



FY2011 Journal Articles

Cont. #: 3543

Alin, S.R., M.F.F.L. Rasera, C.I. Salimon, J.E. Richey, G.W. Holtgrieve, A.V. Krusche, and A. Snidvongs (2011): **Physical controls on carbon dioxide transfer velocity and flux in low-gradient river systems and implications for regional carbon budgets.** *J. Geophys. Res.*, 116, G01009, doi: 10.1029/2010JG001398. [\[PDF Version\]](#)

Cont. #: 3630

Arcas, D, and Y Wei (2011): **Evaluation of velocity-related approximations in the non-linear shallow water equations for the Kuril Islands, 2006 tsunami event at Honolulu, Hawaii.** *Geophys. Res. Lett.*, 38, L12608, doi: 10.1029/2011GL047083, 6 pp. [\[PDF Version\]](#)

Cont. #: 3417

Atwood, E., J.T. Duffy-Anderson, J.K. Horne, and C. Ladd (2010): **Influence of mesoscale eddies on ichthyoplankton assemblages in the Gulf of Alaska.** *Fish. Oceanogr.*, 19(6), doi: 10.1111/j.1365-2419.2010.00559.x, 493-507. [\[PDF Version\]](#)

Cont. #: 3544

Aufdenkampe, A.K., E. Mayorga, P.A. Raymond, J.M. Melack, S.C. Doney, S.R. Alin, R.E. Aalto, and K. Yoo (2011): **Riverine coupling of biogeochemical cycles between land, oceans, and atmosphere.** *Front. Ecol. Environ.*, 9(1), doi: 10.1890/100014, 53-60. [\[PDF Version\]](#)

Cont. #: 3682

Baker, E.T., J.E. Lupton, J.A. Resing, T. Baumberger, M.D. Lilley, S.L. Walker, and K.H. Rubin (2011): **Unique event plumes from a 2008 eruption on the Northeast Lau Spreading Center.** *Geochem. Geophys. Geosyst.*, 12, Q0AF02, doi: 10.1029/2011GC003725, 21 pp. [\[PDF Version\]](#)

Cont. #: 3549

Balmaseda, M.A., Y. Fujii, O. Alves, T. Lee, M. Rienecker, T. Rosati, D. Stammer, Y. Xue, H. Freeland, M.J. McPhaden, L. Goddard, and C. Coelho (2010): **Role of the Ocean Observing System in an end-to-end seasonal forecasting system.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 1)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.03. [\[PDF Version\]](#)

Cont. #: 3663

Barberopoulou, A., M.R. Legg, B. Uslu, and C.E. Synolakis (2011): **Reassessing the tsunami risk in major ports and harbors of California I: San Diego.** *Nat. Hazards*, 58(1), doi: 10.1007/s11069-010-9681-8, 479–496. [\[PDF Version\]](#)

Cont. #: 3621

Beal, L., W.P.M. de Ruijter, A. Biastoch, R. Zahn, M. Cronin, J. Hermes, J. Lutjeharms, G. Quartly, and T. Tozuka (2011): **On the role of the Agulhas system in ocean circulation and climate.** *Nature*, 472, doi: 10.1038/nature09983, 429–436. [\[PDF Version\]](#)

Cont. #: 3501

Bernard, E.N., C. Meinig, V.V. Titov, K. O'Neil, R. Lawson, K. Jarrott, R. Bailey, F. Nelson, S. Tinti, C. von Hillebrandt, and P. Koltermann (2010): **Tsunami resilient communities**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 1)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.04. [\[PDF Version\]](#)

Cont. #: 3687

Blanc, F., V. Baralle, J.D. Blower, E. Bronner, P. Cornillon, J. de la Beaujardi  re, C. Donlon, A. Gemmel, S.C. Hankin, R. Keeley, O. Lauret, T. Loubrieu, I. Petiteville, S. Pouliquen, M. Price, T. Pugh, and A. Srinavasan (2010): **Evolution in data and product management for serving operational oceanography, a GODAE feedback**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.05. [\[PDF Version\]](#)

Cont. #: 3688

Blower, J.D., S.C. Hankin, R. Keeley, S. Pouliquen, J. de la Beaujardi  re, E. Vanden Berghe, G. Reed, F. Blanc, M.C. Gregg, J. Fredericks, and D. Snowden (2010): **Ocean data dissemination: New challenges for data integration**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 1)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.05. [\[PDF Version\]](#)

Cont. #: 3529

Bond, N.A., M.F. Cronin, C. Sabine, Y. Kawai, H. Ichikawa, P. Freitag, and K. Ronnholm (2011): **Upper-ocean response to Typhoon Choi-Wan as measured by the Kuroshio Extension Observatory (KEO) mooring**. *J. Geophys. Res.*, 116, C02031, doi: 10.1029/2010JC006548, 8 pp. [\[PDF Version\]](#)

Cont. #: 3454

Borges, A.V., S.R. Alin, F.P. Chavez, P. Vlahos, K.S. Johnson, J.T. Holt, W.M. Balch, N. Bates, R. Brainard, W.-J. Cai, C.T.A. Chen, K. Currie, M. Dai, M. Degrandpre, B. Delille, A. Dickson, W. Evans, R.A. Feely, G.E. Friederich, G.-C. Gong, B. Hales, N. Hardman-Mountford, J. Hendee, J.M. Hernandez-Ayon, M. Hood, E. Huertas, D. Hydes, D. Ianson, E. Krasakopoulou, E. Litt, A. Luchetta, J. Mathis, W.R. McGillis, A. Murata, J. Newton, J. Olafsson, A. Omar, F.F. Perez, C. Sabine, J.E. Salisbury, R. Salm, V.V.S.S. Sarma, B. Schneider, M. Sigler, H. Thomas, D. Turk, D. Vandemark, R. Wanninkhof, and B. Ward (2010): **A global sea surface carbon observing system: inorganic and organic carbon dynamics in coastal oceans**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.07. [\[PDF Version\]](#)

Cont. #: 3699

Brock, C.A., J. Cozic, R. Bahreini, K.D. Froyd, A.M. Middlebrook, A. McComiskey, J. Brioude, O.R. Cooper, A. Stohl, K.C. Aikin, J.A. deGouw, D.W. Fahey, R.A. Ferrare, R.S. Gao, W. Gore, J.S. Holloway, G. H  bler, A. Jefferson, D.A. Lack, S. Lance, R.H. Moore, D.M. Murphy, A. Nenes, P.C. Novelli, J.B. Nowak, J.A. Ogren, J. Peischl, R.B. Pierce, P. Pilewskie, P.K. Quinn, T.B. Ryerson, K.S. Schmidt, J.P. Schwarz, H. Sodemann, J.R. Spackman, H. Stark, D.S. Thomson, T. Thornberry, P. Veres, L.A. Watts, C. Warneke, and A.G. Wollny (2011): **Characteristics, sources, and transport of aerosols measured in spring 2008 during the aerosol, radiation, and cloud processes affecting Arctic Climate (ARCPAC) Project**. *Atmos. Chem. Phys.*, 11, doi: 10.5194/acp-11-2423-2011, 2423–2453. [\[PDF Version\]](#)

Cont. #: 3498

Butterfield, D.A., K. Nakamura, B. Takano, M.D. Lilley, J.E. Lupton, J.A. Resing, and K.K. Roe (2011): **High SO₂ flux, sulfur accumulation, and gas fractionation at an erupting submarine volcano.** *Geology*, 39(9), doi: 10.1130/G31901.1, 803–806. [\[PDF Version\]](#)

Cont. #: 3667

Canadell, J., P. Ciais, K. Gurney, C. Le Quere, S. Piao, M. Raupach, and C. Sabine (2011): **An international effort to quantify regional carbon fluxes.** *Eos Trans. AGU*, 92(10), doi: 10.1029/2011EO100001, 81–82. [\[PDF Version\]](#)

Cont. #: 3559

Chadwick, Jr., W.W., S. Jónsson, D.J. Geist, M. Poland, D.J. Johnson, S. Batt, K.S. Harpp, and A. Ruiz (2011): **The May 2005 eruption of Fernandina volcano, Galápagos: The first circumferential dike intrusion observed by GPS and InSAR.** *Bull. Volcanol.*, 73(6), doi: 10.1007/s00445-010-0433-0, 679–697.

Cont. #: 3606

Chang, Y.-T., T.Y. Tang, S.-Y. Chao, M.-H. Chang, D.S. Ko, Y.J. Yang, W.-D. Liang, and M.J. McPhaden (2010): **Mooring observations and numerical modeling of thermal structures in the South China Sea.** *J. Geophys. Res.*, 115, C10022, doi: 10.1029/2010JC006293, 19 pp. [\[PDF Version\]](#)

Cont. #: 3563

Cravatte, S., A. Ganachaud, Q.-P. Duong, W.S. Kessler, G. Eldin, and P. Dutrieux (2011): **Observed circulation in the Solomon Sea from SADCP data.** *Prog. Oceanogr.*, 88(1-4), doi: 10.1016/j.pocean.2010.12.015, 116–130. [\[PDF Version\]](#)

Cont. #: 3473

Cronin, M.F., N. Bond, J. Booth, H. Ichikawa, T.M. Joyce, K. Kelly, M. Kubota, B. Qiu, C. Reason, M. Rouault, C. Sabine, T. Saino, J. Small, T. Suga, L.D. Talley, L. Thompson, and R.A. Weller (2010): **Monitoring ocean-atmosphere interactions in western boundary current extensions.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference* (Vol. 2), Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.20. [\[PDF Version\]](#)

Cont. #: 3689

de la Beaujardière, J., C.J. Beegle-Krause, L. Bermudez, S.C. Hankin, L. Hazard, E. Howlett, S. Le, R. Proctor, R.P. Signell, D. Snowden, and J. Thomas (2010): **Ocean and coastal data management.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference* (Vol. 2), Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.22. [\[PDF Version\]](#)

Cont. #: 3664

De Ronde, C.E.J., G.J. Massoth, D.A. Butterfield, B.W. Christenson, J. Ishibashi, R.G. Ditchburn, M.D. Hannington, R.L. Brathwaite, J.E. Lupton, V.S. Kamenetsky, I.J. Graham, G.F. Zellmer, R.P. Dziak, R.W. Embley, V.M. Dekove, F. Munnik, J. Lahr, L.J. Evans, and K. Takai (2011): **Submarine hydrothermal activity and gold-rich mineralization at Brothers Volcano, Kermadec Arc, New Zealand.** *Mineralium Deposita*, 46(5–6), doi: 10.1007/s00126-011-0345-8, 541–584. [\[PDF Version\]](#)

Cont. #: 3560

Deardorff, N.D., K.V. Cashman, and W.W. Chadwick, Jr. (2011): **Observations of eruptive plume dynamics and pyroclastic deposits from submarine explosive eruptions at NW Rota-1, Mariana Arc.** *J. Volcanol. Geoth. Res.*, 202(1–2), doi: 10.1016/j.jvolgeores.2011.01.003, 47–59.

Cont. #: 3558

Delcroix, T., G. Alory, S. Cravatte, T. Corrége, and M. McPhaden (2011): **A gridded data set of sea surface salinity for the tropical Pacific with sample applications (1950–2008)**. *Deep-Sea Res. I*, 58, doi: 10.1016/j.dsr.2010.11.002, 38–48. [\[PDF Version\]](#)

Cont. #: 3601

Dengler, L., and B. Uslu (2011): **Effects of harbor modification on Crescent City, California's tsunami vulnerability**. *Pure Appl. Geophys.*, 168(6–7), doi: 10.1007/s00024-010-0224-8, 1175–1185. [\[PDF Version\]](#)

Cont. #: 3337

Dohan, K., F. Bonjean, L. Centurioni, M. Cronin, G. Lagerloef, D.-K. Lee, R. Lumpkin, N.A. Maximenko, P.P. Niiler, and H. Uchida (2010): **Measuring the global ocean surface circulation with satellite and in situ observations**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.23. [\[PDF Version\]](#)

Cont. #: 3690

Drinkwater, M.R., H. Bonekamp, P. Bontempi, B. Chapron, C. Donlon, J.-L. Fellous, P. DiGiacomo, D.E. Harrison, P.-Y. LeTraon, and S. Wilson (2010): **Status and outlook for the space component of an integrated ocean observing system**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 1)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.17. [\[PDF Version\]](#)

Cont. #: 3631

Drupp, P., E. Heinen De Carlo, F.T. Mackenzie, P. Bienfang, and C.L. Sabine (2011): **Nutrient inputs, phytoplankton response, and CO₂ variations in a semi-enclosed subtropical embayment, Kaneohe Bay, Hawaii**. *Aquat. Geochem.*, 17(4–5), doi: 10.1007/s10498-010-9115-y, 473–498.

Cont. #: 3675

Dugdale, R., F. Chai, R. Feely, C. Measures, A. Parker, and F. Wilkerson (2011): **The regulation of equatorial Pacific new production and pCO₂ by silicate-limited diatoms**. *Deep-Sea Res. II*, 58(3–4), doi: 10.1016/j.dsr2.2010.08.008, 477–492. [\[PDF Version\]](#)

Cont. #: 3691

Dushaw, B., W. Au, A. Beszczynska-Möller, R. Brainard, B.D. Cornuelle, T. Duda, M. Dzieciuch, A. Forbes, L. Freitag, J.-C. Gascard, A. Gavrilov, J. Gould, B. Howe, S.R. Jayne, O.M. Johannessen, J.F. Lynch, D. Martin, D. Menemenlis, P. Mikhalevsky, J.H. Miller, S.E. Moore, W.H. Munk, J. Nystuen, R.I. Odom, J. Orcutt, T. Rossby, H. Sagen, S. Sandven, J. Simmen, E. Skarsoulis, B. Southall, K. Stafford, R. Stephen, K.J. Vigness-Raposa, S. Vinogradov, K.B. Wong, P.F. Worcester, and C. Wunsch (2010): **A global ocean acoustic observing network**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.25. [\[PDF Version\]](#)

Cont. #: 3714

Dziak, R.P., S.R. Hammond, and C.G. Fox (2011): **A 20-year hydroacoustic time series of seismic and volcanic events in the northeast Pacific Ocean**. *Oceanography*, 24(3), doi: 10.5670/oceanog.2011.79, 280–293. [\[PDF Version\]](#)

Cont. #: 3566

Emerson, S., C. Sabine, M.F. Cronin, R. Feely, S. Cullison, and M. DeGrandpre (2011): **Quantifying the flux of CaCO₃ and organic carbon from the surface ocean using in situ measurements of O₂, N₂, pCO₂ and pH.** *Global Biogeochem. Cycles*, 25, GB3008, doi: 10.1029/2010GB003924, 12 pp. [\[PDF Version\]](#)

Cont. #: 3550

Fassbender, A.J., C.L. Sabine, R.A. Feely, C. Langdon, and C.W. Mordy (2011): **Inorganic carbon dynamics during northern California coastal upwelling.** *Cont. Shelf Res.*, 31(11), doi: 10.1016/j.csr.2011.04.006, 1180–1192. [\[PDF Version\]](#)

Cont. #: 3747

Feely, R.A., and S.C. Doney (2011): **Ocean acidification: The other CO₂ problem.** *Limnol. Oceanogr. e-Lectures*, http://aslo.org/lectures/11_005/11_005_rfeely_sdoney.html, doi: 10.4319/lol.2011.rfeely_sdoney.5.

Cont. #: 3499

Feely, R.A., V.J. Fabry, A. Dickson, J.-P. Gattuso, J. Bijma, U. Riebesell, S. Doney, C. Turley, T. Saino, K. Lee, K. Anthony, and J. Kleypas (2010): **An international observational network for ocean acidification.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.29. [\[PDF Version\]](#)

Cont. #: 3613

Foltz, G.R., and M.J. McPhaden (2010): **Abrupt equatorial wave-induced cooling of the Atlantic cold tongue in 2009.** *Geophys. Res. Lett.*, 37, L24605, doi: 10.1029/2010GL045522. [\[PDF Version\]](#)

Cont. #: 3700

Frossard, A.A., P.M. Shaw, L.M. Russell, J.H. Kroll, M. Canagaratna, D. Worsnop, P.K. Quinn, and T.S. Bates (2011): **Springtime Arctic haze contributions of submicron organic particles from European and Asian combustion sources.** *J. Geophys. Res.*, 116, D05205, doi: 10.1029/2010JD015178. [\[PDF Version\]](#)

Cont. #: 3561

Gamo, T., U. Tsunogai, S. Ichibayashi, H. Chiba, H. Obata, T. Oomori, T. Noguchi, E.T. Baker, T. Doi, M. Maruo, and Y. Sano (2010): **Microbial carbon isotope fractionation to produce extraordinarily heavy methane in aging hydrothermal plumes over the southwestern Okinawa Trough.** *Geochem. J.*, 44(6), 477–487. [\[PDF Version\]](#)

Cont. #: 3507

Garzoli, S. L., O. Boebel, H. Brydene, R. A. Fine, M. Fukasawa, S. Gladyshev, G. Johnson, M. Johnson, A. MacDonald, C.S. Meinen, H. Mercier, A. Orsi, A. Piola, S. Rintoul, S. Speich, M. Visbeck, and R. Wanninkhof (2010): **Progressing towards global sustained deep ocean observations.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.34. [\[PDF Version\]](#)

Cont. #: 3757

Gaston, C.J., H. Furutani, S.A. Guazzotti, K.R. Coffee, T.S. Bates, P.K. Quinn, L.I. Aluwihare, B.G. Mitchell, and K.A. Prather (2011): **Unique ocean-derived particles serve as a proxy for changes in ocean chemistry.** *J. Geophys. Res.*, 116(D18), D18310, doi: 10.1029/2010JD015289. [\[PDF Version\]](#)

Cont. #: 3612

Girishkumar, M.S., M. Ravichandran, M.J. McPhaden, and R.R. Rao (2011): **Intraseasonal variability in barrier layer thickness in the south central Bay of Bengal.** *J. Geophys. Res.*, 116, C03009, doi: 10.1029/2010JC006657. [\[PDF Version\]](#)

Cont. #: 3508

Gruber, N., S. C. Doney, S. R. Emerson, D. Gilbert, T. Kobayashi, A. Körtzinger, G.C. Johnson, K. S. Johnson, S. C. Riser, and O. Ulloa (2010): **Adding oxygen to Argo: Developing a global in-situ observatory for ocean deoxygenation and biogeochemistry.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.39. [\[PDF Version\]](#)

Cont. #: 3518

Gruber, N., A. Körtzinger, C.L. Sabine, M. Hood, M. Ishii, P. Monteiro, R. Wanninkhof, R.A. Feely, Y. Nojiri, A. Kozyr, U. Schuster, D.W.R. Wallace, S.C. Doney, H. Claustre, and A. Borges (2010): **Towards an integrated observing system for ocean carbon and biogeochemistry at a time of change.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 1)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.18. [\[PDF Version\]](#)

Cont. #: 3439

Gulev, S.K., S.A. Josey, M. Bourassa, L.-A. Breivik, M.F. Cronin, C. Fairall, S. Gille, E.C. Kent, C.M. Lee, M.J. McPhaden, P.M.S. Monteiro, U. Schuster, S.R. Smith, K.E. Trenberth, D. Wallace, and S.D. Woodruff (2010): **Surface energy, CO₂ fluxes and sea ice.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 1)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.19. [\[PDF Version\]](#)

Cont. #: 3662

Hallmann, N., B.R. Schöne, G.V. Irvine, M. Burchell, E.D. Cokelet, and M. Hilton (2011): **An improved understanding of the Alaska Coastal Current: The application of a bivalve growth-temperature model to reconstruct freshwater-influenced paleoenvironments.** *Palaios*, 26(6), doi: 10.2110/palo.2010.p10-151r, 346–363. [\[PDF Version\]](#)

Cont. #: 3760

Hamlington, B.D., R.R. Leben, O.A. Godin, J.F. Legeais, E. Gica, and V.V. Titov (2011): **Detection of the 2010 Chilean tsunami using satellite altimetry.** *Nat. Hazards Earth Syst. Sci.*, 11, doi: 10.5194/nhess-11-2391-2011, 2391–2406. [\[PDF Version\]](#)

Cont. #: 3590

Hamme, R.C., P.W. Webley, W.R. Crawford, F.A. Whitney, M.D. DeGrandpre, S.R. Emerson, C.C. Eriksen, K.E. Giesbrecht, J.F.R. Gower, M.T. Kavanaugh, M.A. Peña, C.L. Sabine, S.D. Batten, L.A. Coogan, D.S. Grundle, and D. Lockwood (2010): **Volcanic ash fuels anomalous plankton bloom in subarctic Northeast Pacific.** *Geophys. Res. Lett.*, 37, L19604, doi: 10.1029/2010GL044629. [\[PDF Version\]](#)

Cont. #: 3495

Hankin, S., L. Bermudez, J. Blower, B. Blumenthal, K.S. Casey, M. Fornwall, J. Graybeal, R.P. Guralnick, T. Habermann, E. Howlett, B. Keeley, R. Mendelsohn, R.R. Schlitzer, R. Signell, D. Snowden, and A. Woolf (2010): **Data management for the ocean sciences—Perspectives for the next decade.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 1)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.21. [\[PDF Version\]](#)

Cont. #: 3496

Hankin, S., J.D. Blower, T. Carval, K.S. Casey, C. Donlon, O. Lauret, T. Loubrieu, A. Srinivasan, J. Trinanes, Ø. Godøy, R. Mendelsohn, R. Signell, J. de la Beaujardiere, P. Cornillon, F. Blanc, R. Rew, and J. Harlan (2010): **netCDF-CF-OPeNDAP: Standards for ocean data interoperability and object lessons for community data standards processes.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.41. [\[PDF Version\]](#)

Cont. #: 3701

Hind, A.J., C.D. Rauschenberg, J.E. Johnson, M. Yang, and P.A. Matrai (2011): **The use of algorithms to predict surface seawater dimethyl sulphide concentrations in the SE Pacific, a region of steep gradients in primary productivity, biomass and mixed layer depth.** *Biogeogeosciences*, 8, doi: 10.5194/bg-8-1-2011, 1-16. [\[PDF Version\]](#)

Cont. #: 3641

Hirdman, D., J.F. Burkhart, H. Sodemann, S. Eckhardt, A. Jefferson, P.K. Quinn, S. Sharma, J. Ström, and A. Stohl (2010): **Long-term trends of black carbon and sulphate aerosol in the Arctic: Changes in atmospheric transport and source region emissions.** *Atmos. Chem. Phys.*, 10, doi: 10.5194/acp-10-9351-2010, 9351–9368.

Cont. #: 3493

Hively, W.D., C.J. Hapeman, L.L. McConnell, T.R. Fisher, C.P. Rice, G.W. McCarty, A.M. Sadeghi, D.R. Whitall, P.M. Downey, G.N. de Guzman, K. Bialek, M.W. Lang, A.B. Gustafson, A.J. Sutton, K.A. Sefton, and J.A. Harman Fetcho (2011): **Relating Nutrient and Herbicide Fate with Landscape Features and Characteristics of 15 Subwatersheds in the Choptank River Watershed.** *Science of the Total Environment*, 409(19), doi: 10.1016/j.scitotenv.2011.05.024, 3866–3878. [\[PDF Version\]](#)

Cont. #: 3505

Hood, M., M. Fukasawa, N. Gruber, G.C. Johnson, A. Körtzinger, C. Sabine, B. Sloyan, K. Stansfield, and T. Tanhua (2010): **Ship-based repeat hydrography: A strategy for a sustained global program.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.44. [\[PDF Version\]](#)

Cont. #: 3615

Hooft, E., H. Patel, W. Wilcock, K. Becker, D. Butterfield, E. Davis, R. Dziak, M. Lilley, P. McGill, D. Toomey, and D. Stakes (2010): **A seismic swarm and regional hydrothermal and hydrological perturbations: the northern Endeavour segment, February 2005.** *Geochem. Geophys. Geosyst.*, 11(12), Q12015, doi: 10.1029/2010GC003264. [\[PDF Version\]](#)

Cont. #: 3604

Hunt, Jr., G. L., K.O. Coyle, L. Eisner, E.V. Farley, R. Heintz, F. Mueter, J.M. Napp, J. E. Overland, P.H. Ressler, S. Salo, and P. J. Stabeno (2011): **Climate impacts on eastern Bering Sea foodwebs: A synthesis of new data and an assessment of the Oscillating Control Hypothesis.** *ICES J. Mar. Sci.*, 68(6), doi: 10.1093/icesjms/fsr036, 1230–1243.

Cont. #: 3735

Ianelli, J.N., A.B. Hollowed, A.C. Haynie, F.J. Mueter, and N.A. Bond (2011): **Evaluating management strategies for eastern Bering Sea walleye pollock (*Theragra chalcogramma*) in a changing environment.** *ICES J. Mar. Sci.*, 68(6), doi: 10.1093/icesjms/fsr010, 1297–1304. [\[PDF Version\]](#)

Cont. #: 3668

Iglesias-Rodriguez, M.D., K.R.N. Anthony, J. Bijma, A.G. Dickson, S.C. Doney, V.J. Fabry, R.A. Feely, J.-P. Gattuso, K. Lee, U. Riebesell, T. Saino, and C. Turley (2010): **Towards an integrated global ocean acidification observation network**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference* (Vol. 2), Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.24. [\[PDF Version\]](#)

Cont. #: 3645

Iskandar, I., and M. McPhaden (2011): **Dynamics of wind-forced intraseasonal zonal current variations in the equatorial Indian Ocean**. *J. Geophys. Res.*, 116, C06019, doi: 10.1029/2010JC006864. [\[PDF Version\]](#)

Cont. #: 3646

Jaeglé, L., P.K. Quinn, T. Bates, B. Alexander, and J.-T. Lin (2011): **Global distribution of sea salt aerosols: new constraints from in situ and remote sensing observations**. *Atmos. Chem. Phys.*, 11, doi: 10.5194/acp-11-3137-2011, 3137–3157. [\[PDF Version\]](#)

Cont. #: 3487

Jiang, L.-Q., W.-J. Cai, R.A. Feely, Y. Wang, X. Guo, D.K. Gledhill, X. Hu, F. Arzayus, F. Chen, J. Hartmann, and L. Zhang (2010): **Carbonate mineral saturation states along the U.S. East Coast**. *Limnol. Oceanogr.*, 55(6), doi: 10.4319/lo.2010.55.6.2424, 2424–2432. [\[PDF Version\]](#)

Cont. #: 3670

Johnson, G.C., and J.M. Lyman (2011): **Sea surface salinity**. In *State of the Climate in 2010, Global Oceans*. *Bull. Am. Meteorol. Soc.*, 92(6), S86–S88, doi:10.1175/1520-0477-92.6.S1.

Cont. #: 3669

Johnson, G.C., J.M. Lyman, J.K. Willis, S. Levitus, T. Boyer, J. Antonov, and S.A. Good (2011): **Ocean heat content**. In *State of the Climate in 2010, Global Oceans*. *Bull. Am. Meteorol. Soc.*, 92(6), S81–S84, doi: 10.1175/1520-0477-92.6.S1.

Cont. #: 3650

Johnson, G.C., and S.E. Wijffels (2011): **Ocean density change contributions to sea level rise**. *Oceanography*, 24(2), doi: 10.5670/oceanog.2011.31, 112–121. [\[PDF Version\]](#)

Cont. #: 3725

Juranek, L.W., R.A. Feely, D. Gilbert, H. Freeland, and L. Miller (2011): **Real-time estimation of pH and aragonite saturation state from Argo profiling floats: Prospects for an autonomous carbon observing strategy**. *Geophys. Res. Lett.*, 38, L17603, doi: 10.1029/2011GL048580. [\[PDF Version\]](#)

Cont. #: 3730

Kamenkovich, I., W. Cheng, C. Schmid, and D.E. Harrison (2011): **Effects of eddies on an ocean observing system with profiling floats: Idealized simulations of the Argo array**. *J. Geophys. Res.*, 116, C06003, doi: 10.1029/2010JC006910. [\[PDF Version\]](#)

Cont. #: 3627

Kattsov, V.M., V.E. Ryabinin, J.E. Overland, M.C. Serreze, M. Visbeck, J.E. Walsh, W. Meier, and X. Zhang (2010): **Arctic sea ice change: a grand challenge of climate science**. *J. Glaciol.*, 56(200), doi: 10.3189/002214311796406176, 1115–1121. [\[PDF Version\]](#)

Cont. #: 3419

Kelly, K.A., R.J. Small, R.M. Samelson, B. Qiu, T.M. Joyce, Y.-O. Kwon, and M.F. Cronin (2010): **Western boundary currents and frontal air-sea interaction: Gulf Stream and Kuroshio Extension.** CLIVAR Western Boundary Current Special Issue, *J. Climate*, 23(21), doi: 10.1175/2010JCLI3346.1, 5644–5667. [\[PDF Version\]](#)

Cont. #: 3638

Kelly, R.P., M.M. Foley, W.S. Fisher, R.A. Feely, G. Waldbusser, and M.R. Caldwell (2011): **Mitigating local causes of ocean acidification with existing laws.** *Science*, 332(6033), doi: 10.1126/science.1203815, 1036–1037. [\[PDF Version\]](#)

Cont. #: 3734

King, J.R., V.N. Agostini, C.J. Harvey, G.A. McFarlane, M.G.G. Foreman, J.E. Overland, E. Di Lorenzo, N.A. Bond, and K.Y. Aydin (2011): **Climate forcing and the California Current ecosystem.** *ICES J. Mar. Sci.*, 68(6), doi: 10.1093/icesjms/fsr009, 1199–1216. [\[PDF Version\]](#)

Cont. #: 3607

Klinck, H., and D.K. Mellinger (2011): **The Energy Ratio Mapping Algorithm: A tool to improve the energy-based detection of odontocete echolocation clicks.** *J. Acoust. Soc. Am.*, 129(4), doi: 10.1121/1.3531924, 1807–1812. [\[PDF Version\]](#)

Cont. #: 3424

Konda, M., H. Ichikawa, H. Tomita, and M.F. Cronin (2010): **Surface heat flux variations across the Kuroshio Extension as observed by surface flux buoys.** *J. Climate*, 23, doi: 10.1175/2010JCLI3391.1, 5206–5221. [\[PDF Version\]](#)

Cont. #: 3845

Kovacs, K.M., C. Lydersen, J.E. Overland, and S.E. Moore (2011): **Impacts of changing sea-ice conditions on Arctic marine mammals.** *Mar. Biodiversity*, 41(1), doi: 10.1007/s12526-010-0061-0, 181–194. [\[PDF Version\]](#)

Cont. #: 3648

Küsel, E.T., D.K. Mellinger, L. Thomas, T.A. Marques, D. Moretti, and J. Ward (2011): **Cetacean population density estimation from single fixed sensors using passive acoustics.** *J. Acoust. Soc. Am.*, 129(6), doi: 10.1121/1.3583504, 3610–3622. [\[PDF Version\]](#)

Cont. #: 3611

Lampitt, R.S., P. Favali, C.R. Barnes, M.J. Church, M.F. Cronin, K.L. Hill, Y. Kaneda, D.M. Karl, A.H. Knap, M.J. McPhaden, K.A. Nittis, I.G. Priede, J.-F. Rolin, U. Send, C.-C. Teng, T.W. Trull, and D.W.R. Wallace (2010): **In situ sustained Eulerian observatories.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference* (Vol. 1), Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.27. [\[PDF Version\]](#)

Cont. #: 3702

Lana, A., T.G. Bell, R. Simo, S.M. Vallina, J. Ballabrera-Poy, A.J. Kettle, J. Dachs, L. Bopp, E.S. Saltzman, J. Stefels, J.E. Johnson, and P.S. Liss (2011): **An updated climatology of surface dimethylsulfide concentrations and emission fluxes in the global ocean.** *Global Biogeochem. Cycles*, 25, GB1004, doi: 10.1029/2010GB003850. [\[PDF Version\]](#)

Cont. #: 3761

Lapina, K., C.L. Heald, D.V. Spracklen, S.R. Arnold, J.D. Allan, H. Coe, G. McFiggans, S.R. Zorn, F. Drewnick, T.S. Bates, L.N. Hawkins, L.M. Russell, A. Smirnov, C.D. O'Dowd, and A.J. Hind (2011): **Investigating organic aerosol loading in the remote marine environment.** *Atmos. Chem. Phys.*, 11, doi: 10.5194/acp-11-8847-2011, 8847–8860. [\[PDF Version\]](#)

Cont. #: 3537

Lavelle, J.W., A.M. Thurnherr, J.R. Ledwell, D.J. McGillicuddy, and L.S. Mullenax (2010): **Deep ocean circulation and transport where the East Pacific Rise at 9–10°N meets the Lamont seamount chain.** *J. Geophys. Res.*, 115, C12073, doi: 10.1029/2010JC006426, 25 pp. [\[PDF Version\]](#)

Cont. #: 3530

Lee, K., C.L. Sabine, T. Tanhua, T.-W. Kim, R.A. Feely, and H.-C. Kim (2011): **Roles of marginal seas in absorbing and storing fossil fuel CO₂.** *Energy Environ. Sci.*, 4(4), doi: 10.1039/C0EE00663G, 1133–1146. [\[PDF Version\]](#)

Cont. #: 3481

Lee, T., D. Stammer, T. Awaji, M. Balmaseda, D. Behringer, J. Carton, N. Ferry, A. Fischer, I. Fukumori, B. Giese, K. Haines, E. Harrison, P. Heimbach, M. Kamachi, C. Keppenne, A. Köhl, S. Masina, D. Menemenlis, R. Ponte, E. Remy, M. Rienecker, A. Rosati, J. Schroeter, D. Smith, A. Weaver, C. Wunsch, and Y. Xue (2010): **Ocean state estimation for climate research.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.55. [\[PDF Version\]](#)

Cont. #: 3758

Levine, N.M., S.C. Doney, I. Lima, R. Wanninkhof, N.R. Bates, and R.A. Feely (2011): **The impact of the North Atlantic Oscillation on the uptake and accumulation of anthropogenic CO₂ by North Atlantic Ocean mode waters.** *Global Biogeochem. Cycles*, 25(3), GB3022, doi: 10.1029/2010GB003892. [\[PDF Version\]](#)

Cont. #: 3276

Liu, H., L. Ciannelli, M.B. Decker, C. Ladd, and K.-S. Chan (2011): **Nonparametric threshold model of zero-inflated spatio-temporal data with application to shifts in jellyfish distribution.** *J. Agric. Biol. Environ. Stat.*, 16(2), doi: 10.1007/s13253-010-0044-4, 185–201. [\[PDF Version\]](#)

Cont. #: 3536

Lupton, J., C. de Ronde, M. Sprovieri, E.T. Baker, P.P. Bruno, F. Italiano, S. Walker, K. Faure, M. Leybourne, K. Britten, and R. Greene (2011): **Active hydrothermal discharge on the submarine Aeolian Arc.** *J. Geophys. Res.*, 116, B02102, doi: 10.1029/2010JB007738. [\[PDF Version\]](#)

Cont. #: 3582

Masotti, I., S. Belviso, S. Alvain, J.E. Johnson, T.S. Bates, P.D. Tortell, N. Kasamatsu, M. Mongin, C.A. Marandino, E.S. Saltzman, and C. Moulin (2010): **Spatial and temporal variability of the dimethylsulfide to chlorophyll ratio in the surface ocean: An assessment based on phytoplankton group dominance determined from space.** *Biogeosciences*, 7(10), doi: 10.5194/bg-7-3215-2010, 3215–3237. [\[PDF Version\]](#)

Cont. #: 3692

Masumoto, Y., W. Yu, G. Meyers, N. D'Adamo, L. Beal, W.P.M. de Ruijter, M. Dyoulgerov, J. Hermes, T. Lee, J.R.E. Lutjeharms, J.P. McCreary, Jr., M.J. McPhaden, V.S.N. Murty, D. Obura, C.B. Pattiariatchi, M. Ravichandran, C. Reason, F. Syamsudin, G. Vecchi, J. Vialard, and L. Yu (2010): **Observing systems in the Indian Ocean.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.60. [\[PDF Version\]](#)

Cont. #: 3643

Matsumoto, H., D.R. Bohnenstiehl, J.H. Haxel, R.P. Dziak, and R.W. Embley (2011): **Mapping the sound field of an erupting submarine volcano using an acoustic glider.** *J. Acoust. Soc. Am.*, 129(3), doi: 10.1121/1.3547720.

Cont. #: 3472
McPhaden, M.J., K. Ando, B. Bourlès, H.P. Freitag, R. Lumpkin, Y. Masumoto, V.S.N. Murty, P. Nobre, M. Ravichandran, J. Vialard, D. Vousden, and W. Yu (2010): **The global tropical moored buoy array**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.61. [\[PDF Version\]](#)

Cont. #: 3732
McPhaden, M.J., T. Lee, and D. McClurg (2011): **El Niño and its relationship to changing background conditions in the tropical Pacific**. *Geophys. Res. Lett.*, 38, L15709, doi: 10.1029/2011GL048275. [\[PDF Version\]](#)

Cont. #: 3522
Mellinger, D.K., R.P. Morrissey, S.W. Martin, L. Thomas, T.A. Marques, and J. Yosco (2011): **A method for detecting whistles, moans, and other frequency contour sounds**. *J. Acoust. Soc. Am.*, 129(6), doi: 10.1121/1.3531926, 4055–4061. [\[PDF Version\]](#)

Cont. #: 3282
Mellinger, D.K., S. Niekirk, K. Klinck, H. Klinck, and R.P. Dziak (2011): **Confirmation of right whales near a nineteenth-century whaling ground east of southern Greenland**. *Biol. Lett.*, 7(3), doi: 10.1098/rsbl.2010.1191, 411–413. [\[PDF Version\]](#)

Cont. #: 3551
Mocklin, J.A., D.J. Rugh, W.R. Koski, and N. Lawrence-Slavas (2010): **Comparison of land-based vs. floating calibration targets used in aerial photogrammetric measurements of whale lengths**. *Mar. Mamm. Sci.*, 26(4), doi: 10.1111/j.1748-7692.2010.00389.x, 969–976. [\[PDF Version\]](#)

Cont. #: 3762
Mölders, N., H.N.Q. Tran, P.K. Quinn, K. Sassen, G.E. Shaw, and G. Kramm (2011): **Assessment of WRF/Chem to simulate sub-Arctic boundary layer characteristics during low solar irradiation using radiosonde, SODAR, and surface data**. *Atmos. Pollut. Res.*, 2(3), doi: 10.5094/APR.2011.035, 283–299. [\[PDF Version\]](#)

Cont. #: 3506
Monteiro, P.M.S., U. Schuster, M. Hood, A. Lenton, N. Metzl, A. Olsen, K. Rogers, C. Sabine, T. Takahashi, B. Tilbrook, J. Yoder, R. Wanninkhof, and A.J. Watson (2010): **A global sea surface carbon observing system: Assessment of changing sea surface CO₂ and air-sea CO₂ fluxes**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.64. [\[PDF Version\]](#)

Cont. #: 3661
Mueter, F., N. Bond, J. Ianelli, and A. Hollowed (2011): **Expected declines in recruitment of walleye pollock (*Theragra chalcogramma*) in the eastern Bering Sea under future climate change**. *ICES J. Mar. Sci.*, 68(6), doi: 10.1093/icesjms/fsr022, 1284–1296. [\[PDF Version\]](#)

Cont. #: 3556
Nagura, M., and M.J. McPhaden (2010): **Dynamics of zonal current variations associated with the Indian Ocean dipole**. *J. Geophys. Res.*, 115, C11026, doi: 10.1029/2010JC006423, 12 pp. [\[PDF Version\]](#)

Cont. #: 3637

Newman, A.V., L. Feng, H.M. Fritz, Z.M. Lifton, N. Kalligeris, and Y. Wei (2011): **The energetic 2010 Mw 7.1 Solomon Islands tsunami earthquake.** *Geophys. J. Int.*, 186(2), doi: 10.1111/j.1365-246X.2011.05057.x, 775–781. [\[PDF Version\]](#)

Cont. #: 3647

Newman, A.V., G. Hayes, Y. Wei, and J. Convers (2011): **The 25 October 2010 Mentawai tsunami earthquake, from real-time discriminants, finite-fault rupture, and tsunami excitation.** *Geophys. Res. Lett.*, 38, L05302, doi: 10.1029/2010GL046498. [\[PDF Version\]](#)

Cont. #: 3565

Niu, X., R.T. Pinker, and M.F. Cronin (2010): **Radiative fluxes at high latitudes.** *Geophys. Res. Lett.*, 37, L20811, doi: 10.1029/2010GL044606, 5 pp. [\[PDF Version\]](#)

Cont. #: 3677

Overland, J., M. Wang, and J. Walsh (2011): **b. Atmosphere. In State of the Climate in 2010, 5. The Arctic.** *Bull. Am. Meteorol. Soc.*, 92(6), S143–S145.

Cont. #: 3681

Overland, J.E. (2011): **Potential Arctic change through climate amplification processes.** Arctic Special Issue, *Oceanography*, 24(3), doi: 10.5670/oceanog.2011.70, 176–185. [\[PDF Version\]](#)

Cont. #: 3570

Overland, J.E., R.G. Graversen, and M. Honda (2010): **Hot Arctic-cold continents: Global impacts of Arctic change.** *Eos Trans. AGU*, 91(41), doi: 10.1029/2010EO410007, 373.

Cont. #: 3458

Overland, J.E., M. Wang, N.A. Bond, J.E. Walsh, V.M. Kattsov, and W.L. Chapman (2011): **Considerations in the selection of global climate models for regional climate projections: The Arctic as a case study.** *J. Climate*, 24(6), doi: 10.1175/2010JCLI3462.1, 1583–1597. [\[PDF Version\]](#)

Cont. #: 3482

Palmer, M.D., J. Antonov, P. Barker, N. Bindoff, T. Boyer, M. Carson, C.M. Domingues, S. Gille, P. Gleckler, S. Good, V. Gouretski, S. Guinehut, K. Haines, D.E. Harrison, M. Ishii, G.C. Johnson, S. Levitus, M.S. Lozier, J.M. Lyman, A. Meijers, K. von Schuckmann, D. Smith, S. Wijffels, and J. Willis (2010): **Future observations for monitoring global ocean heat content.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference* (Vol. 2), Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.68. [\[PDF Version\]](#)

Cont. #: 3488

Park, G.-H., R. Wanninkhof, S.C. Doney, T. Takahashi, K. Lee, R.A. Feely, C. Sabine, J. Triñanes, and I. Lima (2010): **Variability of global net sea-air CO₂ fluxes over the last three decades using empirical relationships.** *Tellus*, 62B(5), doi: 10.1111/j.1600-0889.2010.00498.x, 352–368. [\[PDF Version\]](#)

Cont. #: 3557

Percival, D.B., D.W. Denbo, M.C. Eble, E. Gica, H.O. Mofjeld, M.C. Spillane, L. Tang, and V.V. Titov (2011): **Extraction of tsunami source coefficients via inversion of DART® buoy data.** *Nat. Hazards*, 58(1), doi: 10.1007/s11069-010-9688-1, 567–590. [\[PDF Version\]](#)

Cont. #: 3693

Pouliquen, S., S. Hankin, R. Keeley, J. Blower, C. Donlon, A. Kozyr, and R. Guralnick (2010): **The development of the data system and growth in data sharing.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference* (Vol. 1), Venice, Italy, 21–25

September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.30. [\[PDF Version\]](#)

Cont. #: 3524

Purkey, S.G., and G.C. Johnson (2010): **Warming of global abyssal and deep Southern Ocean waters between the 1990s and 2000s: Contributions to global heat and sea level rise budgets.** *J. Climate*, 23(23), doi: 10.1175/2010JCLI3682.1, 6336–6351. [\[PDF Version\]](#)

Cont. #: 3739

Rabinovich, A.B., P.L. Woodworth, and V.V. Titov (2011): **Deep-sea observations and modeling of the 2004 Sumatra tsunami in Drake Passage.** *Geophys. Res. Lett.*, 38, L16604, doi: 10.1029/2011GL048305. [\[PDF Version\]](#)

Cont. #: 3163

Radenac, M.-H., P.E. Plimpton, A. Lebourges-Dhaussy, L. Commien, and M.J. McPhaden (2010): **Impact of environmental forcing on the acoustic backscattering strength in the equatorial Pacific: diurnal, lunar, intraseasonal, and interannual variability.** *Deep-Sea Res. I*, 57(10), doi: 10.1016/j.dsr.2010.06.004, 1314–1328. [\[PDF Version\]](#)

Cont. #: 3614

Ray, G.C., J.E. Overland, and G.L. Hufford (2010): **Seascape as an organizing principle for evaluating walrus and seal sea-ice habitat in Beringia.** *Geophys. Res. Lett.*, 37, L20504, doi: 10.1029/2010GL044452, 6 pp. [\[PDF Version\]](#)

Cont. #: 3479

Rienecker, M.M., T. Awaji, M. Balmaseda, B. Barnier, D. Behringer, M. Bell, M. Bourassa, P. Brasseur, J. Carton, J. Cummings, L.-A. Breivik, E. Dombrowsky, C. Fairall, N. Ferry, G. Forget, H. Freeland, S.M. Griffies, K. Haines, D.E. Harrison, P. Heimbach, M. Kamachi, E. Kent, T. Lee, P.-Y. Le Traon, M. McPhaden, M.J. Martin, P. Oke, M.D. Palmer, E. Remy, T. Rosati, A. Schiller, D.M. Smith, D. Snowden, D. Stammer, K.E. Trenberth, and Y. Xue (2010): **Synthesis and assimilation systems—Essential adjuncts to the Global Ocean Observing System.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference* (Vol. 1), Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.31. [\[PDF Version\]](#)

Cont. #: 3535

Rintoul, S. R., M. Balmaseda, S. Cunningham, B. Dushaw, S. Garzoli, A. Gordon, P. Heimbach, M. Hood, G. Johnson, M. Latif, U. Send, C. Shum, S. Speich, and D. Stammer (2010): **Deep circulation and meridional overturning: Recent progress and a strategy for sustained observations.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference* (Vol. 1), Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.32. [\[PDF Version\]](#)

Cont. #: 3584

Roch, M.A., H. Klinck, S. Baumann-Pickering, D.K. Mellinger, S. Qui, M.S. Soldevilla, and J.A. Hildebrand (2011): **Classification of echolocation clicks from odontocetes in the Southern California Bight.** *J. Acoust. Soc. Am.*, 129(1), doi: 10.1121/1.3514383, 467–475. [\[PDF Version\]](#)

Cont. #: 3592

Roether, W., and J.E. Lupton (2011): **Tracers confirm downward mixing of Tyrrhenian Sea upper waters associated with the Eastern Mediterranean transient.** *Ocean Sci.*, 7, doi: 10.5194/os-7-91-2011, 91–99. [\[PDF Version\]](#)

Cont. #: 3676

Sabine, C.L., R.A. Feely, R. Wanninkhof, T. Takahashi, S. Khatiwala, and G.-H. Park (2011): **The global ocean carbon cycle**. In *State of the Climate in 2010, 3. Global Oceans*. *Bull. Am. Meteorol. Soc.*, 92(6), S100–S108, doi:10.1175/1520-0477-92.6.S1.

Cont. #: 3767

Schiebel, R., U. Brupbacher, S. Schmidtko, G. Nausch, J.J. Waniek, and H.-R. Thierstein (2011): **Spring coccolithophore production and dispersion in the temperate eastern North Atlantic Ocean**. *J. Geophys. Res.*, 116, C08030, doi: 10.1029/2010JC006841. [\[PDF Version\]](#)

Cont. #: 3616

Send, U., P. Burkhill, N. Gruber, G.C. Johnson, A. Körtzinger, T. Koslow, R. O'Dor, S. Rintoul, and D. Roemmich (2010): **Towards an integrated global observing system: In-situ observations**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.35. [\[PDF Version\]](#)

Cont. #: 3694

Send, U., R. Davis, J. Fischer, S. Imawaki, W. Kessler, C. Meinen, B. Owens, D. Roemmich, T. Rossby, D. Rudnick, J. Toole, S. Wijffels, and L. Beal (2010): **A global boundary current circulation observing network**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.78. [\[PDF Version\]](#)

Cont. #: 3686

Send, U., R. Weller, D. Wallace, F. Chavez, R. Lampitt, T.. Dickey, M. Honda, K. Nittis, R. Lukas, M. McPhaden, and R. Feely (2010): **OceanSITES**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.79. [\[PDF Version\]](#)

Cont. #: 3768

Sigler, M.F., H.R. Harvey, C.J. Ashjian, M.W. Lomas, J.M. Napp, P.J. Stabeno, and T.I. Van Pelt (2010): **How does climate change affect the Bering Sea ecosystem?** *Eos Trans. AGU*, 91(48), doi: 10.1029/2010EO480001, 457–458. [\[PDF Version\]](#)

Cont. #: 3618

Simão, N., J. Escartín, J. Goslin, J. Haxel, M. Cannat, and R.P. Dziak (2010): **Regional seismicity of the Mid-Atlantic Ridge: Observations from autonomous hydrophone arrays**. *Geophys. J. Int.*, 183(3), doi: 10.1111/j.1365-246X.2010.04815.x, 1559–1578. [\[PDF Version\]](#)

Cont. #: 3467

Slemons, L.O., J.W. Murray, J.A. Resing, B. Paul, and P. Dutrieux (2010): **Western Pacific coastal sources of iron, manganese, and aluminum to the Equatorial Undercurrent**. *Global Biogeochem. Cycles*, 24, GB3024, doi: 10.1029/2009GB003693, 16 pp. [\[PDF Version\]](#)

Cont. #: 3703

Smirnov, A., B.N. Holben, D.M. Giles, I. Slutsker, N.T. O'Neill, T.F. Eck, A. Macke, P. Croot, Y. Courcoux, S.M. Sakerin, T.J. Smyth, T. Zielinski, G. Zibordi, J.I. Goes, M.J. Harvey, P.K. Quinn, N.B. Nelson, V.F. Radionov, C.M. Duarte, R. Losno, J. Sciare, K.J. Voss, S. Kinne, N.R. Nalli, E. Joseph, K. Krishna Moorthy, D.S. Covert, S.K. Gulev, G. Milinevsky, P. Larouche, S. Belanger, E. Horne, M. Chin, L.A. Remer, R.A. Kahn, J.S. Reid, M. Schulz, C.L. Heald, J. Zhang, K. Lapina, R.G. Kleidman, J. Griesfeller, B.J. Gaitley, Q. Tan, and T.L. Diehl (2011): **Maritime aerosol network as a component of AERONET – first results and comparison with global aerosol models and satellite retrievals**. *Atmos. Meas. Tech.*, 4, doi: 10.5194/amt-4-583-2011, 583–597. [\[PDF Version\]](#)

Cont. #: 3695
Smith, S.R., M.A. Bourassa, E.F. Bradley, C. Cosca, C.W. Fairall, G.J. Goni, J.T. Gunn, M. Hood, D.L. Jackson, E.C. Kent, G. Lagerloef, P. McGillivray, L. Petit de la Villéon, R.T. Pinker, E. Schulz, J. Sprintall, D. Stammer, A. Weill, G.A. Wick, and M.J. Yelland (2010): **Automated underway oceanic and atmospheric measurements from ships**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.82. [\[PDF Version\]](#)

Cont. #: 3581
Sommariva, R., S.S. Brown, J.M. Roberts, D.M. Brookes, A.E. Parker, P.S. Monks, T.S. Bates, D. Bon, J.A. de Gouw, G. Frost, J.B. Gilman, P.D. Goldan, S.C. Herndon, W.C. Kuster, B.M. Lerner, H.D. Osthoff, S.C. Tucker, C. Warneke, E.J. Williams, and M.S. Zahniser (2011): **Ozone production in remote oceanic and industrial areas derived from ship based measurements of peroxy radicals during TexAQS 2006**. *Atmos. Chem. Phys.*, 11, doi: 10.5194/acp-11-2471-2011, 2471–2485. [\[PDF Version\]](#)

Cont. #: 3480
Stammer, D., A. Köhl, T. Awaji, M. Balmaseda, D. Behringer, J. Carton, N. Ferry, A. Fischer, I. Fukumori, B. Giese, K. Haines, E. Harrison, P. Heimbach, M. Kamachi, C. Keppenne, T. Lee, S. Masina, D. Menemenlis, R. Ponte, E. Remy, M. Rienecker, A. Rosati, J. Schröter, D. Smith, A. Weaver, C. Wunsch, and Y. Xue (2010): **Ocean information provided through ensemble ocean syntheses**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.85. [\[PDF Version\]](#)

Cont. #: 3608
Tanhua, T., R.M. Key, M. Hoppema, A. Olsen, M. Ishii, and C.L. Sabine (2010): **Expanding carbon data collection from the ocean's interior**. *Eos Trans. AGU*, 91(48), doi: 10.1029/2010EO480002, 457–458. [\[PDF Version\]](#)

Cont. #: 3562
Thurnherr, A.M., J.R. Ledwell, J.W. Lavelle, and L.S. Mullineaux (2011): **Hydrography and circulation near the crest of the East Pacific Rise between 9° and 10°N**. *Deep-Sea Res. I*, 58(4), doi: 10.1016/j.dsr.2011.01.009, 365–376. [\[PDF Version\]](#)

Cont. #: 3620
Tolkova, E., and W. Power (2011): **Obtaining natural oscillatory modes of bays and harbors via Empirical Orthogonal Function analysis of tsunami wave fields**. *Ocean Dynam.*, 61(6), doi: 10.1007/s10236-011-0388-5, 731–751.

Cont. #: 3546
Tomita, H., S. Kako, M.F. Cronin, and M. Kubota (2010): **Preconditioning of the wintertime mixed layer at the Kuroshio Extension Observatory**. *J. Geophys. Res.*, 115, C12053, doi: 10.1029/2010JC006373. [\[PDF Version\]](#)

Cont. #: 3502
Trenberth, K.E., M. Balmaseda, N.L. Bindoff, J. Church, H.J. Freeland, G. Lagerloef, R.S. Nerem, M. Palmer, S. Rintoul, D. Roemmich, C.L. Sabine, D. Stammer, and P. Stott (2010): **Intergovernmental Panel for Climate Change (IPCC) and attribution and prediction of climate: Progress since the Fourth Assessment**. In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 1)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.39. [\[PDF Version\]](#)

Cont. #: 3595

Vandemark, D., J.E. Salisbury, C.W. Hunt, S.M. Shellito, J.D. Irish, W.R. McGillis, C.L. Sabine, and S.M. Maenner (2011): **Temporal and spatial dynamics of CO₂ air-sea flux in the Gulf of Maine.** *J. Geophys. Res.*, 116, C01012, doi: 10.1029/2010JC006408. [\[PDF Version\]](#)

Cont. #: 3564

Wanninkhof, R., S.C. Doney, J.L. Bullister, N.M. Levine, M. Warner, and N. Gruber (2010): **Detecting anthropogenic CO₂ changes in the interior Atlantic Ocean between 1989 and 2005.** *J. Geophys. Res.*, 115, C11028, doi: 10.1029/2010JC006251, 25 pp. [\[PDF Version\]](#)

Cont. #: 3619

Wijffels, S.E., M. Palmer, N. Raynor, G. Goni, S. Garzoli, G.C. Johnson, J. Willis, B. Dushaw, D. Roemmich, J. Church, and G. Meyers (2010): **Progress and challenges in monitoring ocean temperature and heat content.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 1)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.pp.40. [\[PDF Version\]](#)

Cont. #: 3594

Wood, R., C.R. Mechoso, C.S. Bretherton, R.A. Weller, B. Huebert, F. Straneo, B. Albrecht, H. Coe, G. Allen, G. Vaughan, P. Daum, C. Fairall, D. Chand, L. Gallardo Klenner, R. Garreaud, C. Grados, D.S. Covert, T.S. Bates, R. Krejci, L.M. Russell, S. de Szoeke, A. Brewer, S.E. Yuter, S.R. Springston, A. Chaigneau, T. Toniazzo, P. Minnis, R. Palikonda, S.J. Abel, W.O.J. Brown, S. Williams, J. Fochesatto, J. Brioude, and K.N. Bower (2011): **The VAMOS Ocean-Cloud-Atmosphere-Land Study Regional Experiment (VOCALS-REx): Goals, platforms, and field operations.** *Atmos. Chem. Phys.*, 11, doi: 10.5194/acp-11-627-2011, 627-654. [\[PDF Version\]](#)

Cont. #: 3322

Xue, Y., O. Alves, M.A. Balmaseda, N. Ferry, S. Good, I. Ishikawa, T. Lee, M.J. McPhaden, K.A. Peterson, and M. Rienerer (2010): **Ocean state estimation for global ocean monitoring: ENSO and beyond ENSO.** In *Proceedings of the "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Vol. 2)*, Venice, Italy, 21–25 September 2009, Hall, J., D.E. Harrison, and D. Stammer, Eds., ESA Publication WPP-306, doi: 10.5270/OceanObs09.cwp.95. [\[PDF Version\]](#)

Cont. #: 3763

Yang, M., B.J. Huebert, B.W. Blomquist, S.G. Howell, L.M. Shank, C.S. McNaughton, A.D. Clarke, L. Hawkins, L.M. Russell, D.S. Covert, D.J. Coffman, T.S. Bates, P.K. Quinn, N. Zagorac, A.R. Bandy, S.P. de Szoeke, P.D. Zuidema, S.C. Tucker, W.A. Brewer, K.B. Benedict, and J.L. Collett (2011): **Atmospheric sulfur cycling in the southeastern Pacific—longitudinal distribution, vertical profile, and diel variability observed during VOCALS-REx.** *Atmos. Chem. Phys.*, 11, doi: 10.5194/acp-11-5079-2011, 5079-5097. [\[PDF Version\]](#)

Cont. #: 3710

Yu, L., and M.J. McPhaden (2011): **Ocean pre-conditioning for Cyclone Nargis in the Bay of Bengal: Interaction between Rossby waves, surface fresh waters, and sea surface temperatures.** *J. Phys. Oceanogr.*, 41(9), doi: 10.1175/2011JPO4437.1, 1741–1755.

Cont. #: 3659

Zhang, D., R. Msadek, M.J. McPhaden, and T. Delworth (2011): **Multidecadal variability of the North Brazil Current and its connection to the Atlantic meridional overturning circulation.** *J. Geophys. Res.*, 116, C04012, doi: 10.1029/2010JC006812. [\[PDF Version\]](#)

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