pp 185-199

#### Collections

No additions

#### Journals and Newsletters

*TsuInfo Alert Newsletter*, U.S. National Tsunami Hazards Mitigation Program, bi-monthly newsletter. Back issues are online at <http://www.dnr.wa.gov/geology/tsuinfo/>

#### Maps

*Inundation and Forces Caused by Tsunamis for the State of Hawaii: Observations and Statistical Predictions*, by Charles L. Bretschneider and Pieter Wybro, Technical Supplement No. 5, Hawaii Coastal Zone Management Program, commissioned for the State of Hawaii, Dept. Planning and Economic Development, by the Pacific Urban Studies and Planning Program, Univ. Hawaii, Honolulu, HI, 15 May 1975, 88 leaves, ill., maps

*Inundation Maps for the State of California*, by Richard K. Eisner, Jose C. Borrero, and Costas E. Synolakis, In *Proc. U.S. National Tsunami Hazard Mitigation Program Review and International Tsunami Symposium*, Settle, Washington, 7-10 August 2001, NTHMP Review Session, Paper R-4, 2001, pp 67-81; available at <http://www.pmel.noaa.gov/its2001/>  
<http://www.ocipep.gc.ca/research/reactivites/natHaz/>

*Probabilistic Tsunami Hazard Maps and GIS*, by F.L. Wong, E.L. Geist, and A. J. Venturato, in *ESRI International User Conference Proceedings*, (UC2000), 25-29 July 2005, San Diego, CA

*Puerto Rico Warning and Mitigation Program, Task 1: Coastal Flood Mapping for Puerto Rico and Adjacent Islands*, by A. Mercado and H. Justiniano, Tech, Rept. submitted to the Federal Emergency Management Agency and the University of Puerto Rico, 2003, 100 pp. Available at <http://poseidon.uprm.edu>

*The Puerto Rico Tsunami Warning and Mitigation Program*, by Aurelio Mercado-Irizarry and Christa von Hillebrandt, (incl. tsunami flood maps), In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 205-217

*Puget Sound Tsunami Sources - 2002 Workshop Report*, by F.I. Gonzalez, B.L. Sherrod, B.F. Atwater, A.P. Frankel, S.P. Palmer, J.L. Holmes, R.E. Karlin, B.E. Jaffe, V.V. Titov, H.O. Mofjeld, and Aa.J. Venturato, a contribution to the Inundation Mapping Project of the U.S. National Tsunami Hazard Mitigation Program, NOAA, OAR Special Report, NOAA/OAR/PMEL, 2004, 34 pp. Full Text]

*A Study of the Damage to Houses Due to a Tsunami*, by Tokutaro Hatori, *Bull. Earthquake Research Institute*, Univ. Tokyo, Japan, Vol. 42, Part 1, March 1964, pp 181-191 (Inundation area maps of 7 sites)

*Tsunami Hazard Map of the Bellingham Area, Washington - Modeled Tsunami Inundation from a Cascadia Subduction Zone Earthquake*, by T.J. Walsh, V.V. Titov, A.J. Venturato, H.O. Mofjeld, and F.I. Gonzalez, Washington Dept. of Natural Resources Open File Report 2004-15, 2004, 40"x36" color sheet, scale 1:50,000

*Tsunami Hazard Map of the Elliott Bay Area, Seattle, Washington - Modeled Tsunami Inundation from a Seattle Fault Earthquake*, by T.J. Walsh, V.V. Titov, A.J. Venturato, H.O. Mofjeld, and F.I. Gonzalez, Washington State Dept. of Natural Resources Open File Report 2003-14, 2003, 1 plate, scale 1:50,000

*Tsunami Runup Maps as an Emergency Preparedness Planning Tool: The November 18, 1929 Tsunami in St. Lawrence, Newfoundland as a Case Study*, by Alan Ruffman, Geomarine Associates Ltd., Halifax, Nova Scotia, Project 94-14, Report for Emergency Preparedness Canada, Evaluation and Analysis, Ottawa, Ontario, Contract No. 94-DO25, March 31, 1995 (revised August 9, 1995), 399 pp

*Tsunami Runup Mapping as an Emergency Preparedness Planning Tool: The 1929 Tsunami in St. Lawrence, Newfoundland*, by Alan Ruffman, Geomarine Associates Ltd., Halifax, Nova Scotia, Project 94-14, report for Emergency Preparedness Canada, Office of the Scientific Advisor, Ottawa, Ontario, Contract No. 94-DO25, revised November 7, 1996, Vol. 1 -- Report, 144 pp; Vol. 2 -- Appendices and Enclosures, 281 pp; Vol. 1 issued in July 1997 as an Emergency Preparedness Canada report under the same English title, produced within the Canadian Framework for the International Decade for Natural Disaster Reductio, 107 pp, Canada Dept. Public Works and Government Services, Catalogue No. D82-41/1-1996E, ISBN: 0-662-25859-2; Volume 2 placed in several archival locations in July 1997 as an Emergency Preparedness Canada report under the same title, 281 pp  
[en\\_tsunami/1994-DO25\\_e.asp](http://www.dnr.wa.gov/geology/en_tsunami/1994-DO25_e.asp)

*Type 16 Flood Insurance Study: Tsunami Predictions for Pacific Coastal Communities*, by J.R. Houston and A.W. Garcia, prepared for Federal Insurance Administration, by U.S. Army Corps of Engineers, Waterways Experiment Station, Hydraulics Lab., Vicksburg, MS, Tech. Rept. H-74-3, May 1974, 128 pp (many maps showing estimated runups due to a 100- and a 500-year tsunami, local mean sea level datum)

#### Organizations

National Oceanic and Atmospheric Administration, NOAA Tsunami Program Office, Silver Spring, MD  
<http://www.tsunami.gov>  
<http://www.noaa.gov/>

Washington Department of Natural Resources, Division of Geology and Earth Resources, Olympia, WA  
<http://www.dnr.wa.gov/geology/>

#### Proceedings, Symposia, and Workshops

*Caribbean Tsunami Hazard: Proceedings of the NSF Caribbean Tsunami Workshop, San Juan, Puerto Rico, 30-31 March 2004*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., Singapore, Feb. 2006, 341 pp

*International Conference on Tsunamis, Paris, France, May 26-28, 1998*, Publications CEA-LDG, BP12, 91680 Bruyeres-le-Chatel, France, 1999

*International Tsunami Symposium, Novosibirsk, USSR, July 31-August 1, 1989: Proceedings*. Also has title *Tsunamis: Their Science and Hazard Mitigation: Proceedings of the International Tsunami Symposium, July 31-August 3, 1989*, ed. V.K. Gusiakov, Novosibirsk, 1990, 294+ pp

*Long-Wave Runup Models, Friday Harbor, USA, 12-17 September 1995*, eds. Harry Yeh, Philip Liu, and Costas Synolakis, World Scientific Pub. Co., 1996, 403 pp

*Proceedings of a Workshop on Construction Guidance for Areas of High Seismic and Tsunami Loading*, eds. T.J. Walsh, George Crawford, Richard Eisner, and J.V. Preuss, Washington Emergency Management Division, Washington State Military Dept., 2002, 25 pp

*Puget Sound Tsunami Sources - 2002 Workshop Report*, by F.I. Gonzalez, B.L. Sherrrod, B.F. Atwater, et al., a contribution to the Inundation Mapping Project of the U.S. National Tsunami Hazard Mitigation Program, NOAA OAR Special Report NOAA/OAR/PMEL, 2002, 34 pp. Full Text]

*Underwater Ground Failures on Tsunami Generation, Modeling, Risk and Mitigation*, NATO Advanced Workshop, Istanbul, Turkey, 23-26 May 2001, 2002

*USGS Tsunami Sources Workshop 2006. Great Earthquake Tsunami Sources: Empiricism & Beyond, April 21-22, 2006, Workshop Program Agenda and Abstracts*, sponsored by the Earthquake Hazards and Coastal & Marine Geology Programs of the U.S. Geological Survey at Menlo Park, CA, 2006, 46 pp

*USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, California, compiled by Mike Diggles, Eric Geist, Anon., "Roundtable Discussion of Topic B - Applications of Numerical Modeling to Improved Travel Time Predictions, Source Region Definition, Inundation and Run-up Prediction," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November*

and Willie Lee, U.S. Geological Survey, CD-ROM, 2006

#### Videos and Photographs

##### Videos

No additions

##### Photographs

"A Tsunami Accompanying the Niigata Earthquake of June 16, 1964," by I. Aida, K. Kajiura, T. Hatori, and T. Momoi, *Bull. Earthquake Research Institute, Univ. Tokyo, Japan, Vol. 42, Part 4, Dec. 1964*, pp 741-780 (15 photos); abstract in English

#### B. ARTICLES, PAPERS, REPORTS

Academy of Sciences Malaysia and LESTARI (National University of Malaysia), *Tsunami Hazard 26.12.04 in Malaysia*, 2006

Aida, Isamu, Kinjiro Kajiura, Tokutaro Hatori, and Takao Momoi, "A Tsunami Accompanying the Niigata Earthquake of June 16, 1964," *Bull. Earthquake Research Institute, Univ. Tokyo, Japan, Vol. 42, Part 4, Dec. 1964*, pp 741-780 (15 photos; abstract in English, pp 779-789)

Alavi, M., *Surge Run-up on Sloping Beach and Surge Forces on Piles*, Univ. California, Berkeley, CA, College of Engineering, memo to Prof. R.L. Wiegel, 1964

Altinok, Y., and S. Ersoy, "Tsunamis Observed On and Near Turkish Coasts," *Jour. Natural Hazards, Kluwer Acad. Pub.*, 2000, pp 185-199

Altinok, Y., S. Ersoy, A.C. Yalciner, B. Alpar, and U. Kuran, "Historical Tsunamis in the Sea of Marmara," In *International Tsunami Symposium (ITS 2001)*, Seattle, WA, Aug. 7-9, 2001, Session 4, Paper 4-12, 2001, pp 527-535

American Society of Civil Engineers (ASCE), Structural Engineering Institute, *Flood Resistant Design and Construction*, ASCE Standard SEVASCE 24-98, 2000, 58 pp; revised as ASCE 24-05, 2006, 61 pp (Has section on flood hazard areas subject to high velocity wave action)

American Society of Civil Engineers (ASCE), Technical Council on Lifeline Earthquake Engineering (TCLEE), *Sumatra-Andaman Islands Earthquake and Tsunami of December 26, 2004 Lifeline Performance. Preliminary*, eds. Carl Strand and John Masek, TCLEE Monograph No. 29, ASCE, Oct. 2005, 270 pp

Anon., "System Will Warn of Tsunamis by 1989," by Staff Reporter, *China Daily*, Beijing, Sept. 9, 1987, p. 3

Anon., "Roundtable Discussion of Topic A - Predictions and Observations of Tsunami Behavior in Coastal Waters and on Land," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 67-72

1990, *Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 189-194

- Anon., "Roundtable Discussion of Topic C - Protective Measures in Japan and the U.S. with Regard to the Use of Numerical Models and the Design Tsunami Concept," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 257-260
- Anon., (interviews with B.S. Yanagi and others), "Tsunami! Preparing Hawaii for the Next Big Wave," *Coastal Services*, NOAA, Vol. 7, Issue 5, Sept./Oct. 2004, pp 4,5, and 9
- Anon., "NOAA Launches First Set of Atlantic Tsunami Buoy Stations," (DART), *Sea Technology*, Vol. 47, No. 5, May 2006, p. 9
- Anon., "Duo-Scenario of Exercise Pacific Wave 06," *Tsunami Newsletter*, Vol. 38, No. 1, Jan.-April 2006, pp 1-2
- Anon., "Summary of Earthquakes Occurring Jan.-April 2006," (tsunami, Buru Island, Indonesia, 14 March 2006), *Tsunami Newsletter*, Vol. 38, No. 1, Jan.-April 2006, pp 2-3
- Anon., "Exercise Pacific Wave '06 - Philippine Drill Observed by Indian Ocean Countries," *Tsunami Newsletter*, Vol. 38, No. 2, May-June 2006, p. 1
- Anon., "Summary of Earthquakes Occurring May-June 2006," *Tsunami Newsletter*, Vol. 38, No. 2, May-June 2006, p. 2
- Anon., "Tonga 3 May 2006, 15:37 UTC, Mw=7.9," (small tsunami), *Tsunami Newsletter*, Vol. 38, No. 2, May-June 2006, pp 2-4
- Anon., "The Second Session of the Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North Eastern Atlantic, the Mediterranean and Connected Seas (ICG/NEAMTWS), Nice, France, 22-24 May 2006," *Tsunami Newsletter*, Vol. 38, No. 2, May-June 2006, pp 7-10
- Anon., "ICG/PTWS XXI, Melbourne, Australia, 3-5 May 2006," *Tsunami Newsletter*, Vol. 38, No. 2, May-June 2006, pp 10-17
- Anon., "The Outcome of Pacific Wave '06," *Tsunami Newsletter*, Vol. 38, No. 2, May-June 2006, pp 18-21
- Anon., "IOC-USGS Seismology & Tsunami Warning Training. Jakarta, Indonesia, 8-17 May 2006; Bangkok, Thailand, 15-22 May 2006," *Tsunami Newsletter*, Vol. 38, No. 2, May-June 2006, pp 21-22
- Anon., "Workshop and Meeting Summaries. Great Earthquake Tsunami Sources: Empiricism & Beyond, Menlo Park, CA, USA, 21-22 April 2005; Pacific Island Countries Workshop, Melbourne, Australia, 1-2 May 2006," *Tsunami Newsletter*, Vol. 38, No. 2, May-June 2006, p. 23
- Anon., "Stealth Tsunami Surprises Indonesian Coastal Residents," *Science*, Vol. 313, Issue 5788, 11 August 2006, pp 742-743
- Anon., "Flying High," (tsunami deaths, 26 Dec. 2004), *The Economist*, Vol. 380, No. 8497, 30 Sept. 2004.
- Bernard, E.N., R.R. Behn, G.T. Hebenstreit, F.I. Gonzalez, et al., "On Mitigating Rapid Onset Natural Disasters: Project THRUST (Tsunami Hazards Reduction Utilizing Systems Technology)." In *Proceedings of Workshop XLVI, the 7th U.S.-Japan Seminar on* 2006, p. 72
- Anon., (AP), "Japan Issues Warning after Earthquake," *The Maui News*, 16 Nov. 2006, p A1
- Arnason, H., *Interactions Between an Incident Bore and a Free-Standing Coastal Structure*, Ph.D. thesis, Univ. Washington, Seattle, WA, 2005, 172 pp
- Bagla, Pallava, "Isolate or Engage? Indigenous Islanders Pose Challenge for India," *Science*, Vol. 313, Issue 5783, 7 July 2006, p. 34
- Barberopoulou, Aggeliki, "Investigating the Damage Potential of Seiches Initiated by Seismic Wave Motions: A Case Study of the Puget Lowland, Washington State," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Poster Folder (pdf)
- BBC News, "Seawall Protects City from Tsunami," (Male, Maldives), *Civil Engineering*, Vol. 75, No. 2, Feb. 2005, p. 31
- Berger, U., and S. Kohlhas, "Mach-reflection as a Diffraction Problem," In *Proc. 15th Conf. Coastal Engineering, 11-17 July 1976, Honolulu, HI*, ed. J.W. Johnson, ASCE, 1977, pp 796-814
- Bernard, E.N., *A Numerical Study of the Tsunami Response of the Hawaiian Islands*, Hawaii Inst. Geophysics, Univ. of Hawaii Honolulu, and Joint Tsunami Research Effort Report, NOAA-JTRE-167 and HIG-76-6, 1976, 73 pp
- Bernard, E.N., *Tsunami Research Opportunities - An Assessment and Comprehensive Guide*, National Science Foundation/ National Oceanic and Atmospheric Administration Special Report, 1981
- Bernard, E.N., and R. Goulet, eds., *Tsunami Research Opportunities: An Assessment and Comprehensive Guide*, NSF, USDOC/NOAA joint publication, 1981, 50 pp
- Bernard, E.N., J.F. Lander, and G. T. Hebenstreit, *Feasibility Study on Mitigating Tsunami Hazards in the Pacific*, NOAA Tech. Memo. ERL PMEL-37 (PB83-182311), 1982, 41 pp
- Bernard, E.B., "A Tsunami Research Plan for the United States," *Earthquake Engineering Research Institute*, Vol. 17, 1983, pp 13-26
- Bernard, E.N., and R.R. Behn, "Regional Tsunami Warning System (THRUST)," In *Proceedings of the International Tsunami Warning Symposium, Victoria, B.C., August 6-9, 1985*, pp 94-102
- Bernard, E.N., R.R. Behn, and H. B. Milburn, "A Tsunami Early Warning System - Summary," In *Proceedings of the International Tsunami Symposium, IUGG, August 18-19, 1987, Vancouver, B.C., Canada, 1988*, pp 276-290
- Bernard, E.N., "Early Warning System for Tsunamis is Tested Successfully in Chile," *Water Res. J.*, Sept. 1989, pp 66-69; also in *Earth in Space*, Vol. 1, No. 9, 1989, pp 7-10
- Earthquake Prediction, 12-15 September 1989, Menlo Park, CA, USGS Open-File Report 90-98, 1990, pp 125-130*
- Bernard, E.N., ed., *Tsunami Hazard, Special Issue*,

- Selected papers from Fourteenth International Symposium, Novosibirsk, USSR, 31 July-3 August 1989, sponsored by IUGG, special issue of *Natural Hazards*, Vol. 4, Nos. 2&3, 1991, pp 113-326
- Bernard, E.N., "Assessment of Project THRUST: Past, Present and Future," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Documentation Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 247-256
- Bernard, E.N., and F.I. Gonzalez, "Tsunami Devastates Japanese Coastal Region," *EOS, Trans.*, *Amer. Geophys. Union*, Vol. 74, No. 37, 1993, pp 417 and 432
- Bernard, E.N., F.I. Gonzalez, and K. Satake, "The Cape Mendocino Tsunami, 25 April 1992," In *Tsunami '93, Proceedings of the IUGG/IOC International Tsunami Symposium, Wakayama, Japan, August 23-27, 1993*, 1993, pp 461-467
- Bernard, E.N., and F.I. Gonzalez, "Tsunami Runup Distribution Generated by the July 12, 1993, Hokkaido-Nansei-Oki Earthquake," In *Proceedings: 26th Meeting of the U.S.- Japan Cooperative Program in Natural Resources Panel on Wind and Seismic Effects, Gaithersburg, MD, 16-20 May 1994*, pp 335-343
- Bernard, E.N., "Program Aims to Reduce Impact of Tsunamis on Pacific States," *Earth in Space*, Vol. 11, No. 2, 1998, pp 6-10, and 14
- Bernard, E.N., "Tsunami," In *Natural Disaster Management*, Tudor Rose, Leicester, England, 1999, pp 58-60
- Bernard, E.N., "The U.S. National Tsunami Hazard Mitigation Program Summary," In *Proceedings of the International Tsunami Symposium 2001 (ITS 2001)*, Seattle, WA, 7-10 August 2001, NTHMP Review Session R-1, on CD-ROM, 2001, pp 21-27
- Bernard, E.N., "Tsunami Reduction of Impacts through Three Key Actions (TROIKA)," In *Proceedings of the International Tsunami Symposium 2001 (ITS 2001)*, Seattle, WA, 7-10 August 2001, Session 1-1, on CD-ROM, 2001, pp 247-262
- Bernard, E.N., "The U.S. National Tsunami Hazard Mitigation Program," In *Proceedings: Solutions to Coastal Disasters '02*, San Diego, CA, 24-27 Feb. 2002, eds. L. Ewing and L. Wallendorf, ASCE, 2002, pp 964-971
- Bernard, E.N., "Tsunami," In *McGraw-Hill Encyclopedia of Science and Technology*, Vol. 18, 2002, pp 681-683
- Bernard, E.N., ed., "Developing Tsunami-resilient Communities" *The National Tsunami Hazard Mitigation Program*, reprinted from *Natural Hazards*, Vol. 35, No. 1, 2005, Springer, The Netherlands, 184 pp
- Bernard, E.N., "The U.S. National Tsunami Hazard Mitigation Program: A Successful State - Federal Partnership," *Natural Hazards*, Vol. 35, No. 1, Special Issue, *U.S. National Tsunami Hazard Mitigation Program*, 2005, pp 5-24
- Bilek, S.L., and T. Lay, "Tsunami Earthquakes Possibly Widespread Manifestations of Frictional Chang, Kenneth (New York Times), "Quake Trips Tsunami Alerts on Pacific Rim," *San Francisco Chronicle*, CA, 4 May 2006, p. A3
- Conditional Stability," *Geophysical Res. Letters*, Vol. 49, GL015215, 2002
- Blakeslee, Sandra, "Ancient Crash, Epic Wave," *The New York Times*, 14 Nov. 2006  
<http://www.nytimes.com/2006/11/14/science/14WAVE.html?8dpc=...>
- Blewitt, Geoffrey, Corne Kreemer, William C.J. Hammond, Hans-Peter Plag, Seth Stein, and Emile Okal, "Rapid Determination of Earthquake Magnitude Using GPS for Tsunami Warning Systems," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Bormann, Peter, Kurt Wylegalla, and Joachim Saul, "Near Real-time Broadband Body-wave Magnitudes Mb and mBc: Automatic Procedure for Reliable Magnitude Estimates of Strong Earthquakes," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Poster Folder (pdf)
- Borerro, J.C., M.R. Legg, and C.E. Synolakis, "Nearshore Tsunami Sources in Southern California," *Geophysical Research Letters*, Vol. 31, July 2004
- Borerro, J.C., F.I. Gonzalez, V.V. Titov, J.C. Newman, A.J. Venturato, and G. Legg, *Application of FACTS as a Tool for Modeling, Archiving and Sharing Tsunami Simulation Results*, Abstract and Poster, American Geophysical Union Fall Meeting, San Francisco, CA, Dec. 2004
- Borrero, Jose, and Costas Synolakis, "Advances in Tsunami Inundation Mapping in California," Abstract, In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, p. 341
- Bryant, E.A., R.W. Young, and D.M. Price, "Tsunami as a Major Control of Coastal Evolution, Southeastern Australia," *J. Coastal Research*, Vol. 12, No. 4, 1996, pp 831-840
- Bryant, E.A., and R.W. Young, "Bedrock-Sculpturing by Tsunami, South Coast, New South Wales, Australia," *Jour. Geology*, Vol. 104, 1996, pp 565-582
- Bungum, H., C.B. Harbitz, F. Lovholt, et al., "Tsunami Hazard and Risk Assessment Along the Western Coast of Thailand," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, in Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM. Abstract and Poster Folder (pdf)
- Burroughs, S.M., and S.F. Tebbens, "Power Law Scaling and Probabilistic Forecasting of Tsunami Runup Heights," *Pure and Applied Geophysics*, Vol. 162, 2005, pp 331-342
- Byrne, Roger, and Liam Reidy, with the assistance of Dyuti Sengupta et al., *Recent (1850-2005) and Late Holocene (AD400-AD1850) Sedimentation Rates at Bolinas Lagoon, Marin County, California*, report submitted to Marin County Open Space District, CA, 9 February 2006, 37 pp, ill., maps
- Chang, K.-T., *Evolution of Landslide-generated Edge Wave Packet*, Ph.D. thesis, Univ. Washington,

Seattle, WA, 1995

Chen, M.H.T., *Tsunami Propagation and Response to Coastal Areas*, Hawaii Inst. Geophys., Univ. Hawaii, Honolulu, HI, Tech. Rept. HIG-73-15 and NOAA-JTRE-95, 1973, 75 pp

*China Daily*, "System Will Warn of Tsunamis by 1989," by Staff Reporter, Beijing, China, 9 September 1987, p. 3

Chlieh, M., J.P. Avouac, K. Sieh, D.H. Natawidjaja, and J. Galetzka, "Asperities and Barriers along the Sumatra Subduction Zone," In *Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Poster Folder (pdf)

Chowdhury, R., "Analysis of the Vajont Slide - New Approach," *Rock Mechanics*, Vol. 11, 1978, pp 31-38

Cornell, C.A., "Engineering Seismic Risk Analysis," *Bull. Seis. Soc. Amer.*, Vol. 58, 1968, pp 1,583-1,606

Cox, Doak C., Masashi Hom-ma, Masatsuga Suzuki, Ryutaro Takahashi, and Robert L. Wiegel, *Physically Feasible Means for Protecting Hilo from Tsunamis*, Third Report of the Hilo Technical Tsunami Advisory Council, to the Board of Supervisors, Hawaii County, through its Tsunami Advisory Committee, 31 Dec. 1965, 38 pp

Curtis, G.D., "Inundation and Tsunami Waves," In *2nd UUNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 197-202

Danish Hydraulic Institute (DHI), *MIKE 21-BW Numerical Model (Boussinesq water wave equations, two-dimensional)*, 2006  
[http://www.dhisoftware.com/Mike21/Description/m21bw/BW\\_Module.htm](http://www.dhisoftware.com/Mike21/Description/m21bw/BW_Module.htm)

Davidson, Keay, "State Warning System Failed at Crucial Point," (Crescent City, CA), *San Francisco Chronicle*, CA, 17 Nov. 2006, p. A12

Delmonte, Richard C., *Forces Exerted by Waves Breaking Seaward of a Vertical Seawall*, Hydraulic Engineering Laboratory, Univ. of California, Berkeley, CA, Tech. Rept. HEL 9-20, June 1972, 29 pp

Dengler, L., *Strategic Implementation Plan for Tsunami Mitigation Projects, Approved by the Mitigation Subcommittee of the National Tsunami Hazard Mitigation Program, April 14, 1998*, NOAA Tech. Memo. ERL PMEL-113 (PB99-115552), NOAA/Pacific Marine Environmental Laboratory, Seattle, WA, 1998, 133 pp  
<http://www.pmel.noaa.gov/pubs/PDF/deng2030/deng2030.pdf>

Deutsch, Anthony, (Associated Press), "Hundreds Panic, Flee on Rumor of New Tsunami," *San Francisco Chronicle*, CA, 20 July 20, 2006, p. A14

Diggles, Mike, Eric Geist, and Willie Lee, compilers, *USGS Tsunami Sources Workshop: Geist, Eric L., Guy R. Gelfenbaum, Bruce E. Jaffe, and Jane A. Reid, Helping Coastal Communities at Risk from Tsunamis -- The Role of U.S. Geological Survey Research*, U.S. Geological Survey, USGS Fact Sheet 150-00, 2000, 2 pp

*Proceedings on CD-ROM, April 21 and 21, 2006*, held at Menlo Park, CA, U.S. Geological Survey, CD-ROM, 2006

Driscoll, N.W., J.K. Weissel, and J.A. Goff, "Potential for Large-scale Submarine Slope Failure and Tsunami Generation along the U.S. Mid-Atlantic Coast," *Geology*, Vol. 28, 2000, pp 407-410

Dunbar, P.K., P.A. Lockridge, and L.S. Whiteside, *Catalog of Significant Earthquakes 2150 B.C. - 1991 A.D.*, NOAA World Data Center A for Solid Earth Geophysics, 1992, 320 pp

Eble, M., J. Newman, J. Wendland, B. Kilonsky, D. Luther, Y. Tanioka, M. Okada, and F.I. Gonzalez, *The 10 June 1996 Andreanov Tsunami Database*, NOAA Data Report ERL PMEL-64 (PB98-130495), NOAA/Pacific Marine Environmental Laboratory, Seattle, WA, 1997, 101 pp

Engdahl, E.R., R.D. Van der Hilst, and R.P. Buland, "Global Teleseismic Earthquake Relocation with Improved Travel Times and Procedures for Depth Determination," *Bull. Seism. Soc. Amer.*, Vol. 88, 1998, pp 722-743

Eversole, Dolan, and Zoe Norcross-Nu'u, *Natural Hazard Considerations for Purchasing Coastal Real Estate in Hawai'i: A Practical Guide of Common Questions and Answers*, Univ. Hawaii, Sea Grant College Program, Honolulu, HI, 2006, 26 pp

Fimrite, Peter, "Tsunami-wary town Wants to Know Why It Wasn't Warned," (Crescent City, CA), *San Francisco Chronicle*, CA, 17 Nov. 2006, pp A1 and A12

Firdaus, Irwan, "Killer Tsunami Hits Java Beaches," *San Francisco Chronicle*, CA, 18 July 2006, p. A8

Fritz, H.M., "PIV Applied to Landslide Generated Impulsive Waves," In *Laser Techniques for Fluid Mechanics*, eds. R.J. Adrian, et al., Springer, 2002, pp 305-320

Fritz, H.M., "Initial Phase of Landslide Generated Impulsive Waves," In *VAW Mitteilung 178*, ed. H.-E. Minor, Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie, ETH Zurich, 2002

Fritz, H.M., and P. Moser, "Pneumatic Landslide Generator," *Intl. J. Fluid Power*, Vol. 4, No. 1, 2003, pp 49-57

Fritz, H.M., W.H. Hager, and H.-E. Minor, "Landslide Generated Impulsive Waves, Part 1: Instantaneous Flow Fields," *Exp. Fluids*, Vol. 35, 2003, pp 505-519

Fritz, H.M., W. H. Hager, and H.-E. Minor, "Landslide Generated Impulsive Waves, Part 2: Hydrodynamic Impact Craters," *Exp. Fluids*, Vol. 35, 2003, pp 520-532

Fritz, Hermann M., "Physical Modeling of Landslide Generated Tsunami," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 308-324

Geist, E.L., and S. Yoshioka, "Source Parameters Controlling the Generation and Propagation of Potential Local Tsunamis along the Cascadia Margin," *Natural Hazards*, Vol. 13, 1996, pp 151-177

Geist, E.L., V.V. Titov, and C.E. Synolakis, "Tsunami: Wave of Change," *Scientific American*, Vol. 294, No. 1, 2006, pp 56-63

- Geist, E.L., S. Bilek, D. Arcas, and V.V. Titov, "Differences in Tsunami Generation between the December 26, 2004 and March 28, 2005 Sumatra Earthquakes, *Earth, Planets, and Space*, Vol. 58, 2006, pp 195-201
- Geist, Eric L., and David D. Oglesby, "Tsunami Modeling of Complex Fault Sources," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Gelling, Peter, "Tsunami Survivors Take to the Hills," (Java), *San Francisco Chronicle*, CA, 19 July 2006, p. A13
- Giardini, D., G. Grunthal, K. Shedlock, and P. Zhang, "The GSHAP Global Seismic Hazard Map," In *International Handbook of Earthquake and Engineering Seismology*, eds. W. Lee, H. Kanamori, and P. Jennings, IASPEI, 2003
- Gica, Edison, Mick Spillane, Vasily V. Titov, and Chris Chamberlin, "Defining Tsunami Sources for Real-time Tsunami Forecasting," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Gisler, Galen, Robert Weaver, Charles Mader, and Michael Gittings, "Two-dimensional Simulations of Explosive Eruptions of Kick-em Jenny and Other Submarine Volcanoes," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 138-148
- Goda, Y., S. Haranaka, and M. Masahata, "Study of Impulsive Breaking Wave Forces on Piles," *Rept. Port and Harbour Research Inst.*, Ministry of Transport, Japan, Vol. 5, No. 6, 1966, 20 pp (in Japanese; see Sawaragi and Nochino, 1984, for summary in English)
- Goldfinger, C., A. Morey-Ross, Morgan Erhardt, C.H. Nelson, and J. Pastor, "Cascadia Great Earthquake Recurrence: Rupture Lengths, Correlations and Constrained OxCal Analysis of Event Ages," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Gonzalez, F.I., E.N. Bernard, and R.R. Behn, "On the Chilean Tsunami of March 3, 1985," In *Proceedings of the International Tsunami Symposium, Victoria, B.C., 6-9 August 1985*, 1985, pp 57-61
- Gonzalez, F.I., E.N. Bernard, and H.B. Milburn, "A Program to Acquire Deep Ocean Tsunami Measurements in the North Pacific," In *Proceedings of Coastal Zone '87, Seattle, WA, 27-29 May 1987*, ASCE, 1987, pp 3,373-3,381
- Gonzalez, F.I., C. Fox, E.N. Bernard, "Tsunami Source Definition Through Pre- and Post-Event Seafloor Mapping," In *Proceedings of the Third Biennial National Ocean Service International Hydrographic Conference, Baltimore, MD, April 12-15, 1988*, pp 102-108
- Hashimoto, M., N. Choosakul, M. Hashizume, et al., "Crustal Deformations Associated with the Great Sumatra-Andaman Earthquake Deduced from Continuous GPS Observations," *Earth, Planets, and Space*, Vol. 58, 2006, pp 127-139
- Gonzalez, F.I., "Deep Ocean Recordings of Tsunamis," In *Proceedings of the 22nd Joint UJNR Meeting on Wind and Seismic Effects, Gaithersburg, MD, 14-25 May 1990*, NIST SP796, 1990, pp 53-58
- Gonzalez, F.I., and E.N. Bernard, "Deep Ocean Tsunami and Seismic Wave Observations: Three Recent Gulf of Alaska Events," In *Proceedings of Workshop XLVI, the 7th U.S.-Japan Seminar on Earthquake Prediction, 13-15 September 1988, Menlo Park, CA*, USGS Open-File Report 90-98, 1990, pp 131-134
- Gonzalez, F.I., and Ye.E. Kulikov, "On Frequency Modulation Observed in Two PacTOD Deep Ocean Tsunami Records," In *Proceedings, 2nd UJNR Workshop, Honolulu, HI, 5-6 November 1990*, eds. A.M. Brennan and J.F. Lander, NOAA, Boulder, CO, NGDC Geophysical Record Document No. 24, 1990, pp 27-29
- Gonzalez, F.I., and E.N. Bernard, "The Cape Mendocino Tsunami," *Earthquakes and Volcanoes*, Vol. 23, No. 3, 1993, pp 135-138
- Gonzalez, F.I., T. Mero, and D. Castel, "U.S. Tsunami Measurement Capabilities," In *Proceedings, Third UJNR Tsunami Workshop, 27 August 1993, Osaka, Japan*, 1994, pp 46-49
- Gonzalez, F.I., B.L. Sherrod, B.F. Atwater, A.P. Frankel, S.P. Palmer, J.L. Holmes, R.E. Karlin, B.E. Jaffe, V.V. Titov, H.O. Mofjeld, and A.J. Venturato, *Puget Sound Tsunami Sources - 2002 Workshop Report*, a Contribution to the Inundation Mapping Project of the U.S. National Tsunami Hazard Mitigation Program, NOAA OAR Special Report, NOAA/OAR/PMEL, 2003, 34 pp. Full Text]
- Gonzalez, F.I., V.V. Titov, J.O. Mofjeld, and J.C. Newman, "Project SIFT (Short-term Inundation Forecasting for Tsunamis)," In *Underwater Ground Failure on Tsunami Generation, Modeling, Risk, and Mitigation, NATO Advanced Workshop, Istanbul, Turkey, 23-26 May 2001*, 2002, pp 221-226
- Gordon, Mike, "Tsunami Pays Brief Visit to Islands," *The Honolulu Advertiser*, 16 Nov. 2006, pp A1 and A2
- Goto, C., "Simulation Models of Timber and Oil Spread Due to Tsunamis," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Records Documentation No. 24, Boulder, CO, March 1991, pp 63-66
- Gusiakov, V., *Tsunami Travel Time Calculation Program for the Caribbean Region, Version 2.4*, Tsunami Laboratory, Inst. of Computational Mathematics and Mathematical Geophysics, Siberian Division of the Russian Academy of Sciences, Novosibirsk, CD, 2000
- Hall, M., "The Great Earthquake of January 14, 1907 and After-shocks," *Jamaica Weather Report No. 337*, 1907
- Harvey, R.R., and G.R. Miller, "Soviet-American Cooperative Tsunami Study," In *Abstracts of Papers: Fifteenth Coastal Engineering Conference, July 11-17, 1976, Honolulu, Hawaii*, ASCE, 1976, pp 839-841
- Hatori, Tokutaro, and Ryutaro Takahasi, "On the Iturup Tsunami of Oct. 13, 1963, as Observed Along the Coast of Japan," *Bull. Earthquake Research Institute, Univ. Tokyo, Japan*, Vol. 41, Part 3,

- Sept. 1964, pp 543-554 (Iturup I., Kuril Islands)
- Hawkes, Andrea D., David B. Scott, Jere H. Lipps, and Rod Combellick, "Evidence for Possible Precursor Events of Megathrust Earthquakes on the West Coast of North America," *Geol. Soc. Amer. Bulletin*, Vol. 117, Issue 7, 2005, pp 996-1,008
- Healy, Michelle, "Study: Sumatra in a Tsunami Pattern," *USA Today*, 6 Dec. 2006, p. 4D
- Hebenstreit, G.T., F.I. Gonzalez, and A.F. Morris, "Near-source Tsunami Simulations of Valparaiso Harbor, Chile," In *Proceedings of the International Tsunami Symposium, Victoria, B.C., August 6-9, 1985*, 1985, pp 62-67
- Hebenstreit, G., and M.S. Moustafa, "Modeling Implications of the 1985 Chilean Tsunami (Abstract only), In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 35-36
- Hebenstreit, J., F.I. Gonzalez, and J. Preuss, "Tsunami Impact and Mitigation in Inhabited Areas," In *Earth Science in the City: A Reader*, eds. G. Heiken, R. Fakundiny, and J. Sutter, Amer. Geophys. Union, Washington, D.C., 2003, pp 171-186
- Hilo Technical Tsunami Advisory Council, *Physically Feasible Means for Protecting Hilo from Tsunamis*, Third Report of the Hilo Technical Tsunami Advisory Council, to the Board of Supervisors, Hawaii County, through its Tsunami Advisory Committee, 31 Dec. 1965, 38 pp
- Hirata, K., K. Satake, Y. Tanioka, T. Kuragano, Y. Hasegawa, Y. Hayashi, and N. Hamada, "The 2004 Indian Ocean Tsunami: Tsunami Source Model from Satellite Altimetry," *Earth, Planets, and Space*, Vol. 58, 2006, pp 195-201
- Hirshorn, Barry, "Map and Other Rapid Estimates of Source Parameters for Tsunami Warning," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Hsu, Vindell, "Characterizing the Rupture of Large Earthquakes Using IMS Seismic Arrays," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Poster Folder (pdf)
- Hudnut, Kenneth W., "Geologic and Geodetic Aspects of the 2004 Sumatra-Andaman and 2005 Nias-Simeulue Earthquakes," In *USGS Tsunami Sources Workshop: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Huerfano, V., *Susceptibility of Puerto Rico Due to Local Tsunami Effects*, Ph.D. thesis, Univ. Puerto Iwasaki, S., "On the Generation Mechanism of the Low Frequency T Phase Due to Tsunamiogenic Earthquakes," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 31-34
- Rico, Mayaguez, Puerto Rico, 2003, 108 pp
- Hydro Research Science, Inc., *Hydraulic Model Study of the Mauna Lani Marina* (Hawaii), Santa Clara, CA, Rept. 192-89, 1989
- Hyndman, Roy, "Physical Constraints on Maximum Tsunamis Amplitude," In *USGS Tsunami Sources Workshop: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Ichinose, Gene, Hong Kie Thio, Paul Somerville, and Dan O'Connell, "A Comparison Between the Great 1964 Alaska and 2004 Sumatra Earthquake Rupture Models from the Inversion of Seismic, Tsunami and Geodetic Data," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Poster Folder (pdf)
- Iida, Kumizi, and Yutaka Ohta, "On the Height of the Chilean Tsunami on the Pacific Coasts of Central Japan and the Effect of Coasts on the Tsunami, Particularly on the Comparison Between the Tsunami and those that Accompanied the Tonankai and Nankaido Earthquakes," In *Report of the Chilean Tsunami of May 24, 1960, as Observed Along the Coast of Japan*, by the Committee for Field Investigation of the Chilean Tsunami of 1960, Ryutaro Takahasi, Chairman, Tokyo, December 1961, pp 108-125
- Imamura, Akitune, *Theoretical and Applied Seismology*, Maruzen Co., Tokyo, 1937, 358 pp (tsunamis, pp 127-137)
- Imamura, F., and N. Shuto, "Hydraulic and Numerical Experiments of Non-linear Dispersive Long Waves in a Two-dimensional Wave Basin," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 117-122
- Imamura, F., S. Koshimura, H. Iwasa, S. Imoto, K. Sato, and N. Shuto, "TIMING: Sanriku Network for the Exchange of Tsunami Information," In *Proceedings of the International Tsunami Symposium 2001 (ITS 2001)*, Seattle, WA, 7-10 August 2001, on CD-ROM, pp 589-593
- International Oceanographic Commission (IOC) and International Tsunami Information Centre, UNESCO, *Tsunami Glossary*, 2006, 40 pp  
<http://ioc3unesco.org/itic/contents.php?id=328>
- Irschik, Kai, Uwe Sparboom, and Hocine Oumeraci, "Breaking Wave Loads on a Slender Pile in Shallow Water," *Proc. 29th International Conference, Coastal Engineering 2004*, ed. Jane McKee Smith, World Scientific Pub. Co., Vol. 1, 2005, pp 568-580
- Ishii, M., P.M. Shearer, H. Houston, and J.E. Vidale, "Extent, Duration and Speed of the 2004 Sumatra-Andaman Earthquake Imaged by the Hi-Net Array," *Nature*, Vol. 435, 2005, pp 933-936  
doi:10.1038/nature03675
- Izutani, Y., and T. Hirasawa, "Rapid Estimation of Fault Parameters for Near-field Tsunami Warning," *Natural Disaster Science*, Vol. 9, No. 1, 1987, pp 245-263
- Jade, J., M. Ananda, P. Dileep Kumar, and S.

- Banerjee, "Co-seismic and Post-seismic Displacements in Andaman and Nicobar Islands from GPS Measurements," *Current Science*, Vol. 88, 2005, pp 1,980-1,984
- Japan Society of Civil Engineers (JSCE), Tsunami Evaluation Subcommittee of the Nuclear Civil Engineering Committee, *Tsunami Assessment Method for Nuclear Power Plants in Japan*, Feb. 2002 (date at top of cover is May 19, 2006), 72 pp
- Ji, Chen, "Resolving the Trade-off Between the Seismic Moment and Fault Dip of Large Subduction Earthquakes and Its Impact on Tsunami Excitation," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (pdf)
- Johnson, J.W., and J.K. Bermel, "Impulsive Waves in Shallow Water as Generated by Falling Weight," *Trans. Amer. Geophys. Union*, Vol. 30, 1949, pp 223-230
- Kaitoku, Tammy (writer), "National Report of the United States of America, 2002-2003, ITIC::ICG/PTWS Sessions::ITSO-XIX: National Reports, updated 02.04.05, 16 pp, printout on 8/27/2006
- Kelletat, D., and G. Schellmann, "Tsunamis in Cyprus: Field Evidences and 14C-Dating Results," *Zeitschrift fur Geomorphologie*, Vol. 46, No. 1, 2000, pp 19-34
- Kenji, Harada, and Fumihiko Imamura, "Study on the Evaluation of Tsunami Reducing by Coastal Control Forest for Actual Conditions," *Asia and Pacific Coasts 2003*, 12 pp
- Kirby, Steve, and the Research Staff of RCECEP, "Possible Complex Fault Near the Japan Trench: the 1896 and 1933 Tsunamigenic Events and Implications for Tsunami Sources in the Western Pacific," In *USGS Tsunami Sources Workshop: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Kirby, Stephen, Eric Geist, William H.K. Lee, David Scholl, and Richard Blakely, "Tsunami Source Characterization for Western Pacific Subduction Zones: A Preliminary Report," In *USGS Tsunami Sources Workshop: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Kobayashi, Nobushisa, and Yukiko Tega, "Numerical Prediction of Solitary Wave Run-up on Vertical Walls by Finite-amplitude Shallow-water Wave Model," In *Long-wave Runup Models, Friday Harbor, USA, 12-17 Sept. 1995*, eds. Harry Yeh, Philip Liu, and Costas Synolakis, World Scientific Pub. Co., 1996, pp 88-115
- Kong, Laura S.L., "The UNESCO/IOC International Tsunami Information Center and Its Role in the Caribbean," Abstract, In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, p. 268
- Liu, P.L.-D., H. Yeh, P. Liu, K. Chang, and Y.-S. Cho, "Generation and Evolution of Edge Wave Packets," *Physics of Fluids*, Vol. 10, No. 7, 1994, pp 1,635-1,657
- Liu, Philip L.-F., "Wave Generation, Runup and Koshimura, S., and H.O. Mofjeld, "Inundation Modeling of Local Tsunamis in Puget Sound, Washington due to Potential Earthquakes," In *Proceedings of the International Tsunami Symposium 2001 (ITS 2001)*, Seattle, WA, 7-10 August 2001, Session 7-18, on CD-ROM, 2001, pp 861-873
- Koshimura, S., A.L. Moore, and H.O. Mofjeld, "Simulation of Paleotsunamis in Puget Sound, Washington," In *Proceedings of the International Tsunami Symposium 2001 (ITS 2001)*, Seattle, WA, 7-10 August 2001, Session 7-7, on CD-ROM, 2001, pp 761-773
- Koshimura, S., H.O. Mofjeld, F.I. Gonzalez, and A.L. Moore, "Modeling the 1100 BP Paleotsunami in Puget Sound, Washington," *Geophys. Res. Lett.*, Vol. 29, No. 20, 2002, p. 1,948, doi: 1029/2002GL015170
- Kowalik, Z., "Numerical Computation of the Tsunami Run-up," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 177-188
- Kronin, Y.A., "Numerical Study of the Relationship of the Directional Radiation of Long Waves on the Sea Surface to the Dimensions of the Line Source," *Izvestiya, Atm. and Ocean. Phys.*, Vol. 17, 1981, pp 959-965
- Kruger, F., and M. Ohrnberger, "Tracking the Rupture of the Mw=9.3 Sumatra Earthquake over 1,150 km at Teleseismic Distance," *Nature*, Vol. 435, 2005, doi:10.1038/nature03696
- Kuran, U., and A.C. Yalciner, "Crack Propagations Earthquakes and Tsunamis in the Vicinity of Anatolia," In *Tsunamis in the World*, ed. Stefano Tinti, Advances in Natural and Technological Hazards Research, Kluwer Acad. Pub., 1993, pp 159-175
- Legg, M.R., J.C. Borrero, and C.E. Synolakis, "Tsunami Hazards Associated with the Catalina Fault in Southern California," *Earthquake Spectra*, Vol. 20, 2004, pp 917-950
- Lee, J.J., and J.J. Chang, "Water Waves Generated by an Impulsive Bed Upthrust of a Rectangular Block," *Appl. Ocean Res.*, Vol. 2, 1980, pp 165-170
- Lee, William H.K., "The Online Seismic Archives at <http://www.iris.edu/seismo/> as a Data Resource for Tsunamigenic Earthquakes," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Lewis, Leo, "86 Feared Dead in Java Tsunami," *TIMES ONLINE*, 17 July 2006  
<http://www.timesonline.co.uk/printFriendly/0,,1-3-2274031-23529,00...>
- Liu, P.L.-F., "Model Equations for Wave Propagation from Deep to Shallow Water," In *Advances in Coastal Engineering*, ed. P.L.-F. Liu, World Scientific Pub. Co., Vol. 1, 1994, pp 125-157
- Rundown from Three-Dimensional Sliding Masses," Abstract, In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, p. 288
- Locat, J., H.J. Lee, P. Locat, and J. Imran,

- "Numerical Analysis of the Palos Verdes Debris Avalanche, California, and Its Implication for the Generation of Tsunamis," *Marine Geology*, Vol. 203, 2004, pp 269-280
- Lockridge, P., "The Criteria for Identification of Tsunami Events Likely to Produce Far-field Damage, A Data Application," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 43-50
- Lockwood, Oliver G., and Hiroo Kanamori, "Wavelet Analysis of the Seismograms of the 2004 Sumatra-Andaman Earthquake and Its Application to Tsunami Early Warning," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Poster Folder (pdf)
- Loomis, H.G., "A Reasonably Practical Real-time Tsunami Prediction Scheme," In *Abstracts of Papers: Fifteenth Coastal Engineering Conference, July 11-17, Honolulu, Hawaii*, ASCE, 1976, pp 701-703
- Loomis, H.G., "Tsunami Prediction Using the Reciprocal Property of Green's Function," *Marine Geodesy*, Vol. 2, No. 1, 1979, pp 27-29
- Loomis, H.G., *A Primer for Tsunamis Written for Boaters in Hawaii*, NOAA Tech. Memo. ERL PMEL-16, (PB80-161003), 1979, 8 pp
- Loomis, H.G., "Book Review: Seismic Waves: Tsunamis," by T.S. Murty, *Marine Geodesy*, Vol. 2, No. 1, 1979, pp 83-87
- Loomis, H.G., "A Tsunami Prediction Scheme Using Green's Function," In *Symposium on Tsunamis: Proceedings, Ensenada, Baja California, Mexico, March 23-26, 1977, Special IUGG Symposium*, printed by Dept. Fisheries and the Environment, Ottawa, Canada, Manuscript Report Series No. 48, 1978, pp 85-88
- Loomis, H.G., "Least Squares Estimations of a Tsunami Source from Wave Records," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 127-132
- Lopez, A., and E.A. Okal, "A Seismological Reassessment of the Source of the 1946 Aleutian 'Tsunami' Earthquake," *Geophysical Journal International*, Vol. 165, June 2006, pp 835-849
- Ludwin, Ruth S., and Apela Colorado, "Tsunami Whirlpools - Observed in 2004 and Remembered in First Nations Art and Myth," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Poster Folder (pdf)
- McCann, William R., "Estimating the Threat of Tsunamiogenic Earthquakes and Earthquake Induced Landslide Tsunami in the Caribbean," *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 43-65
- McCreery, Charles S., "The Richard H. Hagemeyer Pacific Tsunami Warning Center and Its Role in the Lynett, P., *A Multi-layer Approach to Modeling Nonlinear, Dispersive Waves from Deep Water to the Shore*, Ph.D. thesis, Cornell Univ., 2002. Available at <http://ceprofs.tamu.edu/plynett/publications/publications.htm>
- Lynett, P., T.-R. Wu, and P.-F. Liu, "Modeling Wave Runup with Depth-integrated Equations," *Coastal Engineering*, Vol. 46, No. 2, 2002, pp 89-107
- Lynett, P., and P.L.-F. Liu, "Three-Dimensional Runup Due to Submerged and Subaerial Landslides," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 289-324
- Mader, C.L., "Numerical and Hydraulic Modeling of Flooding," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 155-168
- Mader, C.L., and E.N. Bernard, "Modeling Tsunami Flooding of Crescent City," In *Tsunami '93: Proceedings of the IUGG/IOC International Tsunami Symposium, Wakayama, Japan, August 23-27, 1993*, 1993, pp 321-326
- Martin, Glen, "Tsunami Strikes Crescent City," *San Francisco Chronicle*, CA, 16 Nov. 2006, pp A1 and A15 (Kuril Islands earthquake)
- Matsutomi, Hideo, "Impulsive Force of Timbers Drifted by Tsunamis," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 51-61
- Maul, G.A., "On the Role of IOCARIBE in a Caribbean Tsunami Warning System: Science, Engineering, Management, and Education," *Marine Geodesy*, Vol. 22, No. 1, 1999, pp 53-62
- Maul, George A., "The Case for an Atlantic Tsunami Warning System," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, p 3-5
- McCann, W.R., *Analysis of the Tsunami Potential in Northwestern Puerto Rico*, Earthquake Advisory Board of State Civil Defense of Puerto Rico, 1995, 40 pp
- McCann, W.R., and A. Mercado, *Analysis of the Tsunami Potential of Northwestern Puerto Rico*, Earthquake Advisory Board of State Civil Defense of Puerto Rico, 1997, 134 pp
- McCann, W.R., *Tsunami Hazard of Western Puerto Rico from Local Sources: Characteristics of Tsunamiogenic Faults*, Tech. Rept. Submitted to Sea Grant Program, Univ. Puerto Rico, 1998, 79 pp <http://poseidon.uprm.edu>
- Caribbean," Abstract, In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, p. 269
- McNamara, Dan, Jill McCarthy, and Hurley Benz, *Improving Earthquake and Tsunami Warnings for the Caribbean Sea, the Gulf of Mexico, and the Atlantic Coast*, U.S. Geological Survey Fact Sheet 2006-3012, April 2006, 4 pp

<http://www.pubs.usgs.gov/fs/2006/3012>

McNeilan, T.W., T.K. Rockwell, and G.S. Resnick, "Style and Rate of Holocene Slip, Palos Verdes Fault, Southern California," *Jour. Geophys. Res.*, Vol. 101, 1996, pp 8,317-8,334

Meinig, C., M.C. Eble, and S.E. Stalin, "System Development and Performance of the Deep-ocean Assessment and Reporting of Tsunamis (DART) System from 1997-2001," In *Proceedings of the International Tsunami Symposium 2001 (ITS 2001)*, Seattle, WA, 7-10 August 2001, NTHMP Review Session, R-24, on CD-ROM, 2001, pp 235-242

Meltzner, A.J., K. Sieh, M. Abrams, D.C. Agnew, K.W. Hudnut, J.-P. Avouac, and D.H. Natawidjaja, "Uplift and Subsidence Associated with the Great Aceh-Andaman Earthquake of 2004," *Jour. Geophysical Research*, Vol. 111, Bo2407, doi:10.1029/2005JB003891, 2006

Mendoza, C. and V. Huerfano, "Local and Regional Waveform Analysis for Rapid Monitoring of Shallow Caribbean Earthquakes," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 218-230

Mercado, A., *Determination of the Tsunami Hazard for Western Puerto Rico from Local Sources*, Tech. Rept. submitted to Sea Grant Program, Univ. Puerto Rico, 2001, 207 pp. Available at <http://poseidon.uprm.edu>

Mercado, A., *Investigation of the Potential Tsunami Hazard on the North Coast of Puerto Rico Due to Submarine Landslide Along the Puerto Rico Trench*, Tech. Rept., Puerto Rico Emergency Management Agency and Sea Grant College Program, Univ. Puerto Rico, 2002, 245 pp

Mercado, A., and H. Justiniano, *Puerto Rico Warning and Mitigation Program, Task 1: Tsunami Coastal Flood Mapping for Puerto Rico and Adjacent Islands*, Tech. Rept. submitted to the Federal Emergency Management Agency and the University of Puerto Rico, 2003, 100 pp. Available at <http://poseidon.uprm.edu>

Mercado-Irizarry, Aurelio, and Philip Liu, eds., *Caribbean Tsunami Hazard*, Proceedings of the NSF Caribbean Tsunami Workshop, March 30-31, 2004, San Juan, Puerto Rico, World Scientific Pub. Co., 2006, 341 pp

Mercado-Irizarry, Aurelio, Christa von Hillebrandt, and Victor Huerfano, "The Puerto Rico Tsunami Warning and Mitigation Program," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 205-217

Milburn, H.B., and E. N. Bernard, "Deep Ocean Tsunami Observations," In *Proceedings, IRIS/JOI Workshop on Scientific Uses of Undersea Cables*, Jan. 30-Feb. 21, 1990, Honolulu, HI, eds. A.D. Chave, R. Butler, and T.E. Pyle, 1990, pp 69-73

Moya, Juan C., and Aurelio Mercado, "Geomorphologic and Stratigraphic Investigations on Historic and Prehistoric Tsunami in Northwestern Puerto Rico: Implications for Long Term Coastal Evolution," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 149-177

Nakamura, S., and H.G. Loomis, "Normal Modes of Oscillations in Relation to Storm Surge and Tsunami

Miller, R.L., "An Experimental Study of Form and Transition in Impulsive Waves," In *Proc. Symposium on Long Waves*, Univ. Delaware, Newark, Delaware, 1970, p. 15

Mitsuyasu, H., "Shock Pressure of Breaking Waves," In *Proc. Tenth Conf. on Coastal Engineering, 1966*, Tokyo, Japan, ed. J.W. Johnson, ASCE, 1967, Vol. 1, pp 268-283

Miyoshi, H., *Directivity and Efficiency of Tsunamis*, Hawaii Inst. of Geophysics, Univ. of Hawaii, Honolulu, and Joint Tsunami Research Effort Report, HIG-77-4 and NOAA-JTRE-190, 1977, 32 pp

Mofjeld, H.O., F.I. Gonzalez, E.N. Bernard, and J.C. Newman, "Forecasting the Heights of Later Waves in Pacific-wide Tsunamis," *Natural Hazards*, Vol. 22, 2000, pp 71-89

Mofjeld, H.O., V.V. Titov, F.I. Gonzalez, and J.C. Newman, "Tsunami Scattering Provinces in the Pacific Ocean," *Geophys. Res. Lett.*, Vol. 28, No. 2, 2001, pp 335-337

Mofjeld, H.O., P.M. Whitmore, M.C. Eble, F.I. Gonzalez, and J.C. Newman, "Seismic-wave Contributions to Bottom Pressure Fluctuations in the North Pacific - Implications for the DART Tsunami Array," In *Proceedings of the International Tsunami Symposium 2001 (ITS 2001)*, Seattle, WA, 7-10 August 2001, Session 5-10, on CD-ROM, 2001, pp 633-641

Mofjeld, H.O., C.M. Symons, P. Lonsdale, F.I. Gonzalez, and V.V. Titov, "Tsunami Scattering and Earthquake Faults in the Deep Pacific Ocean," *Oceanography*, Vol. 17, No. 1, 2004, pp 38-46

Montserrat, S., A. Ibberson, and A.J. Thorpe, "Atmosphere Gravity Waves and the 'Rissaga' Phenomenon," *Q. J. R. Meteorol. Soc.*, Vol. 117, 1991, pp 553-570

Montserrat, S., A.B. Rabinovich, and B. Casas, "On the Reconstruction of the Transfer Function for Atmospherically Generated Seiches," *Geophys. Res. Lett.*, Vol. 25, No. 12, 1998, pp 2,197-2,200

Montserrat, Sebastia, Damia Gomis, Agusti Jansa, Alexander Rabinovich, and P.P. Shirshov, "Ciudadella Harbour, Menorca, Spain, 15 June 2006, Rissaga," *Tsunami Newsletter*, Vol. 38, No. 2, May-June 2006, pp 5-7

Moran, K., and D. Tappin, *SEATOS 2005 Cruise Report: Sumatra Earthquake and Tsunami Offshore Survey (SEATOS)*, 2006, 92 pp <http://ocean.oce.uri.edu/seatos/>

Moss, Robb Eric A., and Thaleia Travasarou, "Tsunamigenic Probabilistic Fault Displacement Hazard Analysis for Subduction Zones," In *USGS Tsunami Source Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Poster Folder (ppt)

in Osaka Bay, Japan (1)," *La Mer*, Vol. 18, No. 2, 1980, pp 21-27

Nakamura, S., and H.G. Loomis, "Normal Modes of Oscillation in Relation to Storm Surge and Tsunamis in Osaka Bay, Japan (2)," *La Mer*, Vol. 18, No. 2, 1980, pp 28-33

Nambath, B., "A Battered Archipelago," *Frontline*, Vol. 22, No. 2, January 2005

<http://www.flonet.com/fl2202/stories/20050128003402300.htm>

Nielsen, Ole, Jane Sexton, and John Schneider, "The ANUGA Tsunami Inundation Model," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Poster Folder (pdf)

Normark, W.R., M. McGann, and M. Sliter, "Age of Palos Verdes Submarine Debris Avalanche, Southern California," *Marine Geology*, Vol. 203, 2004, pp 247-259

Oglesby, David D., "Thrust Faulting Dynamics," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Poster Folder (pdf)

Okal, E.A., J. Talandier, and D. Reymond, "Automatic Estimations of Tsunami Risk Following a Distant Earthquake Using the Mantel Magnitude Mm," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 229-283

Okal, E.A., P.-J. Alasset, O. Hyvernaud, and F. Schindele, "The Deficient T Waves of Tsunami Earthquakes," *Geophys. J. Int.*, Vol. 152, 2003, pp 416-432

Okal, E.A., "Comment on 'Source of the Great Tsunami of 1 April 1946: A Landslide in the Upper Aleutian Forearc,' by G.J. Fryer, et al.," *Marine Geology*, Vol. 209, 2004, pp 363-369

Okal, Emile A., and Costas E. Synolakis, "Generation and Propagation of Tsunamis Triggered by Earthquakes and Landslides: A Theoretical and a Simulation Viewpoint," Abstract, In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, p. 325

Okal, Emile A., "Lessons from the 2004 Sumatra Earthquake and Tsunami," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (pdf)

Pacific Tsunami Warning Center, *Tsunami Bulletin Number 004*, issued at 1458Z 15 NOV 2006, tsunami warning and watch cancellation, Kuril Islands earthquake, 46.7 deg. N, 153.5 deg. E, Magnitude 8.1, 2 pp printout from <http://www.prh.noaa.gov/ptwc/wmsg>

Pancake, Cherri M., "NEES Program's Support for Tsunami Experimental Research," Abstract, In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, p. 270

Preuss, Jane, "Urban Planning for Tsunami Hazards, Grays Harbor, Washington and Lima, Peru," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Documentation No. 24, March 1991, pp 203-218

Priest, George, Joseph Zhang, Charles Seaton, and

Pararas-Carayannis, George, "Risk Assessment of Tsunami Generation from Active Volcanic Sources in the Eastern Caribbean Region," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 91-137

Pararas-Carayannis, George, "Workshop and Meeting Summaries. Third Tsunami Symposium of the Tsunami Society, Honolulu, Hawaii, USA, 23-25 May 2006," *Tsunami Newsletter*, Vol. 38, No. 2, May-June 2006, pp 23-24

Pasotti, Jacopo, "Ancient Cataclysm Marred the Med," *Science*, Vol. 314, Issue 5805, 8 December 2006, p. 1,527

Peregrine, D.H., "Wave Jumps and Caustics in the Propagation of Finite-Amplitude Water Waves," *J. Fluid Mech.*, Vol. 136, 1983, pp 435-452

Perlez, Jane, "Aid Group Criticized Over Tsunami Rebuilding," *Times Digest*, (from pages of *The New York Times*), 27 July 2006, p. 2

Perlman, David, "Geography Makes Town a Target," (Crescent City, CA), *San Francisco Chronicle*, CA, 17 Nov. 2006, p. A12

Perry, Brian, "Small Tsunamis Hit the Islands. Tidal Surges Seen at Maui Harbors and Beaches," *The Maui News*, HI, 16 Nov. 2006, pp A1 and A5

Peterson, M.D., C. Mueller, S. Harmsen, A.D. Frankel, K. Rukstales, K. Dewey, and J. Hartzell, "Probabilistic Seismic Hazard Analysis for Sumatra, Indonesia, and Across the Southern Malaysian Peninsula," *Tectonophysics*, Vol. 309, 2004, pp 141-148

Plafker, George, Stuart Nishenko, Lloyd Cluff, and Di Syharial, "The Cataclysmic 2004 Tsunami on NW Sumatra - Preliminary Evidence for a Splay Fault Secondary Source Along the Western Aceh Basin," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)

Power, William, Martin Reyners, and Laura Wallace, "Source Models of Tsunamiogenic Earthquakes on the Kikurangi Plate Interface," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Poster Folder (pdf)

Preisendorfer, R.W., "A Transport Formulation of the Tsunami Propagation Problem," In *Proc. IUGG Special Tsunami Symposium, Ensenada, Baja California, Mexico, March 23-26, 1977*, ed. T.S. Murty, Dept. Fisheries and the Environment, Ottawa, Canada, Manuscript Rept. No. 48, 1978, pp 70-84

Preisendorfer, R.W., "A Transport Formulation of the Tsunami Propagation Problem," *Marine Geodesy*, Vol. 2, No. 1, 1979, pp 67-82

Antonio Baptista, "Cascadia Tsunami Sources: Sensitivity Analysis of Inundation at Cannon Beach," (Oregon), In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)

- Pullen, P.E., and H.M. Byrne, *Hydrographic Measurements During the 1978 Cooperative Soviet-American Tsunami Expedition*, NOAA Data Report ERL PMEL-4 (PB82-215096), 1981, 168 pp
- Rabinovich, A., G. Howell, S. Mausshardt, and F. Gonzalez, "Tsunami Instrumentation Group Report and Recommendations," In *Report of the International Tsunami Measurements Workshop, June 28-29, 1995, Estes Park, Colorado*, co-conveners J. Lander and H. Yeh, National Science Foundation Project CMS-9501539, NOAA, National Geophysical Data Center (NGDC), Boulder, CO, xerox copies, 1995, pp 29-36
- Raichlen, Fredric, "Some Considerations of Tsunamis in Harbors Caused by Distant Tectonic Events," *Preprint, ICCE 2006, San Diego, CA, Sept. 2006*, sent to RLW by FR, 24 Nov. 2006, 13 pp
- Revkin, Andrew C., "Indonesian Cities Lie in Shadow of Cyclical Tsunami, Scientists Say," *The New York Times*, 5 Dec. 2006  
[http://www.nytimes.com/2006/12/05/science/05tsunami.html?\\_r=1&oref=slogin&pagewa...](http://www.nytimes.com/2006/12/05/science/05tsunami.html?_r=1&oref=slogin&pagewa...)
- Revkin, Andrew C., "Tsunami Simulations," *The New York Times*, 5 Dec. 2006  
<http://www.nytimes.com/2006/12/05/science/05tsunami-side.html?pagewanted=print>
- Ritsema, J., S.N. Ward, and F.I. Gonzalez, "Inversion of Deep-ocean Tsunami Records," *Bull. Seismological Soc. Amer.*, Vol. 85, 1995, pp 747-754
- Robertson, Ian, H. Ronald Riggs, Solomon Yim, and Yin Lu Young, "Lessons from Katrina," *Civil Engineering*, Vol. 76, No. 4, April 2006, pp 56-63 (application to tsunami damage)
- Ruff, Larry J., "Seismotectonics of Large Earthquakes and Tsunamiogenesis," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Ruffman, Alan, *Tsunami Runup Maps as an Emergency Preparedness Planning Tool: The November 18, 1929 Tsunami in St Lawrence, Newfoundland, as a Case Study*, Geomarine Associates Ltd., Halifax, Nova Scotia, Project 94-14, Report for Emergency Preparedness Canada, Evaluation and Analysis, Ottawa, Ontario, Contract No. 94-DO25, March 31, 1995 (revised August 9, 1995), 399 pp
- Ruffman, Alan, *Tsunami Runup Mapping as an Emergency Preparedness Planning Tool: The 1929 Tsunami in St. Lawrence, Newfoundland*, prepared by Geomarine Associates Ltd., Halifax, Nova Scotia, Project 94-14, Report for Emergency Preparedness Canada, Office of the Senior Scientific Advisor, Ottawa, Ontario, Contract No. 94-DO25, revised November 7, 1996, Volume 1 -- Report, 144 pp; Volume 2 -- Appendices and Enclosures, 281 pp; Vol. 1 issued in July 1997 as an Emergency Preparedness Canada report under the same English title, produced within the Canadian Framework for the International Decade for Natural Schiermeier, Quirin, "Java Hit by Tsunami After Early Warning," *news@nature.com*, 17 July 2006; doi:10.1038/news060717-2  
[http://www.nature.com/news/2006/060717/pf/060717-2\\_pf.html](http://www.nature.com/news/2006/060717/pf/060717-2_pf.html)
- Scholl, David, "Sediment Influx to Subduction Zone and Great Magnitude Earthquakes: An Observational Appraisal," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Disaster Reduction, 107 pp, Canada Dept. Public Works and Governmental Services, Catalogue No. D82-41/1-1996E, ISBN: 0-662-25859-2; Vol. 2 placed in several archival locations in July 1997 as an Emergency Preparedness Canada report under the same title, 281 pp. Available at [http://www.ocipep.gc.ca/research/resactivites/natHaz/en\\_tsunami/1994-DO25\\_e.asp](http://www.ocipep.gc.ca/research/resactivites/natHaz/en_tsunami/1994-DO25_e.asp)
- Ruffman, Alan, "Lessons from the 1929 Newfoundland Tsunami," *Emergency Preparedness Digest*, Vol. 23, No. 1, Jan.-March 1996, pp 25-28
- Ruffman, Alan, "Potential for Large-scale Submarine Slope Failure and Tsunami Generation Along the U.S. Mid-Atlantic Coast: Comment." *Geology*, Vol. 29, Oct. 2001, p. 967
- Ruffman, Alan, "Comment On: Tsunamis and Tsunami-like Waves of the Eastern United States by Patricia A. Lockridge, Lowell S. Whiteside and James F. Lander, with respect to the November 18, 1929 Earthquake and Its Tsunami," *Science of Tsunami Hazards*, Vol. 23, No. 3, 2005, pp 52-59
- Sabatier, Pierre C., "Formation of Waves by Ground Motion," *Encyclopedia of Fluid Mechanics*, Gulf Pub. Co., TX, 1986, pp 723-759
- Sakakiyama, Tsutomu, Hideo Matsutomi, Sindhu Nugroho, Yoshinobu Tsuji and Yoshikane Murakami, *Inundation Velocities in Banda Aceh Estimated from Video Recordings of the 2004 Sumatra Tsunami*, (where published?; sent to RLW by Sakakiyama), 2006, 8 pp
- Sanford, H.B., *Log of the Scotch Cap Coast Guard Unit Number 368, Scotch Cap DF Station, Relating to the Scotch Cap Light Station Tragedy*, U.S. Coast Guard, Washington, D.C., 1946, 11 pp
- Savage, S.B., "Gravity Flow of Cohesionless Granular Materials in Chutes and Channels," *J. Fluid Mech.*, Vol. 92, 1979, pp 53-98
- Sawaragi, Toru, and Masao Nochino, "Impact Forces of Nearly Breaking Waves on a Vertical Circular Cylinder," *Coastal Engineering in Japan*, Vol. 27, 1984, pp 249-263
- Schaffer, H., and I. Jonsson, "Edge Waves Revisited," *Coastal Engineering*, Vol. 16, Issue 4, 1992, pp 349-368
- Scheffers, A., "Paleo-Tsunamis in the Caribbean: Field Evidence and Datings from Aruba, Curacao and Bonaire," *Essener Geographische Arbeiten*, Vol. 33, 2002, 181 pp
- Scheffers, A., "Paleotsunami Evidences from Boulder Deposits on Aruba, Curacao and Bonaire," *Science of Tsunami Hazards*, Vol. 20, No. 1, 2002, pp 26-37
- Scheffers, Anja, and Dieter Kelletat, "New Evidence and Datings of Holocene Paleotsunami Events in the Caribbean (Barbados, St. Martin and Anguilla)," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 178-204  
Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Scholz, C., "Mechanics of Faulting," *Annual Rev. Earth, Planet, Sci. Lett.*, Vol. 17, 1989, pp 309-334
- Scholz, C., *The Mechanics of Earthquakes and Faulting*, 2nd edition, Cambridge University Press,

- U.K., 2002, 496 pp
- Schwab, W.C., W.W. Danforth, K. Scanlon, and D. Masson, "A Giant Submarine Slope Failure on the Northern Insular Slope of Puerto Rico," *Marine Geology*, Vol. 96, 1991, pp 237-246
- Shedlock, K.M., D. Giardini, D. Grunthal, and P. Zhang, "The GSHAP Global Seismic Hazard Map," *Seismological Research Letters*, Vol. 71, No. 6, 2000, pp 679-689
- Shinmoto, D.Y., and M.J. Vitousek, "An Inexpensive Air-deployable Midocean Tsunami Gauge," In *Proc. IUGG Special Tsunami Symposium, Baja California, Mexico, March 23-26, 1977*, ed. T.S. Murty, Dept. Fisheries and the Environment, Ottawa, Canada, Manuscript Rept. No. 48, 1978, pp 242-244
- Shuto, N., C. Goto, and F. Imamura, "Numerical Simulation as a Means of Warning for Near-field Tsunamis," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 133-154
- Sieh, K., S.N. Ward, D. Natawidjaja, and B.W. Suwargadi, "Crustal Deformation at the Sumatran Subduction Zone Revealed by Coral Rings," *Geophys. Res. Lett.*, Vol. 26, 1999, pp 3,141-3,144
- Sigurdsson, Haraldur, Steven Carey, and Doug Wilson, "Debris Avalanche Formation at Kick'em Jenny Submarine Volcano," Abstract, In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, p. 6
- Sklarz, M.A., and L.Q. Spielvogel, "Delaying Open Boundary Reflection Interference by Averaging Solutions for the 1975 Hawaiian Tsunami Simulation," *Comput. Fluids*, Vol. 7, 1979, pp 305-313
- Sklarz, M.A., L.Q. Spielvogel, and H.G. Loomis, "Numerical Simulation of the 29 November 1975 Island of Hawaii Tsunami by the Finite-element Method," *J. Phys. Oceanogr.*, Vol. 9, No. 5, 1979, pp 1,022-1,031
- Smith, Martin S., and John B. Shepherd, "Preliminary Investigations of the Tsunami Hazard of Kick-em Jenny Submarine Volcano," *Natural Hazards*, Vol. 7, 1993, pp 257-277
- Smith, M.S., and J.B. Shepherd, "Explosive Submarine Eruptions of Kick'em Jenny Volcano: Preliminary Investigation of the Potential Tsunami Hazard in the Eastern Caribbean Region," In *Proceedings: Caribbean Conference on Natural Hazards: Volcanoes, Earthquakes, Windstorms, Floods*, ed. W.B. Ambeh, Univ. West Indies, Mona Campus, 1994, pp 249-260
- Smith, Martin S., and John B. Shepherd, "Potential Cauchy-Poisson Waves Generated by Submarine Eruptions of Kick'em Jenny Volcano," *Natural Hazards*, Vol. 11, 1995, pp 75-94
- ten Brink, Uri S., Eric L. Geist, Patrick J. Lynett, and Brian D. Andrews, "Submarine Slides North of Puerto Rico and their Tsunami Potential," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 67-90
- TenBruggencate, Jan, "Civil Defense Ready to Act," (Kuril Islands earthquake), *The Honolulu Advertiser*, HI, 16 Nov. 2006, pp A1 and A2
- Smith, W.H.F. and D.T. Sandwell, "Global Seafloor Topography from Satellite Altimetry and Ship Depth Soundings," *Science*, Vol. 277, 1997, pp 1,957-1,962
- Sokolowski, T.J., and G.R. Miller, *Deep Sea Release Mechanism, Joint Tsunami Research Effort*, NOAA Tech. Memo. ERLPOL-1, 1968
- Stein, Seth, and Emile Okal, "Spatial Distribution of the Largest Megathrust Earthquakes: Variations in Plate Tectonic Parameters or Sampling Bias?," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM. Abstract and Oral Presentation Folder (ppt)
- Stone, Richard, "After the Tsunami: A Scientist's Dilemma," *Science*, Vol. 313, Issue 5783, 7 July 2006, pp 32-35
- Stone, Richard, "A Rescue Effort for Tsunami-Ravaged Mangrove Forests," (Phra Thong Island, Thailand), *Science*, Vol. 314, Issue 5798, 20 Oct. 2006, p. 404
- Stone, Richard, "The Day the Land Tipped Over," (Nias Island, Indonesia), *Science*, Vol. 314, Issue 5798, 20 Oct. 2006, pp 406-409
- Stone, Richard, "Facing a Tsunami With No Place to Run," *Science*, Vol. 314, Issue 5798, 20 Oct. 2006, pp 408-409
- Subarya, C., M. Chlieh, L. Prawirodirdjo, J.P. Avouac, Y. Bock, K. Sieh, A. Meltzner, D. Natawidjaja, and E. McCaffrey, "Plate-Boundary Deformation Associated with the Great Sumatra-Andaman Earthquake," *Nature*, 2000; p.doi.10.1038/nature04522
- Taft, B., C. Meinig, L. Bernard, C. Teng, S. Stalin, K. O'Neil, M. Eble, and C. Demers, "Transition of the Deep-ocean Assessment and Reporting of Tsunamis Network - A Technology Transfer from NOAA Research to NOAA Operations," In *Proceedings: Ocean 2003, San Diego, CA, Sept. 2003*, pp 2,582-2,588
- Taggart, B., J.I. Lundberg, J.L. Carew, and J.E. Mylroie, "Holocene Reef-rock Boulders on Isla de Mona, Puerto Rico: Transported by a Hurricane or Seismic Sea Wave," *Geol. Soc. Amer. Annual Meeting Abstracts with Program*, 1993, Vol. 25, No. 6, A61
- Takahasi, Ryutaro, "Coastal Effects upon Tsunamis and Storm Surges," *Bull. Earthquake Research Institute*, Univ. Tokyo, Japan, Vol. 42, Part 1, March 1964, pp 175-180
- Taneda, Sadakatu, "'Chile Tsunami' in the Okinawa Islands," In *Report of the Chilean Tsunami of May 24, 1960, as Observed Along the Coast of Japan*, by the Committee for Field Investigation of the Chilean Tsunami of 1960, Ryutaro Takahasi, Chairman, December 1961, pp 77-81; also in *Science Reports of Kyushu Univ. (Geology)*, Kyushu, Japan, Vol. 5, No. 4, 1961, pp 165-180
- Tilling, R.I., R.Y. Koyanagi, P.W. Lipman, J.P. Lockwood, J.G. Moore, and D.A. Swanson, *Earthquake and Related Catastrophic Events, Island of Hawaii, November 29, 1975: A Preliminary Report*, U.S. Geological Survey Circular 40, 1976, 33 pp
- Tintore, J., D. Gomis, S. Alonso, and D.P. Wang, "A Theoretical Study of Large Sea Level Oscillations in the Western Mediterranean," *J. Geophys. Res.*, Vol. 93, No. 10, 1988, pp 797-10,803

- Titov, V.V., F.I. Gonzalez, H.O. Mofjeld, and J.C. Newman, "Short-term Tsunami Inundation Forecasting in Hilo, Hawaii," Abstract, *EOS, Trans. Amer. Geophysical Union*, Vol. 81, No. 48, 2000, F757
- Titov, V.V., F.I. Gonzalez, H.O. Mofjeld, and J.C. Newman, "Project SIFT (Short-term Inundation Forecasting for Tsunamis)," In *Proceedings of the International Tsunami Symposium 2001 (ITS 2001)*, Seattle, WA, 7-10 August 2001, Session 7-2, on CD-ROM, 2001, pp 715-721
- Titov, V.V., B. Jaffe, F.I. Gonzalez, and G. Gelfenbaum, "Re-evaluating Source Mechanisms for the 1998 Papua New Guinea Tsunami Using Revised Slump Estimates and Sedimentation Modeling," In *Proceedings of the International Tsunami Symposium 2001 (ITS 2001)*, Seattle, WA, 7-10 August 2001, Session 2-4, on CD-ROM, 2001, pp 389-395
- Titov, V.V., and F.I. Gonzalez, "Modeling Solutions for Short-term Inundation Forecasting for Tsunamis," In *Underwater Ground Failures of Tsunami Generation, Modeling, Risk and Mitigation*, NATO Advanced Workshop, Istanbul, Turkey, 23-26 May 2002, pp 227-230
- Titov, V.V., F.I. Gonzalez, H.O. Mofjeld, and A.J. Venturato, NOAA *TIME Seattle Tsunami Mapping Project: Procedures, Data Sources, and Products*, NOAA Tech. Memo. OAR PMEL-124 (NTIS PB 2004-101635), 2003, 21 pp
- Tobita, M. H. Suito, T. Imakiire, M. Kato, S. Fujiwara, and M. Murakami, "Outline of Vertical Displacement of the 2004 and 2005 Sumatra Earthquakes Revealed by Satellite Radar Imagery," *Earth Planets Space*, (E-Letter), Vol. 58, 2006, pp e1-e4
- Trifunac, M.D., A. Hayir, and M.I. Todorovska, "A Note on Tsunami Caused by Submarine Slides and Slumps Spreading in One Dimension with Nonuniform Displacement Amplitudes," *Soil Dynamics and Earthquake Engineering*, Vol. 23, 2003, pp 223-234
- Tsuji, Y, "Decay of the Initial Crest of the 1960 Chilean Tsunami; Scattering of Tsunami Waves Caused by Sea Mounts and the Effects of Dispersion," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 13-27
- Tsunami Research Center, University of Southern California; see Univ. Southern California, Tsunami Research Center
- Tuttle, Martitia P., Alan Ruffman, Thane Anderson, and Hewitt Jeter, "Distinguishing Tsunami from Storm Deposits in Eastern North America: The 1929 Grand Banks Tsunami versus the 1991 Halloween Storm," *Seismological Research Letters*, Vol. 75, No. 1, Jan./Feb. 2004, pp 117-131, and cover photo
- Walsh, T.J., George Crawford, Richard Eisner, and J.V. Preuss, *Proceedings of a Workshop on Construction Guidance for Areas of High Seismic and Tsunami Loadings*, Washington Emergency Management Division, Washington State Military Dept., 2002, 25 pp
- Walsh, T.J., V. V. Titov, A.J. Venturato, H.O. Mofjeld, and F.I. Gonzalez, *Tsunami Hazard Map of the Elliott Bay Area, Seattle, Washington - Modeled Tsunami Inundation from a Seattle Fault Earthquake*, Washington State Dept. of Natural Resources Open
- Uda, Takaaki, "Experiment on Two Dimensional Transformation of Non-linear Long Waves Propagating on Slope," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6, November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 169-176
- UNESCO, Intergovernmental Oceanographic Commission (IOC), "An Intra-Americas Sea Tsunami Warning System Project Proposal," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 7-40
- University of Southern California, Tsunami Research Center, *Central Kuril Island Tsunami in Crescent City, California (11/15/2006)*, printed on 11/23/2006, 4 pp, from [http://www.usc.edu/dept/tsunamis/2005/Kuril\\_2006/ind ex.html](http://www.usc.edu/dept/tsunamis/2005/Kuril_2006/ind ex.html)
- USGS Earthquake Hazards Program, *Magnitude 8.3 - Kuril Islands 2006 November 15 11:14:16 UTC*, location 46.616 deg. N, 153.224 deg. E, 2-page printout on 11/15/2006 from <http://earthquake.usgs.gov/eqcenter/eqinthenews/2006 /usvcam/>
- Venturato, A.J., V.V. Titov, D. Arcas, F.I. Gonzalez, and C.D. Chamberlin, "Reducing the Impact: U.S. Tsunami Forecast Modelling and Mapping Efforts," In *ESRI International User Conference Proceedings (UC2471)*, 25-29 July 2005, San Diego, CA, 2005
- Vigny, C., W.J. Simons, S. Abu, R. Bamphenyu, C. Satirapod, N. Choosakul, C. Subarya, A. Socquet, K. Omar, H.Z. Abidin, and B.A. Ambrosius, "Insight into the 2004 Sumatra-Andaman Earthquake from GPS Measurements in Southeast Asia," *Nature*, Vol 436, 2005, pp 201-206
- Vilibic, I., N. Domijan, M. Orlic, N. Leder, and M. Pasaric, "Resonant Coupling of a Travelling Air Pressure Disturbance with the East Adriatic Coastal Waters," *J. Geophys. Res.*, Vol. 109, C10001, doi:10.1029/204JC002279
- von Hillebrandt-Andrade, Christa G., and Victor Huerfano Moreno, "Emergent Tsunami Warning System for Puerto Rico and the Virgin Islands," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 231-243
- von Huene, Roland, David Scholl and Cesar Ranero, "Structure and Processes in Eroding and Accreting Subduction Margins - New Developments Based on Marine Observations," In *USGS Tsunami Sources Workshop 2006; Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- File Report 2003-14, 2003, 1 plate, scale 1:50,000
- Walsh, T.J., V.V. Titov, A.J. Venturato, H.O. Mofjeld, and F.I. Gonzalez, *Tsunami Hazard Map of the Bellingham Area, Washington - Modified Tsunami Inundation from a Cascadia Subduction Zone Earthquake*, Washington State Dept. of Natural Resources Open File Report 2004-15, 2004, 40"x36" color sheet, scale 1:50,000
- Walters, A., and Toshimitsu Takagi, "Review of Finite Element Methods for Tsunami Simulation," In

- Long-wave Runup Models, Friday Harbor, USA, 12-17 September 1995, eds. Harry Yeh, Philip Liu, and Costas Synolakis, World Scientific Pub. Co., Singapore, 1996, pp 43-87
- Wang, Kelin, Jiangheng He, and Yan Hu, "Wedge Mechanics and Tsunamigenic Seafloor Deformation," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation (ppt)
- Wang, Xiaoming, and Philip L.-F. Liu, "A Sensitivity Study of the 2004 Sumatra Earthquake Fault Plane Mechanism," In *USGS Tsunami Sources Workshop: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Ward, S.N., "A Multidisciplinary Approach to Seismic Hazard in Southern California," *Bull. Seis. Soc. Amer.*, Vol. 84, 1994, pp 974-1,002
- Watanabe, Akira, and Kiyoshi Horikawa, "Breaking Wave Forces on a Large Diameter Cell," *Proc. 14th Coastal Engineering Conf., Copenhagen, Denmark, June 1974*, ed. J.W. Johnson, ASCE, 1975, Ch. 102, pp 1,741-1,760
- Watlington, R.A., and S.H. Lincoln, *Disaster and Disruption in 1867: Hurricane, Earthquake and Tsunami in the Danish West Indies*, Eastern Caribbean Center, St. Thomas, 1997, 131 pp
- Watlington, Roy A., "An 1867-Class Tsunami: Potential Devastation in the US Virgin Islands," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 255-267
- Watson, G., T.C.D. Barnes, and D.H. Peregrine, "Numerical Modelling of Solitary Wave Propagation and Breaking on a Beach and Runup on a Vertical Wall," In *Long-Wave Runup Models, Friday Harbor, Washington, 12-17 September 1995*, eds. Harry Yeh, Philip Liu, and Costas Synolakis, World Scientific Pub. Co. Singapore, 1996, pp 291-305
- Wells, Ray E., Richard J. Blakely, and David Scholl, "Coseismic Slip in Subduction Zones and Its Relation to Crustal Structure Revealed by Gravity Anomalies," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM. Abstract and Oral Presentation Folder (ppt)
- Wiegel, Robert L., *Tsunami Information Sources*, Univ. California, Berkeley, CA, Hydraulic Engineering Laboratory, Tech. Rept. UCB/HEL-2005-1, 14 Dec. 2005, 115 pp. Available at <http://www.lib.berkeley.edu/WRCA/tsunamis.html>
- Yeh, Harry, "On Momentum Exchange of a Tsunami Bore at a Shoreline," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Documentation No. 24, March 1991, pp 123-125; discussion, p. 125
- Yeh, Harry, Philip Liu, and Costas Synolakis, "Commentary," In *Long-Wave Runup Models, Friday Harbor, Washington, 12-17 September 1995*, eds. Harry Yeh, Philip Liu, and Costas Synolakis, World Scientific Publishing Co., 1996, pp 349-353
- Also in *Science of Tsunami Hazards*, Vol. 24, No. 2, 2006, pp 58-181; and in *USGS Tsunami Sources Workshop: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist and Willie Lee, U.S. Geological Survey, CD-ROM, 2006, 115 pp
- Wiegel, Robert L., *Tsunami Information Sources. Part 2*. Univ. California, Berkeley, CA, Hydraulic Engineering Laboratory, Tech. Rept. UCB-HEL-2006-1, 18 April 2006, 36 pp. Available at <http://www.lib.berkeley.edu/WRCA/tsunamis.html>
- Also in *Science of Tsunami Hazards*, Vol. 25. No. 2, 2006, pp 67-125; and in *USGS Tsunami Sources Workshop: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006, 36 pp
- Wiegel, Robert L., *Comments for the NSF Tsunami Workshop at Hilo, Hawaii, 26-28 December 2006*, Dept. Civil & Environmental Engineering, Univ. California, Berkeley, CA, manuscript, 8 November 2006, 40 pp
- Wienke, J., and H. Oumeraci, "Breaking Wave Impact Force on a Vertical and Inclined Slender Pile - Theoretical and Large-scale Model Investigations," *Coastal Engineering*, Vol. 52, 2005, pp 435-462
- Witter, Robert C., Harvey M. Kelsey, and Alan Nelson, "Candidate Segment Boundary near Cape Blanco, Inferred from Great Cascadia Earthquake Chronologies in Southern Oregon," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Wong, F.L., E.L. Geist, and A.J. Venturato, "Probabilistic Tsunami Hazard Maps and GIS," In *ESRI International User Conference Proceedings (UC2000)*, 25-29 July 2005, San Diego, CA, 2005
- Yalciner, A.C., B. Alpar, Y. Altinok, I. Ozbay, and F. Imamura, "Tsunamis in the Sea of Marmara: Historical Documents for the Past, Models for the Future," *Marine Geology*, Vol. 190, 2002, pp 445-463
- Yalciner, Ahmet Cevdet, Hulya Karakus, and Ugur Kuran, "Modeling of Tsunamis in the Eastern Mediterranean and Comparison with Caribbean," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 326-340
- Yamaki, S., and T. Uda, "Numerical Simulation and Experimentation of Tsunami Run-up," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 91-100
- Yeh, Harry, "Tsunami Researchers Outline Steps for Better Data," *EOS, Trans., Amer. Geophys. Union*, Vol. 79, 1998, pp 480 and 484
- Yeh, Harry, Ian Robertson, and Jane Preuss, *Development of Design Guidelines for Structures that Serve as Tsunami Vertical Evacuation Sites*, Washington State Dept. of Natural Resources, Division of Geology and Earth Resources, Open File Report 2005-4, November 2005, 34 pp <http://www.dnr.wa.gov/geology/pdf/ofr05-4.pdf>

- Yeh, Harry, Ian Robertson, Jane Preuss, and Timothy Walsh, "Report: Development of Design Guidelines for Structures that Serve as Tsunami Vertical Evacuation Sites (2005), National Tsunami Hazard Mitigation Program (NTHMP), Seattle, Washington, USA, January 2006," *Tsunami Newsletter*, Vol. 38, No. 1, Jan.-April 2006, pp 11-13
- Yeh, Harry, "Tsunami Forces in the Runup Zone," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 271-274
- Zachariassen, J., K. Sieh, F.W. Taylor, and W.S. Hantoro, "Modern Vertical Deformation Above the Sumatran Subduction Zone: Paleogeodetic Insights from Coral Microatolls," *Bull. Seism. Soc. Amer.*, Vol. 90, 2000, pp 897-913
- Zahibo, N., and E. Pelinovsky, "Evaluation of Tsunami Risk in the Lesser Antilles," *Natural Hazard and Earth Sciences*, Vol. 3, 2001, pp 221-231
- Zahibo, N., E.N. Pelinovsky, A. Kurkin, and A. Kozelkov, "Estimation of Far-field Tsunami Potential for the Caribbean Coast Based on Numerical Simulation," *Science of Tsunami Hazards*, Vol. 21, No. 4, 2003, pp 202-222
- Zahibo, N., E. Pelinovsky, A. Yalciner, A. Kozelkov, and A. Zaitsev, "The 1867 Virgin Island Tsunami: Observations and Modelling," *Oceanologica Acta*, Vol. 26, No. 6, 2003, pp 609-621
- Zahibo, N., and Efim Pelinovsky, "Tsunamis in the Lesser Antilles," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 244-254
- Zahibo, Narcisse, "Deshaies, Guadeloupe Tsunami, 20 May 2006, Montserrat, Lesser Antilles, Soufriere Volcano Tsunami," *Tsunami Newsletter*, Vol. 38, No. 2, May-June 2006, pp 4-5
- Zamiska, Nicholas, with Wilawan Watcharasakwet, "Tsunami Reveals Warning Gaps. Indonesia's System Appears to Have Made Few Strides Since Deadly Wave of 2004," (Java), *The Wall Street Journal*, 20 July 2006, p. A5
- 2. SECTIONS C and D**
- C. PLANNING AND ENGINEERING DESIGN FOR TSUNAMI MITIGATION/ PROTECTION; ADJUSTMENTS TO THE HAZARDS; DAMAGE TO STRUCTURES AND INFRASTRUCTURE**
- Alavi, M., *Surge Run-up on Sloping Beach and Surge* Bungum, H., C.B. Harbitz, F. Lovholt, et al., "Tsunami Hazard and Risk Assessment along the Western Coast of Thailand," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, on CD-ROM, 2006. Abstract and Poster Folder (ppt)
- Cornell, C.A., "Engineering Seismic Risk Analysis," *Bull. Seis. Soc. Amer.*, Vol. 58, 1968, pp 1,583-1,606
- Coulter, Henry W., and Ralph R. Migliaccio, *Effects of the Earthquake of March 27, 1964 at Valdez, Alaska*, U.S. Geological Survey Professional Paper *Forces on Piles*, Univ. California, Berkeley, CA, College of Engineering, memo to Prof. R.L. Wiegel, 1964
- American Society of Civil Engineers (ASCE), Structural Engineering Institute, *Flood Resistant Design and Construction*, ASCE Standard SEVASCE 24-98, (2000), 58 pp; revised as ASCE 24-05, 2006, 61 pp (Has section on flood hazard areas subject to high velocity wave action)
- Anon., "Roundtable Discussion of Topic C - Protective Measures in Japan and the U.S. with Regard to the Use of Numerical Models and the Design Tsunami Concept," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 257-260
- Barberopoulou, Aggeliki, "Investigating the Damage Potential of Seiches Initiated by Seismic Wave Motions: A Case Study of the Puget Lowland, Washington State," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Poster Folder (pdf)
- BBC News, "Seawall Protects City from Tsunami," (Male, Maldives), *Civil Engineering*, Vol. 75, No. 2, Feb. 2005, p. 31
- Bernard, E.N., "Tsunami Reduction of Impacts through Three Key Actions (TROIKA)," In *Proceedings of the International Tsunami Symposium 2001 (ITS 2001)*, Seattle, WA, 7-10 August 2001, Session 1-1, on CD-ROM, 2001, pp 247-262
- Bernard, E.N., ed., *Developing Tsunami-resilient Communities: The National Tsunami Hazard Mitigation Program*, reprinted from *Natural Hazards*, Vol. 35, No. 1, 2005, Springer, The Netherlands, 184 pp
- Bernard, E.N., "The U.S. National Hazard Mitigation Program: A Successful State - Federal Partnership," *Natural Hazards*, Vol. 35, No. 1, Special Issue, U.S. National Tsunami Hazard Mitigation Program, 2005, pp 5-25
- Bretschneider, Charles L. and Pieter Wybro, *Inundations and Forces Caused by Tsunamis, for the State of Hawaii: Observations and Statistical Predictions*, Technical Supplement No. 5, Hawaii Coastal Zone Management Program commissioned for the State of Hawaii, Dept. of Planning and Economic Development, by the Pacific Urban Studies and Planning Program, Univ. Hawaii, Honolulu, HI, 15 May 1975, 88 leaves, ill., maps
- 542-C, 1966, 36 pp and 3 plates
- Delmonte, Richard D., *Forces Exerted by Waves Breaking Seaward of a Vertical Seawall*, Hydraulic Engineering Laboratory, Univ. of California, Berkeley, CA, Tech. Rept. HEL 9-20, June 1972, 29 pp
- Dengler, L., *Strategic Implementation Plan for Tsunami Mitigation Projects, Approved by the Mitigation Subcommittee of the National Tsunami Hazard Mitigation Program, April 14, 1998*, NOAA Tech. Memo. ERL PMEL-113 (PB99-115552), NOAA/Pacific Marine Environmental Laboratory, Seattle, WA, 1998, 133 pp  
<http://www.pmel.noa.gov/pubs/PDF/deng2030/deng2030.pdf>

- Geist, Eric L., Guy Gelfenbaum, Bruce E. Jaffe, and Jane A. Reid, *Helping Coastal Communities at Risk from Tsunamis -- The Role of U.S. Geological Survey Research*, U.S. Geological Survey, USGS Fact Sheet 150-00, 2000, 2 pp
- Goda, Y., S. Haranaka, and M. Masahata, "Study of Impulsive Breaking Wave Forces on Piles," *Rept. Port and Harbour Research Inst.*, Ministry of Transport, Japan, Vol. 5, No. 6, 1966, 20 pp (in Japanese; for a summary in English, see Sawaragi and Nochino, 1984)
- Goto, C., "Simulation Models of Timber and Oil Spread Due to Tsunamis," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, National Geophysical Records Documentation No. 24, March 1991, pp 63-66
- Hatori, Tokutaro, and Ryutaro Takahasi, "On the Iturup Tsunami of Oct. 13, 1963, as Observed Along the Coast of Japan," *Bull. Earthquake Research Institute, Univ. Tokyo, Japan*, Vol. 41, Part 3, Sept. 1964, pp 543-554 (Iturup I., Kuril Islands)
- Hilo Technical Tsunami Advisory Council, *Physically Feasible Means for Protecting Hilo from Tsunamis*, Third Report of the Hilo Technical Tsunami Advisory Council, to the Board of Supervisors, Hawaii County, through its Tsunami Advisory Committee, 31 Dec. 1965, 38 pp
- Iida, Kumizi, and Yutaka Ohta, "On the Height of the Chilean Tsunami on the Pacific Coasts of Central Japan and the Effect of Coasts on the Tsunami and Those that Accompanied the Tonankai and Nankaido Earthquakes," In *Report of the Chilean Tsunami of May 24, 1960, as Observed Along the Coast of Japan*, by the Committee for Field Investigation of the Chilean Tsunami of 1960, Ryutaro Takahasi, Chairman, Japan, December 1961, pp 108-125
- Inundations and Forces Caused by Tsunami for the State of Hawaii: Observations and Statistical Predictions*, by Charles L. Bretschneider and Pieter Wybro, Technical Supplement No. 5, Hawaii Coastal Zone Management Program; commissioned for the State of Hawaii, Dept. of Planning and Economic Development, by the Pacific Urban Studies and Planning Program, Univ. Hawaii, Honolulu, HI, 15 May 1975, 88 leaves, ill., maps
- Irschik, Kai, Uwe Sparboom, and Hocine Oumeraci, "Breaking Wave Loads on a Slender Pile in Shallow Water," In *Proc. 29th International Conference, Coastal Engineering 2004*, ed. Jane McKee Smith, World Scientific Pub. Co., Vol. 1, 2005, pp 568-580
- Japan Society of Civil Engineers (JSCE), Tsunami Pararas-Carayannis, "Risk Assessment of Tsunami Generation from Active Volcanic Source in the Eastern Caribbean Region," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 91-137
- Preuss, Jane, "Urban Planning for Tsunami Hazards, Grays Harbor, Washington, and Lima, Peru" In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Geophysical Documentation No. 24, March 1991, pp 203-218
- Priest, George, Joseph Zhang, Charles Seaton, and Evaluation Subcommittee of the Nuclear Civil Engineering Committee, *Tsunami Assessment Method for Nuclear Power Plants in Japan*, Feb. 2002 (date at top of cover is May 19, 2006), 72 pp
- Kobayashi, Nobushisa, and Yukiko Tega, "Numerical Prediction of Solitary Wave Run-up on Vertical Walls by Finite-amplitude Shallow-water Wave Model," In *Long-wave Runup Models, Friday Harbor, USA, 12-17 Sept. 1995*, eds. Harry Yeh, Philip Liu, and Costas Synolakis, World Scientific Pub. Co., 1996, pp 88-115
- Koshimura, S., and H.O. Mofjeld, "Inundation Modeling of Local Tsunamis in Puget Sound, Washington due to Potential Earthquakes," In *Proceedings of the International Tsunami Symposium 2001 (ITS 2001)*, Seattle, WA, 7-10 August 2001, Session 7-18, on CD-ROM, 2001, pp 861-873
- Lockridge, P., "The Criteria for Identification of Tsunami Events Likely to Produce Far-field Damage: A Data Application," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 43-50
- Loomis, H.G., *A Primer for Tsunamis Written for Boaters in Hawaii*, NOAA Tech. Memo. ERL PMEL-16, (PB80-161003), 1979, 8 pp
- Mader, C.L., and E.N. Bernard, "Modeling Tsunami Flooding of Crescent City," In *Tsunami '93: Proceedings of the IUGG/IOC International Tsunami Symposium, Wakayama, Japan, August 23-27, 1993*, pp 321-326
- Martin, Glenn, "Tsunami Strikes Crescent City," *San Francisco Chronicle*, CA, 16 Nov. 2006, pp A1 and A15 (Kuril Islands earthquake)
- Matsutomi, Hideo, "Impulsive Force of Timbers Drifted by Tsunamis," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 51-61
- Mercado, A., *Determination of the Tsunami Hazard for Western Puerto Rico from Local Sources*, Tech. Rept. submitted to Sea Grant Program, Univ. Puerto Rico, 2001, 207 pp. Available at <http://poseidon.uprm.edu>
- Mitsuyasu, H., "Shock Pressure of Breaking Waves," In *Proc. Tenth Conf. on Coastal Engineering, 1966, Tokyo, Japan*, ed. J.W. Johnson, ASCE, 1967, Vol. 1, pp 268-283
- Antonio Baptista, "Cascadia Tsunami Sources: Sensitivity Analysis of Inundation at Cannon Beach," (Oregon), In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Oral Presentation Folder (ppt)
- Robertson, Ian, H. Ronald Riggs, Solomon Yim, and Yin Lu Young, "Lessons from Katrina," *Civil Engineering*, Vol. 76, No. 4, April 2006, pp 56-63 (applications to tsunami damage)
- Sakakiyama, Tsutomu, Hideo Matsutomi, Sindhu

- Nugroho, Yoshinobu Tsuji, and Yoshikane Murakami, *Inundation Velocities in Banda Aceh Estimated from Video Recordings of the 2004 Sumatra Tsunami*, (where published?), 2006, 8 pp. Sent to RLW by Sakakiyama
- Sawaragi, Toru, and Masao Nochino, "Impact Forces of Nearly Breaking Waves on a Vertical Circular Cylinder," *Coastal Engineering in Japan*, Vol. 27, 1984, pp 249-263
- Schaffer, A., "Edge Waves Revisited," *Coastal Engineering*, Vol. 16, Issue 4, 1992, pp 349-368
- Tilling, R.I., R.Y. Koyanagi, P.W. Lipman, J.P. Lockwood, J.G. Moore, and D.A. Swanson, *Earthquake and Related Catastrophic Events, Island of Hawaii, November 29, 1975: A Preliminary Report*, U.S. Geological Survey Circular 740, 1976, 33 pp
- University of Southern California, Tsunami Research Center, *Kuril Island Tsunami in Crescent City, California (11/15/2006)*, 4-page printout on 11/23/2006 from [http://www.usc.edu/dept/tsunamis/2005/tsunamis/Kuril\\_2006/index.html](http://www.usc.edu/dept/tsunamis/2005/tsunamis/Kuril_2006/index.html)
- Walsh, T.J., George Crawford, Richard Eisner, and J.V. Preuss, *Proceedings of a Workshop on Construction Guidance for Areas of High Seismic and Tsunami Loadings*, Washington Emergency Management Division, Washington State Military Dept., 2002, 25 pp
- Watlington, Roy A., "An 1867-Class Tsunami Potential Devastation in the US Virgin Islands," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 255-267
- Wiegel, Robert L., *Comments for the NSF Workshop at Hilo, Hawaii, 26-28 December 2006*, Dept. Civil & Environmental Engineering, Univ. California, Berkeley, CA, manuscript, 8 November 2006, 40 pp
- Wienke, J., and H. Oumeraci, "Breaking Wave Impact Force on a Vertical and Inclined Slender Pile - Theoretical and Large-scale Model Investigations," *Coastal Engineering*, Vol. 52, 2005, pp 435-462
- Yeh, Harry, Ian Robertson, and Jane Preuss, *Development of Design Guidelines for Structures that Serve as Tsunami Vertical Evacuation Sites*, Washington State Dept. of Natural Resources, Division of Geology and Earth Resources, Open File Report 2005-4, November 2005, 34 pp
- Yeh, Harry, Ian Robertson, Jane Preuss, and Timothy Walsh, "Report: Development of Design Guidelines for Structures that Serve as Tsunami Vertical Evacuation Sites (2005), National Tsunami Hazard Mitigation Program (NTHMP), Seattle, Washington, USA, January 2006," *Tsunami Newsletter*, Vol. 38, No. 1, Jan.-Bernard, E.N., and F.I. Gonzalez, "Tsunami Runup Distribution Generated by the July 12, 1993, Hokkaido-Nansei-Oki Earthquake," In *Proceedings: 26th Meeting of the U.S.-Japan Cooperative Program in Natural Resources Panel on Wind and Seismic Effects*, Gaithersburg, MD, 16-20 May 1994, pp 335-343
- Bretschneider, Charles L., and P.G. Wybro, *Inundation and Forces Caused by Tsunami, for the State of Hawaii*, Tech. Supplement No. 5, to the State of Hawaii Coastal Zone Management Program, commissioned for the State of Hawaii, by the Pacific Urban Studies and Planning Program, Univ. Hawaii, Honolulu, HI, 15 May 1975, 88 leaves, ill., maps
- April 2006, pp 11-13
- Yeh, Harry, "Tsunami Forces in the Runup Zone," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 275-287
- Zahibo, N., and E. Pelinovsky, "Evaluation of Tsunami Risk in the Lesser Antilles," *Natural Hazard and Earth Sciences*, Vol. 3, 2001, pp 221-231
- Category 2 (Section D)**
- D. Tsunami Propagation Nearshore; Induced Oscillations; Runup/Inundation (Flooding)**
- Alavi, M., *Surge Run-up on Sloping Beach and Surge Forces on Piles*, Univ. California, Berkeley, CA, College of Engineering, memo to Prof. R.L. Wiegel, 1964
- Anon., "Roundtable Discussion of Topic A - Predictions and Observations of Tsunami Behavior in Coastal Waters and on Land," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 67-72
- Anon., "Roundtable Discussion of Topic B - Applications of Numerical Modeling to Improved Travel Time Predictions, Source Region Definition, Inundation and Run-up Prediction," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 189-194
- Barberopoulou, Aggeliki, "Investigating the Damage Potential of Seiches Initiated by Seismic Wave Motions: A Case Study of the Puget Sound Lowland, Washington State," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Poster Folder (pdf)
- Berger, U., and S. Kohlhas. "Mach-reflection as a Diffraction Problem," In *Proc. 15th Conf. on Coastal Engineering, 11-17 July 1976, Honolulu, Hawaii*, ed. J.W. Johnson, ASCE, 1977, pp 796-814
- Bernard, E.N., *A Numerical Study of the Tsunami Response of the Hawaiian Islands*, Hawaii Inst. Geophysics, Univ. Hawaii, Honolulu, HI, and Joint Tsunami Research Effort Report, HIG-76-6, and NOAA-JTRE-167, 1976, 73 pp
- Burroughs, S.M., and S.F. Tebbens, "Power Law Scaling and Probabilistic Forecasting of Tsunami Runup Heights," *Pure and Applied Geophysics*, Vol. 162, 2005, pp 331-342
- Chang, K.-T., *Evolution of Landslide-generated Edge Wave Packet*, Ph.D. thesis, Univ. Washington, Seattle, WA, 1995
- Chen, M.H.T., *Tsunami Propagation and Response to Coastal Areas*, Hawaii Inst. of Geophysics, Univ. Hawaii, Honolulu, HI, Tech. Rept. HIG-73-15 and NOAA-JTRE-95, 1973, 75 pp
- Curtis, G.D., "Inundation and Tsunami Waves," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6*

November 1990: *Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 197-202

Danish Hydraulic Institute (DHI), *MIKE 21-BW Numerical Model* (Boussinesq water wave equations, two-dimensional), 2006  
[http://www.dhisoftware.com/Mike21/Description/m21bw/W\\_Module.htm](http://www.dhisoftware.com/Mike21/Description/m21bw/W_Module.htm)

Eisner, Richard K., Jose C. Borrero, and Costas E. Synolakis, "Inundation Maps for the State of California," In *Proc. U.S. National Tsunami Hazard Mitigation Program Review and International Tsunami Symposium, Seattle, Washington, 7-10 August 2001*, NTHMP Review Session, Paper R-4, pp 67-81, Available at  
<http://www.pmel.noaa.gov/its2001/>

Gonzalez, F.I., V.V. Titov, J.O. Mofjeld, and J.C. Newman, "Project SIFT (Short-term Inundation Forecasting for Tsunamis)," In *Underwater Ground Failure on Tsunami Generation, Modeling, Risk and Mitigation, NATO Advanced Workshop, Istanbul, Turkey, 23-26 May 2001*, 2002, pp 221-226

Hatori, Tokutarō, and Ryutarō Takahasi, "On the Iturup Tsunami of Oct. 13, 1963, as Observed Along the Coast of Japan," *Bull. Earthquake Research Institute, Univ. Tokyo, Japan*, Vol. 41, Part 3, Sept. 1964, pp 543-554 (Iturup I., Kuril Islands)

Iida, Kumizi, and Yutaka Ohta, "On the Height of the Chilean Tsunami on the Pacific Coasts of Central Japan and the Effect of Coasts on the Tsunami, Particularly on the Comparison Between the Tsunami and those that Accompanied the Tonankai and Nankaido Earthquakes," In *Report of the Chilean Tsunami of May 24, 1960, as Observed Along the Coast of Japan, by the Committee for Field Investigation of the Chilean Tsunami of 1960*, Ryutarō Takahasi, Chairman, Tokyo, December 1961, pp 108-125

Kowalik, Z., "Numerical Computation of the Tsunami Run-up," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 177-188

Lynett, P., *A Multi-layer Approach to Modeling Nonlinear, Dispersive Waves from Deep Water to the Shore*, Ph.D. thesis, Cornell Univ., 2002. Available at  
<http://ceprofs.tamu.edu/plynnett/publications/publications.htm>

Lynett, P., T.-R. Wu, and P.L.-F. Liu, "Modeling Wave Runup with Depth-integrated Equations," *Coastal Engineering*, Vol. 46, 2002, pp 89-107

TenBruggencate, Jan., "Civil Defense Ready to Act," *The Honolulu Advertiser*, HI, 16 Nov. 2006, pp A1 and A2 (Kuril Islands earthquake)

Tilling, R.I., R.Y. Koyanagi, P.W. Lipman, J.P. Lockwood, J.G. Moore, and D.A. Swanson, *Earthquake and Related Catastrophic Events, Island of Hawaii, November 29, 1975: A Preliminary Report*, U.S. Geological Survey Circular 740, 1976, 33 pp

Uda, Takaaki, "Experiment on Two Dimensional Transformation of Non-linear Long Waves Propagating on Slope," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National

Lynett, P., and P.L.-F. Liu, "Three-Dimensional Runup Due to Submerged and Subaerial Landslides," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 289-324

Mader, C.L., "Numerical and Hydraulic Modeling of Flooding," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 155-168

Mader, C.L., and E.N. Bernard, "Modeling of Tsunami Flooding of Crescent City," In *Tsunamis '93: Proceedings of the IUGG/IOC International Tsunami Symposium, Wakayama, Japan, August 23-27, 1993*, pp 321-326

Nakamura, S., and H.G. Loomis, "Normal Modes of Oscillation in Relation to Storm Surge and Tsunamis in Osaka Bay, Japan (2)," *La Mer*, Vol. 18, No. 2, 1980, pp 28-33

Nielsen, Ole, Jane Sexton, and John Schneider, "The ANUGA Tsunami Inundation Model," In *USGS Tsunami Sources Workshop 2006: Proceedings on CD-ROM, April 21 and 22, 2006*, at Menlo Park, CA, compiled by Mike Diggles, Eric Geist, and Willie Lee, U.S. Geological Survey, CD-ROM, 2006. Abstract and Poster Folder (pdf)

Perlman, David, "Geography Makes Town a Target," (Crescent City, CA), *San Francisco Chronicle*, CA, 17 Nov. 2006, p. A12

Perry, Brian, "Small Tsunamis Hit the Islands. Tidal Surges seen at Maui Harbors and Beaches," *The Maui News*, 16 Nov. 2006, pp A1 and A5 (Kuril Islands earthquake)

Raichlen, Fredric, "Some Considerations of Tsunamis in Harbors Caused by Distant Tectonic Events," *Preprint, ICCE 2006, San Diego, CA, Sept. 2006*, 13 pp, sent to RLW by FR, 22 Nov. 2006

Sakakiyama, Tsutomu, Hideo Matsutomi, Sindhu Nugroho, Yoshinobu Tsuji, and Yoshikane Murakami, *Inundation Velocities in Banda Aceh Estimated from Video Recordings of the 2004 Sumatra Tsunami*, (where published?), 2006, 8 pp. Sent to RLW by Sakakiyama

Schaffer, H., and I. Jonsson, "Edge Waves Revisited," *Coastal Engineering*, Vol. 16, Issue 4, 1992, pp 349-368

Takahasi, Ryutarō, "Coastal Effects upon Tsunamis and Storm Surges," *Bull. Earthquake Research Institute, Univ. Tokyo, Japan*, Vol. 42, Part 1, March 1964, pp 175-180

Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 169-176

Walters, A., and Toshimitsu Takagi, "Review of Finite Element Methods for Tsunami Simulation," In *Long-wave Runup Models, Friday Harbor, USA, 12-17 September 1995*, eds. Harry Yeh, Philip Liu, and Costas Synolakis, World Scientific Pub. Co., 1996, pp 43-87

Watson, G., T.C.D. Barnes, and D.H. Peregrine, "Numerical Modelling of Solitary Wave Propagation and Breaking on a Beach and Runup on a Vertical Wall," In *Long-Wave Runup Models, Friday Harbor,*

Washington, 12-17 September 1995, eds. Harry Yeh, Philip Liu, and Costas Synolakis, World Scientific Pub. Co., 1996, pp 291-305

Wiegel, Robert L., *Comments for the NSF Tsunami Workshop at Hilo, Hawaii, 26-28 December 2006*, Dept. Civil & Environmental Engineering, Univ. California, Berkeley, CA, manuscript, 8 November 2006, 40 pp

Yamaki, S., and T. Uda, "Numerical Simulation and Experimentation of Tsunami Run-up," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*, eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Records Documentation No. 24, March 1991, pp 91-100

Yeh, Harry, "On Momentum Exchange of a Tsunami Bore at a Shoreline," In *2nd UJNR Tsunami Workshop, Honolulu, Hawaii, 5-6 November 1990: Proceedings*,

eds. Ann M. Brennan and James F. Lander, NOAA, National Geophysical Data Center, Boulder, CO, NGDC Key to Geophysical Documentation No. 24, March 1991, pp 123-125; discussion, p. 125

Yeh, Harry, Philip Liu, and Costas Synolakis, eds., *Long-Wave Runup Models, Friday Harbor, USA, 12-17 September 1995*, World Scientific Pub. Co., 1996, 403 pp

Yeh, Harry, Philip Liu, and Costas Synolakis, "Commentary," In *Long-Wave Runup Models, Friday Harbor, Washington, 12-17 Sept. 1995*, eds. Harry Yeh, Philip Liu and Costas Synolakis, World Scientific Pub. Co., 1996, pp 349-353

Yeh, Harry, "Tsunami Forces in the Runup Zone," In *Caribbean Tsunami Hazard*, eds. Aurelio Mercado-Irizarry and Philip Liu, World Scientific Pub. Co., 2006, pp 275-287