

U.S. Geological Survey Reports on Alaska Released in 2000

Compiled by John P. Galloway

[Some reports dated 1999, 1998, or 1997 that did not become available until 2000 are included]

- Ager, T.A., 2000, Postglacial vegetation history of the Kachemak Bay area, Cook Inlet, south-central Alaska, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 147–165.
- Berg, H.C., 1999, Alaska resource data file, Ketchikan quadrangle: U.S. Geological Survey Open-File Report 99–525, 433 p.
- Brabets, T.P., Wang, Bronwen, and Meade, R.H., 2000, Environmental and hydrologic overview of the Yukon River basin, Alaska and Canada: U.S. Geological Survey Water-Resources Investigations Report 99–4204, 106 p.
- Bradley, D.C., Parrish, Randall, Clendenen, William, Lux, Daniel, Layer, P.W., Heizler, Matthew, and Donley, D.T., 2000, New geochronological evidence for the timing of early Tertiary ridge subduction in southern Alaska, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 5–21.
- Bradley, D.C. and Wilson, F.H., 2000, Reconnaissance bedrock geology of the southeastern part of the Kenai quadrangle, Alaska, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 59–63.
- Brosgé, W.P., and Reiser, H.N., 2000, Geologic map of the Christian quadrangle, Alaska: U.S. Geological Survey Open-File Report 00–192, 13 p., scale 1:250,000.
- Bruhn, R.L., 1998, Earthquake hazard of the Upper Cook Inlet Fold Belt, greater Anchorage area, Alaska: U.S. Geological Survey report under contract 1434–H1–96–GR–02743, 9 p.
- Day, W.C., Gamble, B.M., Henning, M.W., and Smith, B.D., 2000, Geologic setting of the Fortymile River area—polyphase deformational history within part of the eastern Yukon-Tanana uplands of Alaska, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 65–82.
- Dorava, J.M., and Love, Andra, 1999, Concentrations of fecal coliform bacteria in creeks, Anchorage, Alaska, August and September 1998: U.S. Geological Survey Open-File Report 99–236, 9 p.
- Dumoulin, J.A., Bradley, D.C., and Harris, A.G., 2000, Paleozoic strata of the Dyckman Mountain area, northeastern Medfra quadrangle Alaska, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 43–57.
- Eppinger, R.G., Briggs, P.H., Rosenkrans, Danny, and Ballestrazze, Vanessa, 2000, Environmental geochemical studies of selected mineral deposits in Wrangell-St. Elias National Park and Preserve, Alaska: U.S. Geological Survey Professional Paper 1619, 41 p.
- Evans, KR., Carlson, P.R., Hampton, M.A., Marlow, M.S., and Barnes, P.W., 2000, Map of distribution of bottom sediments on the continental shelf, Gulf of Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF–2335, scale 1:1,000,000.
- Farmer, G.L., Goldfarb, R.J., Lilly, M.R., Bolton, Bob, Meier, A.L., and Sanzolone, R.F., 2000, The chemical characteristics of ground water near Fairbanks, Alaska, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 167–178.
- Fleming, M.D., 1999, AVHRR images for developing a circumpolar arctic vegetation map, *in* Markon, C.J., and Walker, D.A., eds., Proceedings of the Third International Circumpolar Arctic Vegetation Mapping Workshop: U.S. Geological Survey Open-File Report 99–551, p. 26–27.
- Ford, A.B., and Brew, D.A., 2000, Summary information about platinum-group elements and other trace metals in greenstones of the Wrangellia terrane and the Gravina belt, southeastern Alaska: U.S. Geological Survey Open-File Report 00–256, 44 p.
- Freeman, C.J., and Schaefer, Janet, 1999, Alaska resource data file, Livengood quadrangle: U.S. Geological Survey Open-File Report 99–574, 464 p.
- Frenzel, S.A., 2000, Selected organic compounds and trace elements in streambed sediments and fish tissues, Cook Inlet basin, Alaska: U.S. Geological Survey Water-Resources Investigations Report 00–4004, 39 p.
- Frenzel, S.A., and Dorava, J.M., 1999, Water-quality data for the Talkeetna River and four streams in National Parks, Cook Inlet Basin, Alaska, 1998: U.S. Geological Survey Open-File Report 99–459, 58 p.
- Freymueller, J.T., 1997, Regional tectonics of southern Alaska—extracting the “gold” from existing GPS data: U.S. Geological Survey report under contract 1434–HQ–97–GR–03056, 9 p.
- Galloway, J.P., and Toussaint, Susan, 2000, Reports on Alaska in non-USGS publications released in 1998, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 223–224.
- 2000, U.S. Geological Survey reports on Alaska released in 1998, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 221–222.

- Gray, J.E., Lee, G.K., O'Leary, R.M., and Theodorakos, P.M., 1999, Geochemical data for stream-sediment, heavy-mineral-concentrate, and rock samples collected from the Fortyseven Creek gold-arsenic-antimony-tungsten prospect, southwestern Alaska: U.S. Geological Survey Open-File Report 99-584, 22 p.
- Greninger, M.L., Klemperer, S.L., and Nokleberg, W.J., 1999, Geographic information systems (GIS) compilation of geological and geophysical data from the Circum-North Pacific, *in* Nokleberg, W.J., and Diggles, M.F., eds.: U.S. Geological Survey Open-File Report 99-422 [CD-ROM].
- Hildreth, Wes, Fierstein, Judy, Lanphere, M.A., and Siems, D.F., 2000, Mount Mageik—a compound stratovolcano in Katmai National Park, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 23–41.
- Hudson, Travis, 1999, Alaska resource data file, Solomon quadrangle: U.S. Geological Survey Open-File Report 99-573, 360 p.
- Hudson, T.L., and Saltus, R.W., 2000, Bedrock assemblages of the Bering Strait region—implications for offshore metal sources in the marine environment, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 111–125.
- Johnsson, M.J., and Sokol, N.K., 2000, Stratigraphic variation in petrographic composition of Nanushuk Group sandstones at Slope Mountain, North Slope, Alaska, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 83–100.
- Kelley, K.D., and Gough, L.P., 2000, Introduction, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 1–3.
- eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, 224 p.
- Kelley, K.D., Leach, D.L., and Johnson, C.A., 2000, Sulfur-, oxygen-, and carbon-isotope studies of Ag-Pb-Zn vein-breccia occurrences, sulfide-bearing concretions, and barite deposits in the north-central Brooks Range, with comparisons to shale-hosted stratiform massive sulfide deposits, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 189–201.
- Markon, C.J., 1999, Characteristics of the Alaskan 1-km advanced very high resolution radiometer data sets used for analysis of vegetation biophysical properties: U.S. Geological Survey Open-File Report 99-410, 86 p.
- Markon, C.J., and Walker, D.A., eds., 1999, Proceedings of the Third International Circumpolar Arctic Vegetation Mapping Workshop: U.S. Geological Survey Open-File Report 99-551, 80 p.
- McNamara, Daniel, and Hansen, R.A., 2000, Determination of source parameters and wave attenuation characteristics in Alaska: U.S. Geological Survey report under contract 98-HQ-GR-1007, 7 p.
- Miller, M.L., Tucker, R.D., Layer, P.W., and Bundtzen, T.K., 2000, Isotopic ages from intrusive rocks near the Stuyahok gold placer deposits, south-central Holy Cross quadrangle, Alaska, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 179–188.
- Miller, Tom, 1999, Volcanic ash hazards to aviation across the North Pacific, *in* Guffanti, M.C., Bacon, C.R., Hanks, T.C., and Scott, W.E., eds., Proceedings of the workshop on present and future directions in volcano-hazard assessments: U.S. Geological Survey Open-File Report 99-339, p. 12.
- Moore, T.E., Houseknecht, D.W., and Potter, C.J., 2000, Apatite fission-track analysis of twelve outcrop samples from the Chandler Lake and Killik River 1:250,000-scale quadrangles, south-central North Slope, Alaska: U.S. Geological Survey Open-File Report 00-220, 31 p.
- Muhs, D.R., Ager, T.A., Been, J.M., Rosenbau, J.G., and Reynolds, R.L., 2000, An evaluation of methods for identifying and interpreting buried soils in late Quaternary loess in Alaska, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 127–146.
- Nelson, S.L., and Miller, M.L., 2000, Assessment of mineral resource tracts in the Chugach National Forest, Alaska: U.S. Geological Survey Open-File Report 00-26, 21 p.
- Patton, W.W., Jr., and Moll-Stalcup, E.J., 2000, Geologic map of the Nulato quadrangle, west-central Alaska: U.S. Geological Survey Geologic Investigations Series I-2677, 41 p., scale 1:250,000.
- Pilcher, S.H., 2000, Alaska resource data file, Atka quadrangle: U.S. Geological Survey Open-File Report 00-21, 4 p.
- 2000, Alaska resource data file, Attu quadrangle: U.S. Geological Survey Open-File Report 00-28, 6 p.
- 2000, Alaska resource data file, Bristol Bay quadrangle: U.S. Geological Survey Open-File Report 00-119, 4 p.
- 2000, Alaska resource data file, Rat Islands quadrangle: U.S. Geological Survey Open-File Report 00-29, 8 p.
- 2000, Alaska resource data file, Simeonof Island quadrangle: U.S. Geological Survey Open-File Report 00-121, 4 p.
- 2000, Alaska resource data file, Sutwik Island quadrangle: U.S. Geological Survey Open-File Report 00-120, 17 p.
- 2000, Alaska resource data file, Ugashik quadrangle: U.S. Geological Survey Open-File Report 00-122, 31 p.
- 2000, Alaska resource data file, Umnak quadrangle: U.S. Geological Survey Open-File Report 00-118, 31 p.
- 2000, Alaska resource data file, Unimak quadrangle: U.S. Geological Survey Open-File Report 2000-117, 13 p.
- Post, Austin, and Viens, R.J., 2000, Preliminary bathymetry of Shoup basin and Late Holocene change of Shoup Glacier, Alaska: U.S. Geological Survey Water-Resources Investigations Report 94-4093, 11 p., 2 sheets, scale 1:10,000.
- Richter, D.H., Ratté, J.C., Leeman, W.P., and Menzies, Martin, 2000, Geologic map of the McCarthy D-1 quadrangle, Alaska: U.S. Geological Survey Geologic Investigations Series Map I-2695, scale 1:63,360.
- Sampson, J.A., and Rodriguez, B.D., 2000, Magnetotelluric data along the Talkeetna Mountains transect, Alaska: U.S. Geological Survey Open-File Report 00-486, 138 p.
- Schmidt, J.M., 2000, Geology and geochemistry of Zn-Pb-Ag vein-breccias at Whoopee Creek, Alaska, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 203–219.
- Talbot, S.S., and Markon, C.J., 1999, Prototype map of southwestern Alaska for the circumpolar arctic vegetation map, *in* Markon, C.J., and Walker, D.A., eds., Proceedings of the Third International Circumpolar Arctic Vegetation Mapping Workshop: U.S. Geological Survey Open-File Report 99-551, p. 28.
- Walker, D.A., 1999, An integrated vegetation map for northern Alaska—a prototype for circumpolar arctic vegetation mapping,

- in* Markon, C.J., and Walker, D.A., eds., Proceedings of the Third International Circumpolar Arctic Vegetation Mapping Workshop: U.S. Geological Survey Open-File Report 99-551, p. 32.
- Wanty, R.B., Wang, Bronwen, Vohden, Jim, Briggs, P.H., and Meier, A.L., 2000, Regional baseline geochemistry and environmental effects of gold placer mining operations on the Fortymile River, eastern Alaska, *in* Kelley, K.D., and Gough, L.P., eds., 2000, Geologic studies in Alaska by the U.S. Geological Survey, 1998: U.S. Geological Survey Professional Paper 1615, p. 101-110.
- Wesson, R.L., Frankel, A.D, Mueller, C.S., and Harmsen, S.C., 1999, Probabilistic seismic hazard maps of Alaska: U.S. Geological Survey Open-File Report 99-36, 43 p.
- Williams, Anita, 1999, Alaska resource data file, Kotzebue quadrangle: U.S. Geological Survey Open-File Report 99-579, 12 p.
- 2000, Alaska resource data file, Baird Mountains quadrangle: U.S. Geological Survey Open-File Report 00-024, 50 p.
- 2000, Alaska resource data file, Candle quadrangle: U.S. Geological Survey Open-File Report 00-025, 109 p.
- 2000, Alaska resource data file, De Long Mountains quadrangle: U.S. Geological Survey Open-File Report 00-023, 37 p.
- 2000, Alaska resource data file, Selawik quadrangle: U.S. Geological Survey Open-File Report 00-005, 21 p.
- 2000, Alaska resource data file, Shungnak quadrangle: U.S. Geological Survey Open-File Report 00-022, 33 p.
- Wilson, F.H., Detterman, R.L., and DuBois, G.D., 1999, Geologic map of the Alaskan Peninsula, southwest Alaska: U.S. Geological Survey Open-File Report 99-317, scale 1:500,000.
- Winkler, G.R., 2000, A geologic guide to Wrangell-Saint Elias National Park and Preserve, Alaska—a tectonic collage of northbound terranes: U.S. Geological Survey Professional Paper 1616, 166 p.
- Wyss, Max, and Hansen, Roger, 1999, Seismicity parameters for seismic hazard assessment in Alaska: U.S. Geological Survey report under contract 1434-HQ-97-GR-03073, 12 p.

Reports on Alaska in Non-USGS Publications Released in 2000 That Include U.S. Geological Survey Authors

Compiled by John P. Galloway

[Some reports dated 1999 that did not become available until 2000 are included; USGS authors are marked with an asterisk (***)]

- Anderson, S.P., Kraal, E.R., Anderson, R.S., Longacre, S.A., *Trabant, Dennis, and Fountain, Andrew, 2000, Comparison of the 1999 and 2000 Hidden Creek Lake outbursts—same peak flow, different lake volumes [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 7, p. 116.
- *Anderson, V.M., and *Taylor, C.D., 2000, Alteration mineralogy and zonation in host rocks to the Greens Creek deposit, southeastern Alaska [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 6, p. 2.
- *Ayuso, R.A., *Kelley, K.D., *Slack, J.F., and Young, L.E., 2000, Pb and Sr isotopic evolution of the Red Dog Pb-Zn-Ag deposit, Brooks Range, Alaska [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 7, p. 84.
- *Bacon, C.R., 2000, Preeruptive volatiles in the most recent eruptions of Aniakchak volcano, Alaska [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 1376–1377.
- Blodgett, R.B., *Wilson, F.H., Stanley, G.D., Jr., McRoberts, C.A., and Sandy, M.R., 2000, Upper Triassic stratigraphy and fauna of the Taylor Mountains D–2 and D–3 quadrangles (SW part of the Farewell terrane), southwest Alaska [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 6, p. 4.
- *Brew, D.A., 2000, Landforms+generalized bedrock-lithologic units in Glacier Bay National Park, southeastern Alaska—are they a partial basis for eco(sub)system units? A study still in progress! [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 7, p. 264.
- *Carlson, P.R., Cowan, E.A., Powell, R.D., and Cai, Jinkui, 1999, Growth of post-Little Ice Age submarine fan, Glacier Bay, Alaska: Geomarine Letters, v. 19, no. 4, p. 2227–2236.
- Chapin, F.S., *McGuire, A.D., and Randerson, James, 2000, Feedbacks from high-latitudes ecosystems to climate [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 223.
- *Chouet, B., 2000, Near-surface magmatic-hydrothermal interactions—a seismological perspective [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 7, p. 111.
- Coe, R.S., Zhao, Xixi, Lyons, J.J., Pluhar, C.J., and *Mankinen, E.A., 2000, Revisiting the 1964 collection of Nunivak lava flows [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 350.
- Copass, C.D., Beringer, Jason, *McGuire, David, Chapin, F.S., and Walker, D.A., 2000, Characterization of vegetation biomass and structure along a gradient from tundra to forest at tree line in Council, Alaska [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 228.
- *Dusel-Bacon, Cynthia, and Cooper, K.M., 1999, Trace-element geochemistry of metabasaltic rocks from the Yukon-Tanana Upland and implications for the origin of tectonic assemblages in east-central Alaska: Canadian Journal of Earth Sciences, v. 36, no. 10, p. 1671–1695.
- *Dusel-Bacon, Cynthia, *Wooden, J.L., and Hoffmann, B.L., 2000, U-Pb dating and trace-element geochemistry track Late Devonian intra-arc extension and formation of Bonnifield vms deposits and sedex occurrences in the Yukon-Tanana terrane, interior Alaska [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 6, p. 12.
- Edwards, M.E., Anderson, P.M., Brubaker, L.B., *Ager, T.A., Andreev, A.A., Bigelow, N.H., Cwynar, L.C., Eisner, W.R., Harrison, S.P., Hu, F.-S., Jolly, Dominique, Lozhkin, A.V., MacDonald, G.M., Mock, C.J., Ritchie, J.C., Sher, A.V., Spear, R.W., Williams, J.W., and Yu, G., 2000, Pollen-based biomes for Beringia 18,000, 6,000 and 0 ¹⁴C yr BP: Journal of Biogeography, v. 27, no. 3, p. 521–554.
- Ernst, G.J., Henderson, L.J., Rose, W.I., Bluth, G.J., Riley, C.M., *Schneider, D.J., and *McGimsey, R.G., 2000, Observations of 1992 Crater Peak/Spurr volcanic clouds in the first few days of atmospheric residence [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 1287.
- Fountain, Andrew, *Walder, Joseph, Lindsay, Don, Cunico, Michelle, and Anderson, Suzanne, 2000, Outburst of a glacier-dammed lake, Kennicott Glacier—the importance of storage [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 7, p. 116.
- *Frankel, A.D., *Mueller, C.S., Barnhard, T.P., *Leyendecker, E.V., *Wesson, R.L., *Harmsen, S.C., *Klein, F.W., *Perkins, D.M., *Dickman, N.C., *Hanson, S.L., and *Hopper, M.G., 2000, USGS National seismic hazard maps: Earthquake Spectra, v. 16, no. 1, p. 1–20 [Hazard model for Alaska, p. 6]
- *Gardner, C.A., Cashman, K.V., and Roman, Diana, 2000, Decreasing magma ascent rates inferred from groundmass textures during the 1986 eruption of Augustine Volcano, Alaska [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 7, p. 111.
- *Goldman, M.R., *Catchings, R.D., *Gandhok, Tini, *Hanson, S.A., *Kiger, L.E., *Lester, Alana, and *Nelson, Gordan, 2000, Preliminary results of a high-resolution seismic imaging investigation on St. George Island, Pribilof Islands, Alaska [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 876.
- *Haeussler, P.J., *Bradley, Dwight, *Miller, Marti, and *Wells, Ray, 2000, Life and death of the Resurrection Plate—evidence for

- an additional plate in the NE Pacific in Paleocene-Eocene time [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 7, p. 382.
- *Haeussler, P.J., Bruhn, R.L., and *Pratt, T.L., 2000, Potential seismic hazards and tectonics of the upper Cook Inlet basin, Alaska, based on analysis of Pliocene and younger deformation: Geological Society of America Bulletin, v. 112, no. 9, p. 1414–1429.
- Hammer, J.E., Rutherford, M.J., and *Hildreth, Wes, 2000, Pre-eruptive storage conditions for the andesite magma of the 1912 eruption in the VTTS, AK [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 1375.
- *Harden, J.W., O'Neill, K.P., Neff, Jason, *Manies, K.L., Ottmar, Roger, Meier, Rose, and *Cannon, William, 2000, Interactions among soil drainage, fire disturbance, and carbon cycling at plot and landscape scales of the boreal forest [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 259.
- *Hildreth, Wes, and *Fierstein, Judy, 2000, Katmai volcanic cluster and the great eruption of 1912: Geological Society of America Bulletin, v. 112, no. 10, p. 1594–1620.
- Hines, M.E., and *Bailey, E.A., 2000, Relative activities of methylmercury formation and degradation in natural habitats [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 7, p. 418.
- Keating, B.H., *Waythomas, C.F., and Dawson, A.G., 2000, Introduction, *in* Landslides and tsunamis: Pure and Applied Geophysics, v. 157, no. 6–8 (special issue), p. 871–874.
- *Kelley, K.D., Leach, D.L., Anderson, V.M., Slack, J.F., and Ridley, W.I., 2000, Textural and compositional variations of sphalerite from the Red Dog shale-hosted Zn-Pb-Ag massive sulfide deposits, western Brooks Range, Alaska [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 7, p. 84.
- *Kolak, J.J., Short, J.W., and *Carlson, P.R., 2000, Particulate coal accumulation in Gulf of Alaska sediments—delineation of sources, transport pathways, and geochemistry [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 7, p. 82.
- Kraal, E.R., Anderson, S.P., Longacre, Sharon, Anderson, R.S., *Traubant, Dennis, Cunico, Michelle, and Fountain, Andrew, 2000, Hidden Creek Lake outburst—timing of fluvial and sympathetic lake response to a glacial outburst flood [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 7, p. 116.
- *Long, K.R., *DeYoung, J.H., and *Ludington, Steve, 2000, Significant deposits of gold, silver, copper, lead, and zinc in the United States: Economic Geology, v. 95, no. 2, p. 629–644.
- *Lu, Zhong, Mann, Dörte, Freymueller, J.T., and Meyer, D.J., 2000, Synthetic aperture radar interferometry of Okmok volcano, Alaska—radar observations: Journal of Geophysical Research, v. 105, no. B5, p. 10791–10808.
- *Lu, Zhong, *Wicks, Charles, *Dzurisin, Daniel, *Power, J.A., and *Thatcher, Wayne, 2000, Satellite radar interferometry detected surface deformation at a dormant Aleutian volcano [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 1354.
- *Lu, Zhong, *Wicks, Charles, *Dzurisin, Daniel, *Thatcher, Wayne, Freymueller, J.T., McNutt, S.R., and Mann, Dörte, 2000, Aseismic inflation of Westdahl volcano, Alaska, revealed by satellite radar interferometry: Geophysical Research Letters, v. 27, no. 11, p. 1567–1570.
- *Mangan, Margaret, *Trusdell, Frank, *Miller, Thomas, and *Waythomas, Christopher, 2000, Events and geochemistry of the initial caldera-forming eruption at Emmons Lake volcanic complex [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 1353.
- Mann, Dörte, Freymueller, J.T., and *Lu, Zhong, 2000, The pre-, co-, post-eruptive sequence of the 1997 Okmok eruption from deformation observations [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 1376.
- *Marlow, M.S., *Stevenson, A.J., *Chezar, Henry, and McConaughy, R.A., 1999, Tidally generated sea-floor lineations in Bristol Bay, Alaska, USA: Geo-Marine Letters, v. 19, no. 4, p. 219–226.
- *McGimsey, R.G., *Neal, C.A., and Riley, C.M., 2000, Isomass maps of the tephra fall deposits from the 1992 eruptions of Crater Peak vent, Mount Spurr volcano, Alaska [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 1312.
- *McGuire, A.D., Meier, R.A., Zhuang, Qianlai, Macander, Matt, Rupp, T.S., Kasischke, Eric, Verbyla, David, Kicklighter, D.W., and Melillo, J.M., 2000, The role of fire disturbance, climate, and atmospheric carbon dioxide in the response of historical carbon dynamics in Alaska from 1950 to 1995—the importance of fire history [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 260.
- *McNamara, D.E., 2000, Frequency dependence of Lg attenuation in south-central Alaska [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 877.
- Meier, Rose, *Harden, Jennifer, Silapaswan, Cherie, Swanson, David, Zhuang, Qianlai, and *McGuire, A.D., 2000, Characterization of soil drainage classes for the study of soil carbon storage in Alaska [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 239.
- *Miller, M.L., *Bradley, D.C., and Bundtzen, T.K., 2000, Late Cretaceous and Tertiary strike-slip faulting and its relationship to Au and Hg ore-forming events in the Kuskokwim mineral belt, southwestern Alaska [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 6, p. 31.
- *Miller, T.P., 2000, Volcanic ash hazards at the start of the 21st Century—status and mitigation [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 22, supplement, p. 226.
- *Miller, T.P., *Mangan, M.T., and *Trusdell, F.A., 2000, Physical volcanology of large Late-Quaternary caldera-forming eruptions at the Emmons Lake volcanic center, Alaska Peninsula [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 1353.
- *Moore, T.E., and *Potter, C.J., 2000, Torok-Fortress Mountain duplex, north-central Brooks Range foothills, Alaska [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 6, p. 32.
- *Moran, S.C., 2000, Volcano-tectonic earthquakes at Katmai National Park, Alaska: Evidence for more than one source process [abs.]: Eos (American Geophysical Union Transactions), v. 81, no. 48, p. 1375.
- Mueller, S.H., Farmer, G.L., *Goldfarb, R.J., *Sanzolone, Richard, *Adams, Monique, and Richmond, S.A., 2000, Controls on the concentration and mobility of arsenic in groundwaters, Fairbanks, Alaska [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 6, p. 57.
- Mull, C.G., Harris, E.E., Reifensstuhl, R.R., and *Moore, T.E., 2000, Geologic map of the Coke Basin-Kukpowruk River area, DeLong Mountains D-2 and D-3 quadrangles, Alaska: Alaska Division of Geological and Geophysical Surveys Report of Investigations 2000-2, scale 1:63,360.
- *Neal, C.A., 2000, Communication of volcano hazards—approach of the Alaska Volcano Observatory [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 7, p. 335.
- *Nokleberg, W.J., Bundtzen, T.K., Dawson, K.M., Monger, J.W.H., Khanchuk, A.I., Parfenov, L.M., and Shpikerman, V.I., 2000, Tectonic controls for Phanerozoic metallogenesis of the Russian Far East, Alaska, and the Canadian Cordillera [abs.]: Geological Society of America Abstracts with Programs, v. 32, no. 6, p. 59.

- *Nokleberg, W.J., Bundtzen, T.K., Goryachev, N.A., Shpikerman, V.I., Khanchuk, A.I., Ratkin, V.V., and Parfenov, L.M., 1999, Metallogeneses of the Russian Far East and Alaska as part of the Circum-North Pacific tectonic regime [abs.]: *Mongolian Geoscientist*, no. 14, p. 89–90.
- *Nokleberg, W.J., Khanchuk, A.I., Naumova, V.V., Badarch, Gombosuren, Parfenov, L.M., *Miller, R.J., and NE Asia Metallogenesis Team, 1999, Geographic information systems compilation of geodynamic, mineral resource, and geophysical maps being developed for the Northeast Asia metallogenesis project [abs.]: *Mongolian Geoscientist*, no. 14, p. 52–53.
- *Nokleberg, W.J., Scotese, C.R., Khanchuk, A.I., Monger, J.W.H., Dawson, K.M., Norton, I.O., and Parfenov, L.M., 2000, Dynamic computer model for the Phanerozoic tectonic and metallogenic evolution of the Circum-Pacific [abs.]: *Geological Society of America Abstracts with Programs*, v. 32, no. 6, p. 59.
- *Nordstrom, D.K., 2000, Advances in the hydrogeochemistry and microbiology of acid mine waters: *International Geology Review*, v. 42, no. 6, p. 499–515.
- *Parris, T.M., and *Burruss, R.C., 2000, Syntectonic fluid flow and fracturing, eastern Brooks Range, Alaska [abs.]: *Geological Society of America Abstracts with Programs*, v. 32, no. 7, p. 236.
- *Power, J.A., *Moran, S.C., McNutt, S.R., Stihler, S.D., and Sanchez, J.J., 2000, Triggered seismicity beneath the Katmai volcanoes following the December 6, 1999, magnitude 7.0 Karluk Lake earthquake, Alaska [abs.]: *Eos (American Geophysical Union Transactions)*, v. 81, no. 48, p. 917.
- *Richmond, S.A., and Braddock, J.F., 2000, Geochemical characterization of anaerobic ground water in subarctic Alaska, *in* Kane, D.L., ed., *Water resources in extreme environments: American Water Resource Association meeting*, Middleburg, Va., 2000, p. 141–145.
- Riley, C.M., Rose, W.I., Textor, Christiane, Graf, H.F., Bluth, G.J.-S., and *McGimsey, R.G., 2000, Modeling particle aggregation and microphysical processes in the August 1992 Spurr eruption plume using ATHAM [abs.]: *Eos (American Geophysical Union Transactions)*, v. 81, no. 48, p. 1288.
- Roeske, S.M., McClelland, W.C., and *Snee, L.W., 2000, Extrusion of the Ruby terrane from the Brook Range, Alaska, during Early Cretaceous right-lateral strike-slip [abs.]: *Geological Society of America Abstracts with Programs*, v. 32, no. 6, p. 64.
- *Saltus, R.W., *Haeussler, P.J., and *Doucette, J.P., 2000, Anchorage Urban Region Aeromagnetism (AURA)—preliminary geophysical results [abs.]: *Eos (American Geophysical Union Transactions)*, v. 81, no. 48, p. 1218.
- Sauber, Jeanne, and *Molnia, B.F., 2000, Glacial fluctuations and the rate of deformation in south central Alaska [abs.]: *Eos (American Geophysical Union Transactions)*, v. 81, no. 48, p. 325.
- *Schneider, D.J., Dean, K.G., and Dehn, Jonathan, 2000, Use of satellite remote sensing for volcano monitoring and ash cloud tracking by the Alaska Volcano Observatory [abs.]: *Eos (American Geophysical Union Transactions)*, v. 81, no. 22, supplement, p. 227.
- Schuur, E.A.G., Trumbore, S.E., *Harden, Jennifer, and Chapin, F.S., 2000, The isotopic composition of carbon dioxide from a boreal forest fire [abs.]: *Eos (American Geophysical Union Transactions)*, v. 81, no. 48, p. 237.
- Scotese, C.R., *Nokleberg, W.J., *Scholl, D.W., Khanchuk, A.I., Monger, J.W.H., Dawson, K.M., Norton, I.O., and Parfenov, L.M., 2000, Interactive demonstration of dynamic computer model for the Phanerozoic tectonic and metallogenic evolution of the Circum-North Pacific [abs.]: *Geological Society of America Abstracts with Programs*, v. 32, no. 6, p. 67.
- Silapaswan, C.S., Verbyla, D.L., and *McGuire, A.D., 2000, Land cover change on the Seward Peninsula—the use of remote sensing to evaluate the potential influences of climate change on historical vegetation dynamics [abs.]: *Eos (American Geophysical Union Transactions)*, v. 81, no. 48, p. 231–232.
- *Stottlemeyer, Robert, 2000, Climate change and treeline watershed nutrient exports, Noatak National Preserve, Alaska [abs.]: *AAAS Arctic Science Conference*, 51st, Whitehorse, Yukon, Canada, 2000, Program and Abstracts, p. 161–162.
- *Stottlemeyer, Robert, and Herrmann, Reimer, 2000, Relationship between soil processes and stream chemistry in a small taiga-tundra watershed, Alaska [abs.]: *Eos (American Geophysical Union Transactions)*, v. 81, no. 48, p. 379.
- Synolakis, Costas, Borrero, Jose, Yalciner, Ahmet, *Plafker, George, Greene, H.G., and Watts, Phil, 2000, Modeling the 1994 Skagway, Alaska tsunami [abs.]: *Eos (American Geophysical Union Transactions)*, v. 81, no. 48, p. 748.
- *Taylor, C.D., *Premo, W.R., and Lear, K.G., 2000, The Greens Creek massive sulfide deposit—premier example of the Late Triassic metallogeny of the Alexander terrane, southeastern Alaska and British Columbia [abs.]: *Geological Society of America Abstracts with Programs*, v. 32, no. 6, p. 71.
- *Trabant, D.C., and *March, R.S., 1999, Mass-balance measurements in Alaska and suggestions for simplified observations programs: *Geografiska Annaler*, v. 81A, no. 4, p. 777–789.
- *Trabant, D.C., Cunico, Michelle, Walder, J.S., Anderson, S.P., and Fountain, A.G., 2000, Ice-dam kinematics before, during, and after an outburst flood [abs.]: *Eos (American Geophysical Union Transactions)*, v. 81, no. 48, p. 437.
- Wallace, K.L., and *Waythomas, C.F., 2000, Further investigation of geologic setting and characterization of a large volcanic debris avalanche deposit in the Copper River basin, Alaska [abs.]: *Eos (American Geophysical Union Transactions)*, v. 81, no. 48, p. 1353.
- *Waythomas, C.F., 2000, Dam-break floods caused by failure of volcanic debris dams in the Chakachatna River valley associated with eruptions of the Spurr volcanic complex, Alaska [abs.]: *Geological Society of America Abstracts with Programs*, v. 32, no. 7, p. 510.
- 2000, Reevaluation of tsunami formation by debris avalanche at Augustine Volcano, Alaska: *Pure and Applied Geophysics*, v. 157, no. 6–8, p. 1145–1188.
- *Waythomas, C.F., *Miller, T.P., *Mangan, M.T., *Trusdell, F.A., and Wallace, K., 2000, Fire and ice on the Alaska Peninsula stratigraphic records of pyroclastic eruptions and glaciation, Emmons Lake caldera and vicinity, southwestern Alaska [abs.]: *Eos (American Geophysical Union Transactions)*, v. 81, no. 48, p. 1352–1353.
- Zhang, Xinxian, *McQuire, A.D., and Ruess, R.W., 2000, Modeling stand-level canopy maintenance respiration of black spruce ecosystems in Alaska—implications for spatial and temporal scaling [abs.]: *Eos (American Geophysical Union Transactions)*, v. 81, no. 48, p. 239–240.
- Zhuang, Qianlai, *McGuire, A.D., *Harden, Jennifer, O'Neill, K.P., and Yarie, John, 2000, Modeling the carbon dynamics of a fire chronosequence in interior Alaska [abs.]: *Eos (American Geophysical Union Transactions)*, v. 81, no. 48, p. 238.
- Zumsteg, C.L., Himmelberg, G.R., *Karl, S.M., and *Haeussler, P.J., 2000, High-temperature/low-pressure metamorphism within the fore arc on Baranof Island, southeast Alaska [abs.]: *Geological Society of America Abstracts with Programs*, v. 32, no. 7, p. 151.