

Publications resulting from work funded in whole or in part through the Cooperative Institute for Alaska Research under NOAA Cooperative Agreements NA13OAR4320056, NA08OAR4320751, NA08OAR4320870 and NA10OAR4310055. As of May 2015.

2015

- Bender, A.M., R.C. Witter and M. Rogers. 2015. Testing the use of bulk organic ^{13}C , ^{15}N , and $\text{C}_{\text{org}}:\text{N}_{\text{tot}}$ ratios to estimate subsidence during the 1964 great Alaska earthquake. *Quaternary Science Reviews*, 113:134–146. doi: 10.1016/j.quascirev.2014.09.031
- Egan, S.D., M. Stuefer, P. Webley and C.F. Cahill. 2015. WRF-Chem modeling of sulfur dioxide emissions from the 2008 Kasatochi Volcano. *Annals of Geophysics* 57. doi:10.4401/ag-6626
- Garvin, M.R., J.P. Bielawski, L.A. Sazanov and A.J. Gharrett. 2015. Review and meta-analysis of natural selection in mitochondrial complex I in metazoans. *Journal of Zoological Systematics and Evolutionary Research*, 53(1):1–17. doi: 10.1111/jzs.12079. Editor's Choice for this issue.
- Harris, M.W., D.J. Nicolsky, E.N. Pelinovsky and A.V. Rybkin. 2015. Runup of nonlinear long waves in trapezoidal bays: 1-D analytical theory and 2-D numerical comparisons. *Pure and Applied Geophysics*, 172(3-4):885–899. doi: 10.1007/s00024-014-1016-3.
- Horrillo, J., S.T. Grilli, D. Nicolsky, V. Roeber and J. Zhang. 2015. Performance benchmarking tsunami models for NTHMP's inundation mapping activities. *Pure and Applied Geophysics*, 172(3-4):869–884. doi: 10.1007/s00024-014-0891-y.
- López-Venegas, A.M., J. Horrillo, A. Pampell-Manis, V. Huérano and A. Mercado. 2015. Advanced tsunami numerical simulations and energy considerations by use of 3D–2D coupled models: The October 11, 1918, Mona Passage tsunami. *Pure and Applied Geophysics*, 172(6):1679–1698. doi: 10.1007/s00024-014-0988-3.
- Shero, M.R., R.T. Krotz, D.P. Costa, J.P. Avery and J.M. Burns. 2015. How do overwinter changes in body condition and hormone profiles influence Weddell seal reproductive success? *Journal of Functional Ecology*, doi: 10.1111/1365-2435.12434. Available online 31 March 2015.
- Straka WC III, C.J. Seaman, K. Baugh, K. Cole, E. Stevens and S.D. Miller. 2015. Utilization of the Suomi National Polar-Orbiting Partnership (NPP) Visible Infrared Imaging Radiometer Suite (VIIRS) Day/Night Band for Arctic ship tracking and fisheries management. *Remote Sensing*, 7(1):971–989. doi: 10.3390/rs70100971.
- Suleimani, E.N., D.J. Nicolsky and R.D. Koehler. 2015. Tsunami Inundation Maps of Elfin Cove, Gustavus and Hoonah, Alaska. Alaska Division of Geological & Geophysical Surveys, Report of Investigation 2015-1, 79p. doi:10.14509/29404
- Wang, S.W., S.M. Budge, K. Iken, R.R. Gradinger, A.M. Springer and M.J. Wooller. 2015. Importance of sympagic production to Bering Sea zooplankton as revealed from fatty acid–carbon stable isotope analyses. *Marine Ecology Progress Series*, 518:31–50. doi: 10.3354/meps11076.

2014

- Bennett, K.E. and J.E. Walsh. 2014. Spatial and temporal changes in indices on extreme temperature and precipitation for Alaska. *International Journal of Climatology*. Published online 15 July 2014. doi: 10.1002/joc.4067
- Bieniek, P., J.E. Walsh, R.L. Thoman and U.S. Bhatt. 2014. Using climate divisions to analyze variations and trends in Alaska temperature and precipitation. *Journal of Climate*, 27(8):2800–2818. doi:10.1175/JCLI-D-13-00342.1
- Citta, J.J., L.T. Quakenbush, S.R. Okkonen, M.L. Druckenmiller, W. Maslowski, J. Clement-Kinney, J.C. George, H. Brower, R.J. Small, C.J. Ashjian, L.A. Harwood, and M.P. Heide-Jørgensen. 2014. Ecological characteristics of core-use areas used by Bering–Chukchi–Beaufort (BCB) bowhead

- whales, 2006–2012. *Progress in Oceanography*, available online 10 September 2014. doi: 10.1016/j.pocean.2014.08.012
- Maslowski, W., J. Clement Kinney, S.R. Okkonen, R. Osinski, A.F. Roberts and W.J. Williams. 2014. The large scale ocean circulation and physical processes controlling Pacific–Arctic interactions. Chapter 5 (pp. 101–132) in: J.M. Grebmeier and W. Maslowski, Eds., *The Pacific Arctic Region: Ecosystem Status and Trends in a Rapidly Changing Environment*. doi 10.1007/978-94-017-8863-2_5, Springer Science+Business Media Dordrecht.
- Mathis, J.T., J.N. Cross, N. Monacci, R.A. Feely and P. Stabeno. 2014. Evidence of prolonged aragonite undersaturations in the bottom waters of the southern Bering Sea shelf from autonomous sensors. *Deep Sea Research II*, 109:125–133. doi: 10.1016/j.dsr2.2013.07.019
- Mathis, J.T., S.R. Cooley, N. Lucey, S. Colt, J. Ekstrom, T. Hurst, C. Hauri, W. Evans, J.N. Cross and R.A. Feely. 2014. Ocean acidification risk assessment for Alaska's fishery sector. *Progress in Oceanography*, available online 18 July 2014. doi: 10.1016/j.pocean.2014.07.001
- Nelson, R.J., C.J. Ashjian, B.A. Bluhm, K.E. Conlan, R.R. Gradinger, J.M. Grebmeier, V.J. Hill, R.R. Hopcroft, B.P. Hunt, H.M. Joo, D.L. Kirchman, K.N. Kosobokova, S.H. Lee, W.K.W. Li, C. Lovejoy, M. Poulin, E. Sherr and K.V. Young. 2014. Biodiversity and biogeography of the lower trophic taxa of the Pacific Arctic Region: Sensitivities to climate change. Chapter 10 (pp. 269–336) in: J.M. Grebmeier and W. Maslowski, Eds. *The Pacific Arctic Region: Ecosystem Status and Trends in a Rapidly Changing Environment*. Springer.
- Nicolksy D.J., E.N. Suleimani and R.D. Koehler. 2014. Tsunami Inundation Maps of Cordova and Tatitlek, Alaska. Alaska Division of Geological & Geophysical Surveys, Report of Investigation 2014-1, 49 p. doi:10.14509/27241.
- Nicolksy D.J., E.N. Suleimani and R.D. Koehler. 2014. Tsunami Inundation Maps of Chenega Bay and northern Sawmill Bay, Alaska. Alaska Division of Geological & Geophysical Surveys, Report of Investigation 2014-3, 50p. doi:10.14509/29126
- Richar, J.I., G.H. Kruse, E. Curchitser and A.J. Hermann. 2014. Patterns in connectivity and retention of simulated Tanner crab (*Chionoecetes bairdi*) larvae in the eastern Bering Sea. *Progress in Oceanography*, available online 20 August 2014. doi: 10.1016/j.pocean.2014.08.001
- Seymour, J., L. Horstmann-Dehn and M.J. Wooller. 2014. Inter-annual variability in the proportional contribution of higher trophic levels to the diet of Pacific walruses. *Polar Biology*, 37:597–609. doi: 10.1007/s00300-014-1460-7
- Seymour, J., L. Horstmann-Dehn and M.J. Wooller. 2014. Proportion of higher trophic-level prey in the diet of Pacific walruses (*Odobenus rosmarus divergens*). *Polar Biology*, 37:941–952. doi:10.1007/s00300-014-1492-z
- Shero, M.R., L.E. Pearson, D.P. Costa, and J.M. Burns. 2014. Improving the precision of our ecosystem calipers: A modified morphometric technique for estimating marine mammal mass and body composition. *PLoS ONE*, 9(3): e91233. doi:10.1371/journal.pone.0091233
- Wang, S.W., S.M. Budge, R.R. Gradinger, K. Iken and M.J. Wooller. 2014. Fatty acid and stable isotope characteristics of sea ice and pelagic particulate organic matter in the Bering Sea: Tools for estimating sea ice algal contribution to Arctic food web production. *Oecologia*, 174:699–712, doi:10.1007/s00442-013-2832-3

2013

- Bartholomaus, T.C., C.F. Larsen and S. O'Neil. 2013. Does calving matter? Evidence for significant submarine melt. *Earth and Planetary Science Letters*, 380:21–30.
<http://dx.doi.org/10.1016/j.epsl.2013.08.014>.

- Ekstrand, A., P.W. Webley, M.J. Garay, J. Dehn, A. Prakash, D.L. Nelson, K.D. Dean and T.S. Steensen. 2013. A multisensor plume height analysis of the 2009 Redoubt eruption. *Journal of Volcanology and Geothermal Research: Special Issue on 2009 Redoubt Eruption* (Eds. Peter Webley and Chris Waythomas). *Journal of Volcanology and Geothermal Research*, 259:170–184.
<http://dx.doi.org/10.1016/j.jvolgeores.2012.09.008>
- Evans, W. and J.T. Mathis. 2013. The Gulf of Alaska coastal ocean as an atmospheric CO₂ sink. *Continental Shelf Research*, 65:52–63. <http://dx.doi.org/10.1016/j.csr.2013.06.013>
- Garvin, M.R., C.M. Kondzela, P.C. Martin, B. Finney, J. Guyon, W.D. Templin, N. DeCovich, S. Gilk-Baumer and A.J. Gharrett. 2013. Recent physical connections may explain weak genetic structure in western Alaskan chum salmon (*Oncorhynchus keta*) populations. *Ecology and Evolution*, 3(7):2362–2377. doi:10.1002/ece3.628
- Guilhem, A., D.S. Dreger, H. Tsuruoka and H. Kawakatsu. 2013. Moment tensors for rapid characterization of megathrust earthquakes: the example of the 2011 M 9 Tohoku-oki, Japan earthquake. *Geophysical Journal International*, 192(2):759–772, doi:10.1093/gji/ggs045.
- Habermann, M., M. Truffer and D. Maxwell. 2013. Changing basal conditions during the speed-up of Jacobshavn Isbrae, Greenland. *The Cryosphere*, 7:1679–1692. doi:10.5194/tc-7-1679-2013
- Hunt, G.L. Jr., A.L. Blanchard, P. Boveng, P. Dalpadado, K.F. Drinkwater, L. Eisner, R.R. Hopcroft, R.R., K.M. Kovacs, B.L. Norcross, P. Renaud, M. Reigstad, M. Renner, H.R. Skjoldal, A. Whitehouse and R.A. Woodgate. 2013. The Barents and Chukchi Seas: Comparison of two Arctic shelf ecosystems. *Journal of Marine Systems*, 109–110:43–68. doi:10.1016/j.marsys.2012.08.003
- Lee, S.H., M.S. Yun, B.K. Kim, H.T. Joo, S-H. Kang C.K. Kang and T. Whitledge. 2013. Contribution of small phytoplankton to total primary production in the Chukchi Sea. *Continental Shelf Research*, 68:43–50. <http://dx.doi.org/10.1016/j.csr.2013.08.008>
- Lee, S.H., M.S. Yun, B.K. Kim, S.I. Saitoh, C-K. Kang, S-H. Kang and T. Whitledge. 2013. Latitudinal carbon productivity in the Bering and Chukchi Seas during the summer in 2007. *Continental Shelf Research*, 59:28–36. <http://dx.doi.org/10.1016/j.csr.2013.04.004>
- McNutt, S.R., G. Thompson, M.E. West, D. Fee, S. Stihler and E. Clark. 2013. Local seismic and infrasound observations of the 2009 explosive eruptions of Redoubt Volcano, Alaska. *Journal of Volcanology and Geothermal Research: Special Issue on 2009 Redoubt Eruption* (Eds. Peter Webley and Chris Waythomas). *Journal of Volcanology and Geothermal Research*, 259:63–76.
<http://dx.doi.org/10.1016/j.jvolgeores.2013.03.016>
- Nicolsky D.J. and E.N. Suleimani. 2013. Modeling tsunami dynamics in the Port of Los Angeles, California. Chapter 6 in: Modeling for the SAFRR Tsunami Scenario: Generation, Propagation, Inundation, and Currents in Ports and Harbors: U.S. Geological Survey Open-File Report 20131170D.
- Nicolsky D.J., E.N. Suleimani, P.J. Haeussler, H.F. Ryan, R.D. Koehler, R.A. Combellick and R.A. Hansen. 2013. Tsunami Inundation Maps of Port Valdez, Alaska. Alaska Division of Geological & Geophysical Surveys, Report of Investigation.
- Polyakov, I.V., U.S. Bhatt, J.E. Walsh, E.P. Abrahamsen, A.V. Pnyushkov and P.F. Wassmann. 2013. Recent oceanic changes in the Arctic in the context of long-term observations. *Ecological Applications*, 23(8):1745–1764. doi: <http://dx.doi.org/10.1891/11-0902.1>
- Polyakov, I.V., A.V. Pnushkov, R. Rember, L. Padman, E.C. Carmack and J.M. Jackson. 2013. Winter convection transports Atlantic Water heat to the surface layer in the eastern Arctic Ocean. *Journal of Physical Oceanography*, 43:2142–2155. doi:10.1175/JPO-D-12-0169.1
- Rogers, T.S., J.E. Walsh, T.S. Rupp, L.W. Brigham and M. Sfraga. 2013. Future Arctic marine access: analysis and evaluation of observations, models, and projections of sea ice. *The Cryosphere*, 7:321–332. doi:10.5194/tc-7-321-2013

- Ross, S.L., L.M. Jones, K. Miller, K.A. Porter, A. Wein, R.I. Wilson, B. Bahng, A. Barberopoulou, J.C. Borrero, D.M. Brosnan, J.T. Bwarie, E.L. Geist, L.A. Johnson, S.H. Kirby, W.R. Knight, K. Long, P. Lynett, C.E. Mortensen, D.J. Nicolsky, S.C. Perry, G.S. Plumlee, C.R. Real, K. Ryan, E. Suleimani, H.K. Thio, V.V. Titov, P.M. Whitmore and N.J. Wood. 2013. SAFRR (Science Application for Risk Reduction) Tsunami Scenario Executive Summary and Introduction: U.S. Geological Survey Open-File Report 20131170A, in Ross, S.L. and L.M. Jones, eds., The SAFRR (Science Application for Risk Reduction) Tsunami Scenario. U.S. Geological Survey Open-File Report 20131170, 17 p., <http://pubs.usgs.gov/of/2013/1170/a/>
- Steensen, T., M. Stuefer, P.W. Webley, G. Grell and S. Freitas. 2013. Qualitative comparison of Mount Redoubt 2009 volcanic ash clouds using the PUFF and WRF-Chem dispersion models and satellite remote sensing data. *Journal of Volcanology and Geothermal Research: Special Issue on 2009 Redoubt Eruption* (Eds. Peter Webley and Chris Waythomas). *Journal of Volcanology and Geothermal Research*, 259:235–247. doi:<http://dx.doi.org/10.1016/j.jvolgeores.2012.02.018>
- Stewart, B.C., K.E. Kunkel, L.E. Stevens, L. Sun and J.E. Walsh. 2013. Regional Climate Trends and Scenarios for the U.S. National Climate Assessment: Part 7. Climate of Alaska. NOAA Technical Report NESDIS 142-7. 60 pp.
- Stuefer, M., S.R. Freitas, G. Grell, P. Webley, S. Peckham, S.A. McKeen and S.D. Egan. 2013. Inclusion of ash and SO₂ emissions from volcanic eruptions in WRF-Chem: development and some applications. *Geoscientific Model Development*, 6:457–468. doi:[10.5194/gmd-6-457-2013](https://doi.org/10.5194/gmd-6-457-2013).
- Suleimani, E.N., D.J. Nicolsky and R.D. Koehler. 2013. Tsunami inundation maps of Sitka, Alaska. Alaska Division of Geological & Geophysical Surveys, Report of Investigation 2013-3, 76 p., 1 sheet, scale 1:250,000.
- Young, J. and A. Arendt. 2013. Assessing the effects of changing climate on the Kahiltna Glacier using field, airborne, and satellite observations. *Alaska Park Science*, 12(2):26–31.

2012

- Bieniek, P.A., U.S. Bhatt, R.L. Thoman, H. Angeloff, J. Partain, J. Papineau, F. Fritsch, E. Holloway, J.E. Walsh, C. Daly, M. Shulski, G. Hufford, D. Hill, S. Calos and R. Gens. 2012. Climate divisions for Alaska based on objective methods. *Journal of Applied Meteorology and Climatology*, 51:1276–1289. <http://dx.doi.org/10.1175/JAMC-D-11-0168>.
- Brosius, L.S., K.M. Walter Anthony, G. Grosse, J.P. Chanton, L.M. Farquharson, P.P. Overduin and H. Meyer. 2012. Using the deuterium isotope composition of permafrost meltwater to constrain thermokarst lake contributions to atmospheric CH₄ during the last deglaciation. *Journal of Geophysical Research*, 117, G01022, doi:[10.1029/2011JG001810](https://doi.org/10.1029/2011JG001810)
- Fu, Y., J.T. Freymueller and T. Jensen. 2012. Seasonal hydrological loading in southern Alaska observed by GPS and GRACE. *Geophysical Research Letters*, 39, L15310, doi:[10.1029/2012GL052453](https://doi.org/10.1029/2012GL052453).
- Horrillo, J., W. Knight and Z. Kowalik. 2012. Tsunami propagation over the North Pacific: dispersive and nondispersive models. *Science of Tsunami Hazards*, 31(3):154–177.
- Mathis, J.T., R.P. Pickart, R.H. Byrne, C.L. McNeil, G.W.K. Moore, L.W. Juranek, X. Liu, J. Ma, R.A. Easley, M.M. Elliot, J.N. Cross, S.C. Reisdorph, F. Bahr, J. Morison, T. Lichendorph and R.A. Feely. 2012. Storm-induced upwelling of high pCO₂ waters onto the continental shelf of the western Arctic Ocean and implications for carbonate mineral saturation states. *Geophysical Research Letters*, 39, L07606. doi:[10.1029/2012GL051574](https://doi.org/10.1029/2012GL051574)
- McNabb, R.W., R. Hock, S. O'Neil, L.A. Rasmussen, Y. Ahn, M. Braun, H. Conway, S. Herreid, I. Jougin, W.T. Pfeffer, B.E. Smith and M. Truffer. 2012. Using surface velocities to calculate ice thickness and bed topography: a case study at Columbia Glacier, Alaska, USA. *Journal of Glaciology*, 58(212), 1451–1464. doi: [10.3189/2012JoG11J249](https://doi.org/10.3189/2012JoG11J249)

- Müller-Stoffels, M. and R. Wackerbauer. 2012. Albedo parameterization and reversibility of sea ice decay. *Nonlinear Processes in Geophysics*, 19:81–94, doi:10.5194/npg-19-81-2012.
- Nicolsky, D.J., E.N. Suleimani and R.A. Hansen. 2012. Note on the 1964 Alaska tsunami generation by horizontal displacements of ocean bottom. Numerical modeling of the runup in Chenega Cove, Alaska. *Pure and Applied Geophysics*, doi:10.1007/s00024-012-0483-7.
- Norcross, B.L., B.A. Holladay and C.W. Mecklenburg. 2012. Recent and Historical Distribution and Ecology of Demersal Fishes in the Chukchi Sea Planning Area. Final Report to the Coastal Marine Institute, Task Order M07AC12462, OCS Study BOEM 2012-073, Fairbanks Alaska.
- Overland, J.E., M. Wang, J.E. Walsh, J.H. Christensen, V.M. Kattsov and W.L. Chapman. 2012. Climate model projections for the Arctic. Chapter 3 in: Snow, Water, Ice and Permafrost in the Arctic, Scientific Report. Arctic Monitoring and Assessment Program.
- Steensen, T. and P. Webley. 2012. Qualitative analysis of input parameters for satellite-based quantification of airborne volcanic ash. *IGARSS 2012*, 2982–2985. doi:10.1109/IGARSS.2012.6350799
- Walsh, J.E., J.E. Overland, P. Groisman and B. Rudolf. 2012. Arctic climate: Recent variations. Chapter 2 in: Snow, Water, Ice and Permafrost in the Arctic, Scientific Report. Arctic Monitoring and Assessment Program.
- Webley, P.W., T. Steensen, M. Stuefer, G. Grell, S. Freitas and M. Pavolonis. 2012. Analyzing the Eyjafjallajökull 2010 eruption using satellite remote sensing, lidar and WRF-Chem dispersion and tracking model. *Journal of Geophysical Research–Atmospheres*, 117:D00U26, doi:10.1029/2011JD016817.
- Woodgate, R.A., T.J. Weingartner and R. Lindsay. 2012. Observed increases in Bering Strait oceanic fluxes from the Pacific to the Arctic from 2001 to 2011 and their impacts on the Arctic Ocean water column. *Geophysical Research Letters*, 39, L24603, doi:10.1029/2012GL054092.

2011

- Barger, C.P. and A.S. Kitaysky. 2011. Isotopic segregation between sympatric seabird species increases with nutritional stress. *Biology Letters*, doi:10.1098/rsbl.2011.1020 [online version]
- Logerwell, E., K. Rand and T.J. Weingartner. 2011. Oceanographic characteristics of the habitat of benthic fish and invertebrates in the Beaufort Sea. *Polar Biology*, 34:1783–1796, doi:10.1007/s00300-011-1028-8
- Müller-Stoffels, M. and R. Wackerbauer. 2011. Regular network model for the sea ice–albedo feedback in the Arctic. *Chaos*, 21, 013111, doi:10.1063/1.3555835
- Nicolsky, D.J., E.N. Suleimani, R.A. Combellick and R.A. Hansen. 2011. Tsunami Inundation Maps of Whittier and western Passage Canal, Alaska. Alaska Division of Geological & Geophysical Surveys, Report of Investigation 2011-7, 65 p.
- Nicolsky, D.J., E.N. Suleimani and R.A. Hansen. 2011. Validation and verification of a numerical model for tsunami propagation and runup. *Pure and Applied Geophysics*, 168:1199–1222, doi:10.1007/s00024-010-0231-9.
- Okkonen, S.R., C.J. Ashjian, R.G. Campbell, J.T. Clarke, S.E. Moore and K.D. Taylor. 2011. Satellite observations of circulation features associated with a bowhead whale feeding 'hotspot' near Barrow, Alaska. *Remote Sensing of Environment*, 115:2168–2174, doi:10.1016/j.rse.2011.04.024
- 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. *Journal of Climate*, 24(6):1583–1597, doi:10.1175/2010JCLI3462.1.

- Parker-Stetter, S.L., J.K. Horne and T.J. Weingartner. 2011. Distribution of polar cod and age-0 fish in the U.S. Beaufort Sea. *Polar Biology*, 10:1543–1557, doi:10.1007/s00300-011-1014-1
- Romanovsky, V., N. Oberman, D. Drozdov, G. Malkova, A. Kholodov and S. Marchenko. 2011. Permafrost. [in “State of the Climate 2010”]. *Bulletin of the American Meteorological Society*, 92(6):S152–S153. doi: <http://dx.doi.org/10.1175/1520-0477-92.6.S1>
- Ruppert, N.A., S. Prejean and R.A. Hansen. 2011. Seismic swarm associated with the 2008 eruption of Kasatochi Volcano, Alaska: Earthquake locations and source parameters. *Journal of Geophysical Research - Solid Earth*, 116, B00B07, doi:10.1029/2010JB007435.
- Suleimani, E., D.J. Nicolsky, P.J. Haeussler and R. Hansen. 2011. Combined effects of tectonics and landslide-generated tsunami runup at Seward, Alaska, during the Mw 9.2 1964 earthquake. *Pure and Applied Geophysics*, 168:1053–1074, doi:10.1007/s00024-010-2010.
- Walsh, J.E., J.E. Overland, P.Y. Groisman and B. Rudolf. 2011. Ongoing climate change in the Arctic. *Ambio*, 40(Suppl. 1):6–16, doi:10.1007/s13280-011-0211-2

2010

- Nicolsky, D.J., E.N. Suleimani and R.A. Hansen. 2010. Numerical modeling of the 1964 Alaska tsunami in western Passage Canal and Whittier, Alaska. *Natural Hazards and Earth System Sciences*, 10:2489–2505, doi:10.5194/nhess-10-1-2010.
- Romanovsky, V., N. Oberman, D. Drozdov, G. Malkova, A. Kholodov and S. Marchenko. 2010. Permafrost. In: D.S. Arndt, M.O. Baringer and M.R. Johnson, Eds. State of the Climate in 2009. *Special Supplement to the Bulletin of the American Meteorological Society*, 91(6):S92.
- Ruppert, N.A. and R.A. Hansen. 2010. Temporal and spatial variations of local magnitudes in Alaska and Aleutians and comparison with body-wave and moment magnitudes. *Bulletin of the Seismological Society of America*, 100(3):1174–1183, doi:10.1785/0120090172.

2009

- Groisman, P.Y., E.A. Clark, D.P. Lettenmaier, V.M. Kattsov, I.N. Sokolik, V.B. Aizen, O. Cartus, J. Chen, C.C. Schmullius, S. Conard, J. Katzenberger, O. Krankina, J. Kukkonen, M.A. Sofiev, T. Machida, S. Maksyutov, D. Ojima, J. Qi, V.E. Romanovsky, D. Walker, M. Santoro, A.I. Shiklomanov, C. Vörösmarty, K. Shimoyama, H.H. Shugart, J.K. Shuman, A.I. Sukhinin and E.F. Wood. 2009. The Northern Eurasia Earth Science Partnership: An example of science applied to societal needs. *Bulletin of the American Meteorological Society*, 90:671–688. doi:10.1175/2008BAMS2556.1.
- Romanovsky, V., N. Oberman, D. Drozdov, G. Malkova, A. Kholodov and S. Marchenko. 2009. Permafrost. In: T.C. Peterson and M.O. Baringer, Eds. State of the Climate in 2008. *Special Supplement to the Bulletin of the American Meteorological Society*, 90(8):S91–S92.