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Cont. #: 2885

Aagaard, K., T.J. Weingartner, S.L. Danielson, R.A. Woodgate, G.C. Johnson, and T.E. Whitledge (2006): [Some controls on flow and salinity in Bering Strait](#). Geophys. Res. Lett., 33(19), L19602, doi: 10.1029/2006GL026612. <http://journal-intra.pmel.noaa.gov/2007/aaga2885.pdf>

Cont. #: 3180

Aikman, F., C.J. Beegle-Krause, S. Hankin, T. Gross, and J. Caron (2007): [Report on the Workshop: Community standards for unstructured grids](#). In Unstructured Grids Workshop 2006, Boulder, CO, 16–17 October 2006, <http://cf-pcmdi.llnl.gov/trac/wiki/UnstructuredGrids>.

Cont. #: 3010

Aldener, M., S.S. Brown, H. Stark, E.J. Williams, B.M. Lerner, W.C. Kuster, P.D. Goldan, P.K. Quinn, T.S. Bates, F.C. Fehsenfeld, and A.R. Ravishankara (2006): [Reactivity and loss mechanisms of NO₃ and N₂O₅ in a polluted marine environment: Results from in-situ measurements during New England Air Quality Study 2002](#). J. Geophys. Res., 111(D23), D23S73, doi: 10.1029/2006JD007252. <http://journal-intra.pmel.noaa.gov/2007/alde3010.pdf>

Cont. #: 2933

Arcas, D., and V. Titov (2006): [Sumatra tsunami: lessons from modeling](#). Surv. Geophys., 27(6), doi: 10.1007/s10712-006-9, 679–705. <http://journal-intra.pmel.noaa.gov/2007/arca2933.pdf>

Cont. #: 2980

Berelson, W.M., W.M. Balch, R. Najjar, R.A. Feely, C. Sabine, and K. Lee (2007): [Relating estimates of CaCO₃ production, export, and dissolution in the water column to measurements of CaCO₃ rain into sediment traps and dissolution on the sea floor: A revised global carbonate budget](#). Global Biogeochem. Cy., 21, GB1024, doi: 10.1029/2006GB002803. <http://journal-intra.pmel.noaa.gov/2007/bere2980.pdf>

Cont. #: 3100

Bergstrom, R.W., P. Pilewskie, P.B. Russell, J. Redemann, T.C. Bond, P.K. Quinn, and B. Sierau (2007): [Spectral absorption properties of atmospheric aerosols](#). Atmos. Chem. Phys. Discuss., 7, 10,669–10,686. <http://journal-intra.pmel.noaa.gov/2007/berg3100.pdf>

Cont. #: 3043

Bernard, E.N., L. Dengler, and S. Yim (2007): [National Tsunami Research Plan: Report of a workshop sponsored by NSF/NOAA](#). NOAA Tech. Memo. OAR PMEL-133, NTIS: PB2007-107302, 135 pp.

<http://www.pmel.noaa.gov/pubs/PDF/bern3043/bern3043.pdf>

Cont. #: 3000

Bernard, E.N., and V.V. Titov (2007): [Improving tsunami forecast skill using deep ocean observations](#). Mar. Tech. Soc. J., 40(4), 23–26.

Cont. #: 3066

Birdsey, R.A., R. Cook, S. Denning, P. Griffith, B.E. Law, J. Masek, A.M. Michalak, S. Ogle, D. Ojima, Y. Pan, C.L. Sabine, E. Sheffner, and E.T. Sundquist (2007):

[Investigators share improved understanding of the North American Carbon Cycle](#). Eos Trans. AGU, 88(24), doi: 10.1029/2007EO240004.

Cont. #: 2565

Bond, N.A., and D.E. Harrison (2006): [ENSO's effect on Alaska during opposite phases of the Arctic Oscillation](#). Int. J. Climatol., 26(13), 1821–1841. <http://journal-intra.pmel.noaa.gov/2007/bond2565.pdf>

Cont. #: 2346

Borrero, J., B. Uslu, C. Synolakis, and V.V. Titov (2007): [Modeling far-field tsunamis for California ports and harbors](#). In Coastal Engineering 2006—Proceedings of the 30th International Conference, San Diego, CA, 3–8 December 2006, 1566–1578.

Cont. #: 3089

Burwell, D., E. Tolkova, and A. Chawla (2007): [Diffusion and dispersion characterization of a numerical tsunami model](#). Ocean Modelling, 19(1–2), 10–30.

<http://journal-intra.pmel.noaa.gov/2007/burw3089.pdf>

Cont. #: 3122

Caldeira, K., D. Archer, J.P. Barry, R.G.J. Bellerby, P.G. Brewer, L. Cao, A.G. Dickson, S.C. Doney, H. Elderfield, V.J. Fabry, R.A. Feely, J.-P. Gattuso, P.M. Haugan, O. Hoegh-Guldberg, A.K. Jain, J.A. Kleypas, C. Langdon, J.C. Orr, A. Ridgwell, C.L. Sabine, B.A. Seibel, Y. Shirayama, C. Turley, A.J. Watson, and R.E. Zeebe (2007):

[Comment on "Modern-age buildup of CO₂ and its effects on seawater acidity and salinity" by Hugo A. Loaiciga](#). Geophys. Res. Lett., 34, L18608, doi:

10.1029/2006GL027288. <http://journal-intra.pmel.noaa.gov/2007/cald3122.pdf>

Cont. #: 3002

Carney, S.L., J.F. Flores, K.M. Orobona, D.A. Butterfield, C.R. Fisher, and S.W. Schaeffer (2007): [Environmental differences in hemoglobin gene expression in the hydrothermal vent tubework, *Ridgeia piscesae*](#). Comp. Biochem. Physiol. Part B,

146(2), 326–337. <http://journal-intra.pmel.noaa.gov/2007/carn3002.pdf>

Cont. #: 3026

Chadwick, Jr., W.W. (2006): [A submarine volcano is caught in the act](#). *Science*, 314, 1887–1888. <http://journal-intra.pmel.noaa.gov/2007/chad3026.pdf>

Cont. #: 2896

Chadwick, Jr., W.W., D.J. Geist, S. Jónsson, M. Poland, D.J. Johnson, and C.M. Meertens (2006): [A volcano bursting at the seams: Inflation, faulting, and eruption at Sierra Negra Volcano, Galápagos](#). *Geology*, 34(12), 1025–1028. <http://journal-intra.pmel.noaa.gov/2007/chad2896.pdf>

Cont. #: 2775

Chang, P., T. Yamagata, P. Schopf, S.K. Behera, J. Carton, W.S. Kessler, G. Meyers, T. Qu, F. Schott, S. Shetye, and S.-P. Xie (2006): [Climate fluctuations of the tropical coupled system—The role of ocean dynamics](#). *J. Climate*, 19(20), 5122–5174. <http://journal-intra.pmel.noaa.gov/2007/chan2775.pdf>

Cont. #: 2848

Cheng, W., M.J. McPhaden, D. Zhang, and E.J. Metzger (2007): [Recent changes in the Pacific subtropical cells inferred from an eddy-resolving ocean circulation model](#). *J. Phys. Oceanogr.*, 37(5), 1340–1356. <http://journal-intra.pmel.noaa.gov/2007/chen2848.pdf>

Cont. #: 2912

Cokelet, E.D., A.J. Jenkins, and L.L. Etherington (2007): [A transect of Glacier Bay ocean currents measured by acoustic Doppler current profiler \(ADCP\)](#). In Proceedings of the Fourth Glacier Bay Science Symposium, 2004, U.S. Geological Survey Scientific Investigations Report 2007-5047, J.F. Piatt and S.M. Gende (eds.), U.S. Geological Survey, Washington, DC, 26–28 October 2004, 80–83.

Cont. #: 3030

Cowen, J.P., D.J. Fornari, T.M. Shank, B. Love, B. Glazer, A.H. Treusch, R.C. Holmes, S.A. Soule, E.T. Baker, M. Tolstoy, and K.R. Pomraning (2007): [Volcanic eruptions at East Pacific Rise crest near 9°50'N](#). *Eos Trans. Am. Geophys. Union*, 88(7), 81 pp. <http://journal-intra.pmel.noaa.gov/2007/cowe3030.pdf>

Cont. #: 2978

de Ronde, C.E.J., E.T. Baker, G.J. Massoth, J.E. Lupton, I.C. Wright, R.J. Sparks, S.C. Bannister, M.E. Reyners, S.L. Walker, R.R. Greene, J. Ishibashi, K. Faure, J.A. Resing, and G.T. Lebon (2007): [Submarine hydrothermal activity along the mid-Kermadec Arc, New Zealand: Large-scale effects on venting](#). *Geochem. Geophys. Geosyst.*, 8(Q07007), doi: 10.1029/2006GC001495. <http://journal-intra.pmel.noaa.gov/2007/dero2978.pdf>

Cont. #: 2970

- Delcroix, T., S. Cravatte, and M.J. McPhaden (2007): [Decadal variations and trends in tropical Pacific sea surface salinity since 1970](http://journal-intra.pmel.noaa.gov/2007/delc2970.pdf). J. Geophys. Res., 112, C03012, doi: 10.1029/2006JC003801. <http://journal-intra.pmel.noaa.gov/2007/delc2970.pdf>
- Cont. #: 3020
Denbo, D.W., K.T. McHugh, J.R. Osborne, P. Sorvik, and A.J. Venturato (2007): [NOAA tsunami forecasting system: Design and implementation using service oriented architecture](http://www.pmel.noaa.gov/pubs/PDF/denb3020/denb3020.pdf). In 23rd Conference on Interactive Information Processing Systems (IIPS) for Meteorology, Oceanography, and Hydrology, 87th AMS Annual Meeting, San Antonio, TX, 14–18 January 2007, Paper 3A.9. <http://www.pmel.noaa.gov/pubs/PDF/denb3020/denb3020.pdf>
- Cont. #: 3021
Denbo, D.W., J. Sirott, and W.H. Zhu (2007): [DapperM: A Matlab interface to Dapper—An OPeNDAP in-situ data service](http://www.pmel.noaa.gov/pubs/PDF/denb3021/denb3021.pdf). In 23rd Conference on Interactive Information Processing Systems (IIPS) for Meteorology, Oceanography, and Hydrology, 87th AMS Annual Meeting, San Antonio, TX, 14–18 January 2007, Paper 3B.3. <http://www.pmel.noaa.gov/pubs/PDF/denb3021/denb3021.pdf>
- Cont. #: 3029
Deschamps, A., M. Tivey, R.W. Embley, and W.W. Chadwick (2007): [Quantitative study of the deformation at Southern Explorer Ridge using high-resolution bathymetric data](http://journal-intra.pmel.noaa.gov/2007/desc3029.pdf). Earth Planet. Sci. Lett., 259((1–2)), 1–17. <http://journal-intra.pmel.noaa.gov/2007/desc3029.pdf>
- Cont. #: 3055
Doney, S.C., N. Mahowald, I. Lima, R.A. Feely, F.T. Mackenzie, J.-F. Lamarque, and P.J. Rasch (2007): [Impact of anthropogenic atmospheric nitrogen and sulfur deposition on ocean acidification and the inorganic carbon system](http://journal-intra.pmel.noaa.gov/2007/done3055.pdf). Proc. Nat. Acad. Sci., 104(37), 14,580–14,585.
- Cont. #: 2993
Dugdale, R.C., F.P. Wilkerson, F. Chai, and R.A. Feely (2007): [Size-fractionated nitrogen uptake measurements in the equatorial Pacific and confirmation of the low Si–high-nitrate low-chlorophyll condition](http://journal-intra.pmel.noaa.gov/2007/dugd2993.pdf). Global Biogeochem. Cy., 21, GB2005, doi: 10.1029/2006GB002722. <http://journal-intra.pmel.noaa.gov/2007/dugd2993.pdf>
- Cont. #: 3039
Dyment, J., J. Lin, and E.T. Baker (2007): [Ridge-hotspot interactions—What mid-ocean ridges tell us about deep Earth processes](http://journal-intra.pmel.noaa.gov/2007/dyme3039.pdf). Oceanography, 20, 102–115. <http://journal-intra.pmel.noaa.gov/2007/dyme3039.pdf>
- Cont. #: 2986
Dziak, R.P., D.R. Bohnenstiehl, J.P. Cowen, E.T. Baker, K.H. Rubin, J.H. Haxel, and M.J. Fowler (2007): [Rapid dike emplacement leads to eruptions and hydrothermal](http://journal-intra.pmel.noaa.gov/2007/dzia2986.pdf)

[plume release during seafloor spreading events](http://journal-intra.pmel.noaa.gov/2007/dzia2986.pdf). *Geology*, 35, 579–582. <http://journal-intra.pmel.noaa.gov/2007/dzia2986.pdf>

Cont. #: 3077

Dziak, R.P., M. Park, H. Matsumoto, D.R. Bohnenstiehl, J.H. Haxel, D.K. Mellinger, K. Stafford, and W.S. Lee (2007): [Hydroacoustic monitoring of the Bransfield Strait and Drake Passage, Antarctica: A first analysis of seafloor seismicity, cryogenic acoustic sources, and cetacean vocalizations](#). In Proceedings of the 10th International Symposium on Antarctic and Earth Science, Santa Barbara, August 2007, 5 pp.

Cont. #: 2892

Faure, K., J. Greinert, I.A. Pecher, I.J. Graham, G.J. Massoth, C.E.J. de Ronde, I.C. Wright, E.T. Baker, and E.J. Olson (2006): [Methane seepage and its relation to slumping and gas hydrate at the Hikurangi margin, New Zealand](#). *New Zeal. J. Geol. Geophys.*, 49, 503–516. <http://journal-intra.pmel.noaa.gov/2007/faur2892.pdf>

Cont. #: 3008

Fehsenfeld, F.C., G. Ancellet, T.S. Bates, A.H. Goldstein, R.H. Hardesty, R. Honrath, K.S. Law, A.C. Lewis, R. Leitch, S. McKeen, J. Meagher, D.D. Parrish, A.A.P. Pszenny, P.B. Russell, H. Schlager, J. Seinfeld, R. Talbot, and R. Zbinden (2006): [International Consortium for Atmospheric Research on Transport and Transformation \(ICARTT\): North America to Europe—Overview of the 2004 summer field study](#). *J. Geophys. Res.*, 111(D23), D23S01, doi: 10.1029/2006JD007829. <http://journal-intra.pmel.noaa.gov/2007/fehs3008.pdf>

Cont. #: 2914

Foltz, G.R., and M.J. McPhaden (2006): [The role of oceanic heat advection in the evolution of tropical North and South Atlantic SST anomalies](#). *J. Climate*, 19(23), 6122–6138. <http://journal-intra.pmel.noaa.gov/2007/folt2914.pdf>

Cont. #: 2983

Foltz, G.R., and M.J. McPhaden (2006): [Unusually warm sea surface temperatures in the tropical North Atlantic during 2005](#). *Geophys. Res. Lett.*, 33, L19703, doi: 10.1029/2006GL027394. <http://journal-intra.pmel.noaa.gov/2007/folt2983.pdf>

Cont. #: 3050

Fontaine, F.J., W.S.D. Wilcock, and D.A. Butterfield (2007): [Physical controls on the salinity of mid-ocean ridge hydrothermal vent fluids](#). *Earth Planet. Sci. Lett.*, 257(1–2), 132–145. <http://journal-intra.pmel.noaa.gov/2007/font3050.pdf>

Cont. #: 2858

Foreman, M.G.G., P.F. Cummins, J.Y. Cherniawsky, and P.J. Stabeno (2006): [Tidal energy in the Bering Sea](#). *J. Mar. Res.*, 64, 797–818. <http://journal-intra.pmel.noaa.gov/2007/fore2858.pdf>

Cont. #: 3071

Fritz, H.M., W. Kongko, A. Moore, B. McAdoo, J. Goff, C. Harbitz, B. Uslu, N. Kalligeris, D. Suteja, K. Kalsum, V. Titov, A. Gusman, H. Latief, E. Santoso, S. Sujoko, D. Djulkarnaen, H. Sunendar, and C. Synolakis (2007): [Extreme run-up from the 17 July 2006 Java tsunami](http://journal-intra.pmel.noaa.gov/2007/frit3071.pdf). Geophys. Res. Lett., 34, L12602, doi: 10.1029/2007GL029404. <http://journal-intra.pmel.noaa.gov/2007/frit3071.pdf>

Cont. #: 3070

Ganachaud, A., W. Kessler, S. Wijffels, K. Ridgway, W. Cai, N. Holbrook, M. Bowen, P. Sutton, B. Qiu, A. Timmermann, D. Roemmich, J. Sprintall, S. Cravatte, L. Gourdeau, and T. Aung (2007): [Southwest Pacific Ocean Circulation and Climate Experiment \(SPICE\)—Part I. Scientific Background](http://www.pmel.noaa.gov/pubs/PDF/gana3070/gana3070.pdf). International CLIVAR Project Office, CLIVAR Publication Series No. 111, NOAA OAR Special Report, NTIS: PB2007-111469, 37 pp. <http://www.pmel.noaa.gov/pubs/PDF/gana3070/gana3070.pdf>

Cont. #: 2940

Geist, E.L., V.V. Titov, D. Arcas, F.F. Pollitz, and S.L. Bilek (2007): [Implications of the 26 December 2004 Sumatra–Andaman Earthquake on tsunami forecast and assessment models for great subduction-zone earthquakes](http://doi.org/10.1785/0120050619). Bull. Seis., 97(1A), doi: 10.1785/0120050619, S249–S270.

Cont. #: 2920

German, C.R., E.T. Baker, D.P. Connelly, J.E. Lupton, J. Resing, R.D. Prien, S.L. Walker, H.N. Edmonds, and C.H. Langmuir (2006): [Hydrothermal exploration of the Fonualei Rift and Spreading Center and the North East Lau Spreading Center](http://doi.org/10.1029/2006GC001324). Geochem. Geophys. Geosyst., 7, Q11022, doi: 10.1029/2006GC001324. <http://journal-intra.pmel.noaa.gov/2007/germ2920.pdf>

Cont. #: 3025

Gilardoni, S., L.M. Russell, A. Sorooshian, R.C. Flagan, J.H. Seinfeld, T.S. Bates, P.K. Quinn, J.D. Allan, B. Williams, A.H. Goldstein, T.B. Onasch, and D.R. Worsnop (2007): [Regional variation of organic functional groups in aerosol particles on four U.S. east coast platforms during the International Consortium for Atmospheric Research on Transport and Transformation 2004 campaign](http://doi.org/10.1029/2006JD007737). J. Geophys. Res., 112(D10), D10S27, doi: 10.1029/2006JD007737. <http://journal-intra.pmel.noaa.gov/2007/gila3025.pdf>

Cont. #: 3031

González, F.I., E. Bernard, P. Dunbar, E. Geist, B. Jaffe, U. Kâno□lu, J. Locat, H. Mofjeld, A. Moore, C. Synolakis, V. Titov, and R. Weiss (Science Review Working Group) (2007): [Scientific and technical issues in tsunami hazard assessment of nuclear power plant sites](http://www.pmel.noaa.gov/pubs/PDF/gonz3031/gonz3031.pdf). NOAA Tech. Memo. OAR PMEL-136, NTIS: PB2008-101460, Pacific Marine Environmental Laboratory, Seattle, WA, 125 pp. + [appendices](#) on CD. <http://www.pmel.noaa.gov/pubs/PDF/gonz3031/gonz3031.pdf>

Cont. #: 2838

- Harrison, D.E., and M. Carson (2007): [Is the World Ocean warming? Upper-ocean temperature trends: 1950–2000](http://journal-intra.pmel.noaa.gov/2007/harr2838.pdf). J. Phys. Oceanogr., 37(2), 174–187. <http://journal-intra.pmel.noaa.gov/2007/harr2838.pdf>
- Cont. #: 2859
Hollowed, A.B., C.D. Wilson, P.J. Stabeno, and S.A. Salo (2007): [Effect of ocean conditions on the cross-shelf distribution of walleye pollock \(*Theragra chalcogramma*\) and capelin \(*Mallotus villosus*\)](http://journal-intra.pmel.noaa.gov/2007/holl2859.pdf). Fish. Oceanogr., 16(2), 142–154. <http://journal-intra.pmel.noaa.gov/2007/holl2859.pdf>
- Cont. #: 2797
Huber, J.A., D.A. Butterfield, and J.A. Baross (2006): [Diversity and distribution of subseafloor Thermococcales populations in diffuse hydrothermal vents at an active deep-sea volcano in the northeast Pacific Ocean](http://journal-intra.pmel.noaa.gov/2007/hube2797.pdf). J. Geophys. Res., 111, G04016, doi: 10.1029/2005JG000097. <http://journal-intra.pmel.noaa.gov/2007/hube2797.pdf>
- Cont. #: 2717
Inoue, H.Y., R.A. Feely, M. Ishii, T. Kawano, A. Murata, and R. Wanninkhof (2006): [Long-term trend of the partial pressure of CO₂ in surface waters and sea-air CO₂ flux in the equatorial Pacific](#). Chapter 1 in Global Climate Change and Response of Carbon Cycle in the Equatorial Pacific and Indian Oceans and Adjacent Landmasses, H. Kawahata and Y. Awaya (eds.), Elsevier Oceanography Series, Vol. 73, Elsevier, Amsterdam.
- Cont. #: 3018
Jochum, M., M.F. Cronin, W.S. Kessler, and D. Shea (2007): [Observed horizontal temperature advection by tropical instability waves](http://journal-intra.pmel.noaa.gov/2007/joch3018.pdf). Geophys. Res. Lett., 34, L09604, doi: 10.1029/2007GL029416. <http://journal-intra.pmel.noaa.gov/2007/joch3018.pdf>
- Cont. #: 2988
Johnson, G.C., and S.C. Doney (2006): [Correction to "Recent western South Atlantic bottom water warming"](http://journal-intra.pmel.noaa.gov/2007/john2988.pdf). Geophys. Res. Lett., 33. <http://journal-intra.pmel.noaa.gov/2007/john2988.pdf>
- Cont. #: 2792
Johnson, G.C., and N. Gruber (2007): [Decadal water mass variations along 20°W in the northeastern Atlantic Ocean](http://journal-intra.pmel.noaa.gov/2007/john2792.pdf). Prog. Oceanogr., 73(3–4), doi: 10.1016/j.pocean.2006.03.022, 277–295. <http://journal-intra.pmel.noaa.gov/2007/john2792.pdf>
- Cont. #: 3108
Johnson, G.C., and J.M. Lyman (2007): [3. Global Oceans; c. Sea surface salinity — in State of the Climate in 2006, A. Arguez \(ed.\)](http://journal-intra.pmel.noaa.gov/2007/john3108.pdf). Bull. Am. Meteorol. Soc., 88 (suppl.)(6), S34–S35. <http://journal-intra.pmel.noaa.gov/2007/john3108.pdf>

Cont. #: 3107

Johnson, G.C., J.M. Lyman, and J.K. Willis (2007): [3. Global Oceans; 2\) Heat content — in *State of the Climate in 2006*, A. Arguez \(ed.\)](#). Bull. Am. Meteorol. Soc., 88 (suppl.)(6), S31–S33. <http://journal-intra.pmel.noaa.gov/2007/john3107.pdf>

Cont. #: 2917

Johnson, G.C., J.M. Toole, and N.G. Larson (2007): [Sensor corrections for Sea-Bird SBE-41CP and SBE-41 CTDs](#). J. Atmos. Ocean. Tech., 24(6), doi: 10.1175/JTECH2016.1, 1117–1130. <http://journal-intra.pmel.noaa.gov/2007/john2917.pdf>

Cont. #: 3048

Kelly, N., A. Metaxas, and D.A. Butterfield (2007): [Spatial and temporal patterns of colonization by deep-sea hydrothermal vent invertebrates on the Juan de Fuca Ridge, NE Pacific](#). Aquat. Biol., 1, doi: 10.3354/abO0001, 1–16. <http://journal-intra.pmel.noaa.gov/2007/kell3048.pdf>

Cont. #: 2921

Kessler, W.S., and L. Gourdeau (2007): [The annual cycle of circulation in the southwest subtropical Pacific, analyzed in an ocean GCM](#). J. Phys. Oceanogr., 37(6), 1610–1627. <http://journal-intra.pmel.noaa.gov/2007/kess2921.pdf>

Cont. #: 2918

Kieke, D., M. Rhein, L. Stramma, W.M. Smethie, J.L. Bullister, and D.A. LeBel (2007): [Changes in the pool of Labrador Sea Water in the subpolar North Atlantic](#). Geophys. Res. Lett., 34, L06605, doi: 10.1029/2006GL028959. <http://journal-intra.pmel.noaa.gov/2007/kiek2918.pdf>

Cont. #: 2628

Koshimura, S., T. Katada, H.O. Mofjeld, and Y. Kawata (2006): [A method for estimating casualties due to the tsunami inundation flow](#). Nat. Hazards, 39(2), 265–274. <http://journal-intra.pmel.noaa.gov/2007/kosh2628.pdf>

Cont. #: 3033

Ladd, C. (2007): [Interannual variability of the Gulf of Alaska eddy field](#). Geophys. Res. Lett., 34(11), L11605, doi: 10.1029/2007GL029478. <http://journal-intra.pmel.noaa.gov/2007/ladd3033.pdf>

Cont. #: 2898

Ladd, C., C.W. Mordy, N.B. Kachel, and P.J. Stabeno (2007): [Northern Gulf of Alaska eddies and associated anomalies](#). Deep-Sea Res. I, 54, 487–509. <http://journal-intra.pmel.noaa.gov/2007/ladd2898.pdf>

Cont. #: 2903

Lanksbury, J.A., J.T. Duffy-Anderson, M.S. Busby, P.J. Stabeno, and K.L. Mier (2007):

[Distribution and transport patterns of northern rock sole, *Lepidopsetta polyxystra*, larvae in the southeastern Bering Sea](http://journal-intra.pmel.noaa.gov/2007/lank2903.pdf). Prog. Oceanogr., 72(1), 39–62. <http://journal-intra.pmel.noaa.gov/2007/lank2903.pdf>

Cont. #: 2938

Lee, K., L.T. Tong, F.J. Millero, C.L. Sabine, A.G. Dickson, C. Goyet, G.-H. Park, R. Wanninkhof, R.A. Feely, and R.M. Key (2006): [Global relationships of total alkalinity with salinity and temperature in surface waters of the world's oceans](http://journal-intra.pmel.noaa.gov/2007/lee2938.pdf). Geophys. Res. Lett., 33, L19605, doi: 10.1029/2006GL027207. <http://journal-intra.pmel.noaa.gov/2007/lee2938.pdf>

Cont. #: 2701

Lyman, J.M., G.C. Johnson, and W.S. Kessler (2007): [Distinct 17- and 33-day tropical instability waves in subsurface observations](http://journal-intra.pmel.noaa.gov/2007/lyma2701.pdf). J. Phys. Oceanogr., 37(4), 855–872. <http://journal-intra.pmel.noaa.gov/2007/lyma2701.pdf>

Cont. #: 2837

McGillis (chair and ed.), W., R. Duce, D. Erickson, C. Fairall, D. Farmer, R. Feely, B. Huebert, W. Jenkins, W. Keene, R. Kiene, P. Matrai, K. Melville, W. Miller, R. Najjar, E. Saltzman, P. Schlosser, D. Siegel, W.-J. Cai, D. Ho, S. Doney, K. Johnson, C. McNeil, M.J. Perry, J. Prospero, O. Schofield, P. Shepson, D. Turk, and R. Wanninkhof (2006): [The United States Surface Ocean—Lower Atmospheric Study \(SOLAS\), Science Implementation Strategy](#). Published in collaboration with the U.S. Ocean Carbon and Biogeochemistry (OCB) program and the International integrated Marine Biogeochemistry Ecosystem Research (IMBER) and SOLAS programs, 123 pp.

Cont. #: 3046

McPhaden, M.J., Y. Kuroda, and V.S.N. Murty (2007): [Development of an Indian Ocean moored buoy array for climate studies](#). CLIVAR Exchanges, 11(4), International CLIVAR Office, Southampton, UK, 3–5.

Cont. #: 2969

McPhaden, M.J., S.E. Zebiak, and M.H. Glantz (2006): [ENSO as an integrating concept in earth science](http://journal-intra.pmel.noaa.gov/2007/mcph2969.pdf). Science, 314(5806), 1740–1745. <http://journal-intra.pmel.noaa.gov/2007/mcph2969.pdf>

Cont. #: 3101

McTaggart, K.E., and G.C. Johnson (2007): [CTD measurements during 2005 and 2006 as part of the TAO/TRITON Program](http://www.pmel.noaa.gov/pubs/PDF/mcta3101/mcta3101.pdf). NOAA Data Report OAR PMEL-72, NTIS: PB2008-500022, NOAA/Pacific Marine Environmental Laboratory, Seattle, WA, + CD-ROM, 137 pp. + CD-ROM. <http://www.pmel.noaa.gov/pubs/PDF/mcta3101/mcta3101.pdf>

Cont. #: 3038

Megrey, B.A., S.A. Macklin, K. Bahl, and P.D. Klawitter (eds.) (2007): [Metadata](#)

- [Federation of PICES member countries](#). PICES Technical Report No. 1, North Pacific Marine Science Organization (PICES), 151 pp.
- Cont. #: 3032
Megrey, B.A., S.A. Macklin, and T. Suzuki (2007): [Japan joins PICES Metadata Federation](#). PICES Press, 15(1), 30–33.
- Cont. #: 3072
Mellinger, D.K., J.W. Bradbury, and K.A. Cortopassi (2007): [Acoustic measurement of marine mammal sounds in noisy environments](#). In Proceedings of the Second International Conference Underwater Acoustic Measurements: Technologies Results, Heraklion, Crete, Greece, 25–29 June 2007, 8 pp.
- Cont. #: 2939
Mellinger, D.K., and C.W. Clark (2006): [MobySound: A reference archive for studying automatic recognition of marine mammal sounds](#). Appl. Acoust., 67(11–12), 1226–1242.
- Cont. #: 3109
Metzl, N., B. Tilbrook, D. Bakker, C. Le Quéré, S. Doney, R. Feely, M. Hood, and R. Dargaville (2007): [Global changes in ocean carbon: Variability and vulnerability. Surface Ocean CO₂ Variability and Vulnerability Workshop, Paris, France, 11–14 April 2007](#). Eos Trans. AGU, 88(28), 287. <http://journal-intra.pmel.noaa.gov/2007/metz3109.pdf>
- Cont. #: 2768
Mofjeld, H.O., F.I. González, V.V. Titov, A.J. Venturato, and J.C. Newman (2007): [Effects of tides on maximum tsunami wave heights: Probability distributions](#). J. Atmos. Ocean. Tech., 24(1), 117–123. <http://journal-intra.pmel.noaa.gov/2007/mofj2768.pdf>
- Cont. #: 2999
Nielsen, S.G., M. Rehkämper, D.A.H. Teagle, D.A. Butterfield, J.C. Alt, and A.N. Halliday (2006): [Hydrothermal fluid fluxes calculated from the isotopic mass balance of thallium in the ocean crust](#). Earth Planet. Sci. Lett., 251(1–2), 120–133. <http://journal-intra.pmel.noaa.gov/2007/niel2999.pdf>
- Cont. #: 3017
O'Brien, K.M., S. Hankin, R. Schweitzer, K. Kern, B. Smith, T. Habermann, and N. Auerbach (2007): [An introduction to the Observing System Monitoring Center](#). In Proceedings of the 23rd International Conference on Interactive Information and Processing Systems (IIPS) for Meteorology, Oceanography, and Hydrology, 87th AMS Annual Meeting, San Antonio, TX, 14–18 January 2007, Paper 2B.5. <http://www.pmel.noaa.gov/pubs/PDF/o%27br3017/o%27br3017.pdf>
- Cont. #: 3044

- Okal, E.A., and V.V. Titov (2007): [MTSU: Recovering seismic moments from tsunami records](#). Pure Appl. Geophys., 164(2–3), doi: 10.1007/s00024-006-0, 355–378.
- Cont. #: 3027
Olson, J.B., B.A. Colle, N.A. Bond, and N. Winstead (2007): [A comparison of two coastal barrier jet events along the southeast Alaskan coast during the SARJET Field Experiment](#). Mon. Wea. Rev., 135(8), 2973–2994. <http://journal-intra.pmel.noaa.gov/2007/olso3027.pdf>
- Cont. #: 3009
Osthoff, H.D., R. Sommariva, T. Baynard, A. Pettersson, E.J. Williams, B.M. Lerner, J.M. Roberts, H. Stark, P.D. Goldan, W.C. Kuster, T.S. Bates, D. Coffman, A.R. Ravishankara, and S.S. Brown (2006): [Observation of daytime N₂O₅ in the marine boundary layer during New England Air Quality Study–Intercontinental Transport and Chemical Transformation 2004](#). J. Geophys. Res., 111, D23S14, doi: 10.1029/2006JD007593. <http://journal-intra.pmel.noaa.gov/2007/osth3009.pdf>
- Cont. #: 3135
Overland, J.E., J.E. Walsh, and M. Wang (2007): [Why are ice and snow changing?](#) Chapter 3 in Global Outlook for Ice and Snow, United Nations Environment Programme (UNEP), Division of Early Warning and Assessment (DEWA), 29–38.
- Cont. #: 3019
Overland, J.E., and M. Wang (2007): [Future climate of the North Pacific Ocean](#). Eos Trans. AGU, 88, 178, 182. <http://journal-intra.pmel.noaa.gov/2007/over3019.pdf>
- Cont. #: 3081
Overland, J.E., and M. Wang (2007): [Future regional Arctic Sea ice declines](#). Geophys. Res. Lett., 34(17), L17705, doi: 10.1029/2007GL030808. <http://journal-intra.pmel.noaa.gov/2007/over3081.pdf>
- Cont. #: 2931
Quay, P., R. Sonnerup, J. Stutsman, J. Maurer, A. Körtzinger, X.A. Padin, and C. Robinson (2007): [Anthropogenic CO₂ accumulation rates in the North Atlantic Ocean from changes in the ¹³C/¹²C of dissolved inorganic carbon](#). Global Biogeochem. Cy., 21(1), GB1009, doi: 10.1029/2006GB002761. <http://journal-intra.pmel.noaa.gov/2007/quay2931.pdf>
- Cont. #: 2935
Quinn, P.K., T.S. Bates, D. Coffman, T.B. Onasch, D. Worsnop, T. Baynard, J.A. de Gouw, P.D. Goldan, W.C. Kuster, E. Williams, J.M. Roberts, B. Lerner, A. Stohl, A. Pettersson, and E.R. Lovejoy (2006): [Impacts of sources and aging on submicrometer aerosol properties in the marine boundary layer across the Gulf of Maine](#). J. Geophys. Res., 111(D23), D23S36, doi: 10.1029/2006JD007582. <http://journal-intra.pmel.noaa.gov/2007/quinn2935.pdf>

intra.pmel.noaa.gov/2007/quin2935.pdf

Cont. #: 2945

Quinn, P.K., G. Shaw, E. Andrews, E.G. Dutton, T. Ruoho-Airola, and S.L. Gong (2007): [Arctic haze: Current trends and knowledge gaps](#). *Tellus*, 59B, 99–144. <http://journal-intra.pmel.noaa.gov/2007/quin2945.pdf>

Cont. #: 3068

Reay, D.S., C.L. Sabine, P. Smith, and G. Hymus (2007): [Spring-time for sinks](#). *Nature*, 446(7137), doi: 10.1038/446727a, 727–728. <http://journal-intra.pmel.noaa.gov/2007/reay3068.pdf>

Cont. #: 3103

Reay, D.S., P. Smith, G. Hymus, and C. Sabine (2007): [New Directions: The changing role of the terrestrial carbon sink in determining atmospheric CO₂ concentrations](#). *Atmos. Environ.*, 41(27), 5813–5815. <http://journal-intra.pmel.noaa.gov/2007/reay3103.pdf>

Cont. #: 3104

Richter-Menge, J., J. Overland, A. Proshutinsky, V. Romanovsky, R. Armstrong, J. Morison, S. Nghiem, N. Oberman, D. Perovich, I. Rigor, L. Bengtsson, R. Przybylak, A. Shiklomanov, D. Walker, and J. Walsh (2007): [5. The Poles; a. Arctic — in State of the Climate in 2006, A. Arguez \(ed.\)](#). *Bull. Am. Meteorol. Soc.*, 88 (suppl.)(6), S62–S71. <http://journal-intra.pmel.noaa.gov/2007/rich3104.pdf>

Cont. #: 2952

Richter-Menge, J., J. Overland, A. Proshutinsky, V. Romanovsky, L. Bengtsson, L. Brigham, M. Dyrugerov, J.C. Gascard, S. Gerland, R. Graversen, C. Haas, M. Karcher, P. Kuhry, J. Maslanik, H. Melling, W. Maslowski, J. Morison, D. Perovich, R. Przybylak, V. Rachold, I. Rigor, A. Shiklomanov, J. Stroeve, D. Walker, and J. Walsh (2006): [State of the Arctic Report](#). NOAA Special Report OAR PMEL, NOAA/OAR/PMEL, Seattle, WA, 36 pp. <http://www.pmel.noaa.gov/pubs/PDF/rich2952/rich2952.pdf>

Cont. #: 3006

Russell, P.B., J.M. Livingston, J. Redemann, B. Schmid, S.A. Ramirez, J. Eilers, R. Kahn, D.A. Chu, L. Remer, P.K. Quinn, M.J. Rood, and W. Wang (2007): [Multi-grid-cell validation of satellite aerosol property retrievals in INTEX/ITCT/ICARTT 2004](#). *J. Geophys. Res.*, 112(D12), D12S09, doi: 10.1029/2006JD007606. <http://journal-intra.pmel.noaa.gov/2007/russ3006.pdf>

Cont. #: 2854

Sabine, C.L., and R.A. Feely (2007): [The oceanic sink for carbon dioxide](#). In *Greenhouse Gas Sinks*, D. Reay, N. Hewitt, J. Grace, and K. Smith (eds.), CABI Publishing, Oxfordshire, UK, 31–49.

Cont. #: 3045

Sabine, C.L., R.A. Feely, and R. Wanninkhof (2007): [3. Global Oceans; f. Global ocean carbon cycle — in *State of the Climate in 2006*, A. Arguez \(ed.\)](#). Bull. Am. Meteorol. Soc., 88 (suppl.)(6), S40–S43. <http://journal-intra.pmel.noaa.gov/2007/sabi3045.pdf>

Cont. #: 2808

Schweitzer, R.H., S. Hankin, A. Manke, J. Callahan, K. O'Brien, Steve Du, and J. Li (2007): [Software architecture principles for web-application infrastructure—How earth science software systems such as the Live Access Server fit in](#). In 23rd Conference on Interactive Information Processing Systems (IIPS) for Meteorology, Oceanography, and Hydrology, 87th AMS Annual Meeting, San Antonio, TX, 14–18 January 2007, Paper 9A.2. <http://www.pmel.noaa.gov/pubs/PDF/schw2808/schw2808.pdf>

Cont. #: 3041

Serra, Y.L., M.F. Cronin, and G.N. Kiladis (2007): [Sub-seasonal variance of surface meteorological parameters in buoy observations and reanalyses](#). Geophys. Res. Lett., 34, L12708, doi: 10.1029/2007GL029506. <http://journal-intra.pmel.noaa.gov/2007/serr3041.pdf>

Cont. #: 3007

Sierau, B., D.S. Covert, D.J. Coffman, P.K. Quinn, and T.S. Bates (2006): [Aerosol optical properties during the 2004 New England Air Quality Study—Intercontinental Transport and Chemical Transformation: Gulf of Maine surface measurements—Regional and case studies](#). J. Geophys. Res., 111, D23S37, doi: 10.1029/2006JD007568. <http://journal-intra.pmel.noaa.gov/2007/sier3007.pdf>

Cont. #: 2932

Sonnerup, R., J. Bullister, and S. Mecking (2007): [Circulation rate changes in the eastern subtropical North Pacific based on chlorofluorocarbon ages](#). Geophys. Res. Lett., 34, L08605, doi: 10.1029/2006GL028813. <http://journal-intra.pmel.noaa.gov/2007/sonn2932.pdf>

Cont. #: 2884

Sonnerup, R.E., A.P. McNichol, P.D. Quay, R.H. Gammon, J.L. Bullister, C.L. Sabine, and R.D. Slater (2007): [Anthropogenic delta¹³C changes in the North Pacific Ocean reconstructed using a multiparameter mixing approach \(MIX\)](#). Tellus, 59B, 303–317. <http://journal-intra.pmel.noaa.gov/2007/sonn2884.pdf>

Cont. #: 3012

Stark, H., S.S. Brown, P.D. Goldan, M. Aldener, W.C. Kuster, R. Jakoubek, F.C. Fehsenfeld, J. Meagher, T.S. Bates, and A.R. Ravishankara (2007): [Influence of nitrate radical on the oxidation of dimethyl sulfide in a polluted marine environment](#). J. Geophys. Res., 112, D10S10, doi: 10.1029/2006JD007669. <http://journal-intra.pmel.noaa.gov/2007/star3012.pdf>

Cont. #: 2676

Strom, S.L., M.B. Olson, E.L. Macri, and C.W. Mordy (2006): [Cross-shelf gradients in phytoplankton community structure, nutrient utilization, and growth rate in the coastal Gulf of Alaska](http://journal-intra.pmel.noaa.gov/2007/stro2676.pdf). Mar. Ecol.-Prog. Ser., 328, 75–92. <http://journal-intra.pmel.noaa.gov/2007/stro2676.pdf>

Cont. #: 3053

Synolakis, C.E., E.N. Bernard, V.V. Titov, U. K n lu, and F.I. Gonz lez (2007): [Standards, criteria, and procedures for NOAA evaluation of tsunami numerical models](http://www.pmel.noaa.gov/pubs/PDF/syno3053/syno3053.pdf). NOAA Tech. Memo. OAR PMEL-135, NTIS: PB2007-109601, NOAA/Pacific Marine Environmental Laboratory, Seattle, WA, 55 pp. <http://www.pmel.noaa.gov/pubs/PDF/syno3053/syno3053.pdf>

Cont. #: 2336

Synolakis, C.E., J.C. Borrero, H. Fritz, V.V. Titov, and E. Okal (2007): [Inundation during the 26 December 2004 tsunami](#). In Coastal Engineering 2006—Proceedings of the 30th International Conference, San Diego, CA, 3–8 December 2006, 1625–1637.

Cont. #: 3011

Thompson, A.M., J.B. Stone, J. Witte, S.K. Miller, S.J. Oltmans, T.L. Kucsera, K.L. Ross, K.E. Pickering, J.T. Merrill, G. Forbes, D.W. Tarasick, E. Joseph, F.J. Schmidlin, W.W. McMillan, J. Warner, E.J. Hints, and J.E. Johnson (2007): [Intercontinental Chemical Transport Experiment Ozone Network Study \(IONS\) 2004: 2. Tropospheric ozone budgets and variability over northeastern North America](http://journal-intra.pmel.noaa.gov/2007/thom3011.pdf). J. Geophys. Res., 112(D12S13), doi: 10.1029/2006JD007670. <http://journal-intra.pmel.noaa.gov/2007/thom3011.pdf>

Cont. #: 3051

Tolkova, E. (2007): [Compression of MOST Propagation Database](http://www.pmel.noaa.gov/pubs/PDF/tolk3051/tolk3051.pdf). NOAA Tech. Memo. OAR PMEL-134, NTIS: PB2007-108218, 9 pp. <http://www.pmel.noaa.gov/pubs/PDF/tolk3051/tolk3051.pdf>

Cont. #: 2951

Tolstoy, M., J.P. Cowen, E.T. Baker, D.J. Fornari, K.H. Rubin, T.M. Shank, F. Waldhauser, D.R. Bohnenstiehl, D.W. Forsyth, R.C. Holmes, B. Love, M.R. Perfit, R.T. Weekly, S.A. Soule, B. Glazer, Science Party RV New Horizon, and Science Party RV Knorr (2006): [A seafloor spreading event captured by seismometers](http://journal-intra.pmel.noaa.gov/2007/tols2951.pdf). Science, 314(5807), 1920–1922. <http://journal-intra.pmel.noaa.gov/2007/tols2951.pdf>

Cont. #: 2752

Trites, A.W., A.J. Miller, H.D.G. Maschner, M.A. Alexander, S.J. Bograd, J.A. Calder, A. Capotondi, K.O. Coyle, E. Di Lorenzo, B.P. Finney, E.J. Gregr, C.E. Grosch, S.R. Hare, G.L. Hunt, Jr., J. Jahncke, N.B. Kachel, H.-J. Kim, C. Ladd, N.J. Mantua, C. Marzban, W. Maslowski, R. Mendelsohn, D.J. Neilson, S.R. Okkonen, J.E. Overland,

- K.L. Reedy-Maschner, T.C. Royer, F.B. Schwing, J.X.L. Wang, and A.J. Winship (2007): [Bottom-up forcing and the decline of Steller sea lions \(*Eumetopias jubatas*\) in Alaska: Assessing the ocean climate hypotheses](http://journal-intra.pmel.noaa.gov/2007/trit2752.pdf). Fish. Oceanogr., 16(1), 46–67. <http://journal-intra.pmel.noaa.gov/2007/trit2752.pdf>
- Cont. #: 2846
Turner, J., J.E. Overland, and J.E. Walsh (2006): [An Arctic and Antarctic perspective on recent climate change](http://journal-intra.pmel.noaa.gov/2007/turn2846.pdf). Int. J. Climatol., 27(3), 277–293. <http://journal-intra.pmel.noaa.gov/2007/turn2846.pdf>
- Cont. #: 2989
Vance, T.C., B.A. Megrey, and C.W. Moore (2006): [GeoModeler—Integration of a nutrient-phytoplankton-zooplankton \(NPZ\) model and an individual-based model \(IBM\) with a geographic information system \(GIS\)](#). In ICES 2006 Annual Science Conference—Theme session M (Data Management), Maastricht, The Netherlands, 19–23 September 2006, Paper M:27, 12 pp.
- Cont. #: 2328
Vance, T.C., S. Mesick, and C.W. Moore (2007): [GeoFish—Integration of fisheries models with GIS](#). In Proceedings of the ESRI International User Conference, San Diego, CA, 19–22 June 2007.
- Cont. #: 3016
Vance, T.C., S. Mesick, and C.W. Moore (2007): [Integrating oceanographic models with GIS—ROMS and beyond](http://www.pmel.noaa.gov/pubs/PDF/vanc3016/vanc3016.pdf). In 23rd Conference on Interactive Information Processing Systems (IIPS) for Meteorology, Oceanography, and Hydrology, 87th AMS Annual Meeting, San Antonio, TX, 14–18 January 2007, Paper 4B.12. <http://www.pmel.noaa.gov/pubs/PDF/vanc3016/vanc3016.pdf>
- Cont. #: 2949
Venturato, A.J., D. Arcas, and U. K  nig (2007): [Modeling tsunami inundation from a Cascadia subduction zone earthquake for Long Beach and Ocean Shores, Washington](http://www.pmel.noaa.gov/pubs/PDF/vent2949/vent2949.pdf). NOAA Tech. Memo. OAR PMEL-137, NTIS: PB2008-101768, NOAA/Pacific Marine Environmental Laboratory, Seattle, WA, 26 pp. <http://www.pmel.noaa.gov/pubs/PDF/vent2949/vent2949.pdf>
- Cont. #: 2981
Venturato, A.J., D. Arcas, V.V. Titov, H.O. Mofjeld, C.C. Chamberlin, and F.I. Gonz  lez (2007): [Tacoma, Washington, tsunami hazard mapping project: Modeling tsunami inundation from Tacoma and Seattle fault earthquakes](http://www.pmel.noaa.gov/pubs/PDF/vent2981/vent2981.pdf). NOAA Tech. Memo. OAR PMEL-132, NTIS: PB2007-106465, 23 pp. <http://www.pmel.noaa.gov/pubs/PDF/vent2981/vent2981.pdf>
- Cont. #: 3125
Venturato, A.J., D.W. Denbo, K.T. McHugh, J.R. Osborne, P. Sorvik, and C. Moore

- (2007): [NOAA tsunami forecasting system: Using numerical modeling tools to assist in tsunami warning guidance](#). In 23rd Conference on Interactive Information Processing Systems (IIPS) for Meteorology, Oceanography, and Hydrology, 87th AMS Annual Meeting, San Antonio, TX, 14–18 January 2007, Paper 3A.8.
- Cont. #: 3126
Venturato, A.J., E. Gica, D.W. Denbo, and V.V. Titov (2007): [Assimilation of real-time tsunami event data into forecasting models](#). In 11th Symposium on Integrated Observing and Assimilation Systems for the Atmosphere, Oceans, and Land Surface (IOAS-AOLS), 7th AMS Annual Meeting, San Antonio, TX, 14–18 January 2007, Paper P1.10.
- Cont. #: 2804
Wang, M., J.E. Overland, V. Kattsov, J.E. Walsh, X. Zhang, and T. Pavlova (2007): [Intrinsic versus forced variation in coupled climate model simulations over the Arctic during the Twentieth Century](#). J. Climate, 20(6), 1093–1107. <http://journal-intra.pmel.noaa.gov/2007/wang2804.pdf>
- Cont. #: 3005
Wang, W., M.J. Rood, C.M. Carrico, D.S. Covert, P.K. Quinn, and T.S. Bates (2007): [Aerosol optical properties along the northeast coast of North America during the New England Air Quality Study–Intercontinental Transport and Chemical Transformation 2004 campaign and the influence of aerosol composition](#). J. Geophys. Res., 112(D10), D10S23, doi: 10.1029/2006JD007579. <http://journal-intra.pmel.noaa.gov/2007/wang3005.pdf>
- Cont. #: 3060
Weiss, R., and H. Bahlburg (2006): [A note on the preservations of offshore tsunami deposits](#). J. Sediment. Res., 76(12), doi: 10.2110/jsr2006.110, 1267–1273.
- Cont. #: 3057
Weiss, R., K. Wünnemann, and H. Bahlburg (2006): [Numerical modelling of generation, propagation and run-up of tsunamis caused by oceanic impacts: model strategy and technical solutions](#). Geophys. J. Int., 167(1), doi: 10.1111/j.1365-246X., 77–88. <http://journal-intra.pmel.noaa.gov/2007/weis3057.pdf>
- Cont. #: 3069
Willis, J.K., J.M. Lyman, G.C. Johnson, and J. Gilson (2007): [Correction to "Recent Cooling of the Upper Ocean"](#). Geophys. Res. Lett., 34. <http://www.pmel.noaa.gov/pubs/PDF/will3069/will3069.pdf>
- Cont. #: 3004
Witek, M.L., P.J. Flatau, P.K. Quinn, and D.L. Westphal (2007): [Global sea-salt modeling: Results and validation against multicampaign shipboard measurements](#). J. Geophys. Res., 112, D08215, doi: 10.1029/2006JD007779. <http://journal-intra.pmel.noaa.gov/2007/wite3004.pdf>

Cont. #: 3127

Wong, F.L., A.J. Venturato, and E.L. Geist (2007): [GIS data for the Seaside, Oregon, tsunami pilot study to modernize FEMA flood hazard maps](#). In Proceedings of Coastal Zone 07, Portland, Oregon, 22–26 July 2007, Paper 3029.

Cont. #: 2982

Wong, F.L., A.J. Venturato, and E.L. Geist (2007): [Seaside, Oregon Tsunami Pilot Study—Modernization of FEMA Flood Maps: GIS Data](#). U.S. Geological Survey Open-File Report, Data Series 236, <http://pubs.usgs.gov/ds/2006/236/>. [\[Full Text\]](#)

Cont. #: 2870

Wood, K.R., and J.E. Overland (2006): [Climate lessons from the First International Polar Year](#). Bull. Am. Meteorol. Soc., 87(12), 1685–1697. <http://journal-intra.pmel.noaa.gov/2007/wood2870.pdf>

Cont. #: 2904

Zhang, D., and M.J. McPhaden (2006): [Decadal variability of the shallow Pacific meridional overturning circulation: Relation to tropical sea surface temperatures in observations and climate change models](#). Ocean Modelling, 15(3–4), 250–273. <http://journal-intra.pmel.noaa.gov/2007/zhan2904.pdf>

Cont. #: 3022

Zhu, W.H., F. Bonjean, G. Lagerloef, and N.N. Soreide (2007): [Interactive web access to ocean surface currents analyses—Real time data](#). In 19th Conference on Climate Variability and Change, 87th AMS Annual Meeting, San Antonio, TX, 14–18 January 2007, Paper J2.6. <http://www.pmel.noaa.gov/pubs/PDF/zhu3022/zhu3022.pdf>

Cont. #: 2883

Zhu, W.H., D.M. Schultz, D. Kennedy, K. Kelleher, and N.N. Soreide (2006): [The National Severe Storms Laboratory historical weather data archives data management and web access system](#). Bull. Am. Meteorol. Soc., 87(12), 1679–1683. <http://journal-intra.pmel.noaa.gov/2007/zhu2883.pdf>

Cont. #: 3023

Zhu, W.H., D.M. Schultz, D. Kennedy, K. Kelleher, and N.N. Soreide (2007): [The National Severe Storms Laboratory historical weather data archives data management and web access system](#). In 19th Conference on Climate Variability and Change, 87th AMS Annual Meeting, San Antonio, TX, 14–18 January 2007, J2.1. <http://www.pmel.noaa.gov/pubs/PDF/zhu3023/zhu3023.pdf>