

Haeussler Pubs: 1/27/07

Papers:

Haeussler, Peter J., 1991, Paleomagnetic and structural constraints on the accretion history of the Alexander terrane, southeastern Alaska: Ph.D. Dissertation, University of California Santa Cruz, 213 pp.

Haeussler, Peter J., Coe, Robert S., and Onstott, T. C., 1992, Paleomagnetism of the Late Triassic Hound Island Volcanics: revisited: *Journal of Geophysical Research*, v. 97, p. 19,617-19,639.

Haeussler, Peter J., Coe, Robert S., and Renne, Paul, 1992, The paleomagnetism and geochronology of 23-Ma gabbroic intrusions in the Keku Strait, Alaska, and implications for the Alexander terrane: *Journal of Geophysical Research*, v. 97, p. 19,641-19,649.

Haeussler, Peter J., 1992, Structural evolution of an arc-basin: the Gravina belt in central southeastern Alaska: *Tectonics*, v. 11, p. 1245-1265.

Haeussler, Peter J., and Bradley, Dwight C., 1993, Map and compilation of structural data from lode-gold mineral occurrences in the Chugach-Prince William terrane of southern Alaska: U.S. Geological Survey Open-File Report, 93-325, 53 pp. plus 1 sheet, scale 1: 500,000.

Haeussler, Peter J., and Paterson, Scott, 1993, Tilting, burial, and uplift of the Guadalupe Igneous Complex, Sierra Nevada, California: *Geological Society of America Bulletin*, v. 105, p. 1310-1320.

Haeussler, Peter J., and Nelson, Steven R., 1993, Structural evolution of the Chugach-Prince William terrane at the hinge of the orocline in Prince William Sound, and implications for ore deposits: in Till, A., and Dusel-Bacon, C., eds., *Geologic studies in Alaska by the U.S. Geological Survey*, 1992, U. S. Geological Survey Bulletin 2068, p. 143-162.

Bradley, Dwight C., Haeussler, Peter J., and Kusky, Timothy M., 1993, Timing of early Tertiary ridge subduction in southern Alaska: in Till, A., and Dusel-Bacon, C., eds., *Geologic studies in Alaska by the U.S. Geological Survey*, 1992, U.S. Geological Survey Bulletin 2068, p. 163-177.

Haeussler, Peter J., 1994, Possible active fault traces on or near the Castle Mountain fault between Houston and the Hatcher Pass Road: in Till, A., and Moore, T., eds., *Geologic studies in Alaska by the U.S. Geological Survey*, 1993, U.S. Geological Survey Bulletin 2107, p. 49-58.

Haeussler, Peter J., 1994, The next big earthquake in southern Alaska may come sooner than you think: public service earthquake preparedness pamphlet published with funds provided by the U.S. Geological Survey, 28 pp, <http://www.uaf.edu/seagrant/earthquake/>

Haeussler, Peter J. and Plafker, George, 1995, Earthquakes in Alaska: U.S. Geological Survey Open-File Report, 95-624, 1 sheet.

Haeussler, Peter J., Bradley, Dwight C., Goldfarb, Richard J., Snee, Lawrence W., and Taylor, Cliff, 1995, Link between ridge subduction and gold mineralization in southern Alaska: *Geology*, v. 23, no. 11, p. 995-998.

Page, Robert A., and Haeussler, Peter J., 1995, Earthquake information needs in south-central Alaska: U.S. Geological Survey Open-File Report, 95-696, 9 p.

Goldfarb, R.J., Christie, T., Skinner, D., Haeussler, P., and Bradley, D., 1995, Gold deposits of Westland, New Zealand and southern Alaska--Products of the same tectonic processes?, in Mauk, J., ed., PACRIM '95: Symposium Volume, p. 239-244.

Haeussler, Peter J., and Anderson, Robert S., 1997, The 'Twin Peaks fault': not a tectonic or seismogenic structure, in Dumoulin, J., and Gray, J. eds., Geologic studies in Alaska by the U.S. Geological Survey, 1995, U.S. Geological Survey Professional Paper 1574. p. 93-99. <http://vulcan.wr.usgs.gov/Projects/Deformation/Alaska/Katmai/PP1574/framework.html>

Kusky, Timothy M., Bradley, Dwight C., and Haeussler, Peter, 1997, Progressive deformation of the Chugach accretionary complex, Alaska, during a Paleogene ridge-trench encounter, *Journal of Structural Geology*, v. 19, p. 139-157.

Bradley, Dwight C., Kusky, Timothy M., Karl, Susan M., and Haeussler, Peter J., 1997, Field guide to the Mesozoic accretionary complex along Turnagain Arm and Kachemak Bay, south-central Alaska: in Karl, S.M., Vaughn, N.R., and Ryherd, T.J., eds, 1997 Guide to the geology of the Kenai Peninsula, Alaska: Alaska Geological Society, Anchorage, p. 2-12.

Kusky, Timothy M., Bradley, Dwight C., Haeussler, Peter, and Karl, Susan M., 1997, Controls on accretion of flysch and melange belts at convergent margins; evidence from the Chugach Bay thrust and Iceworm Melange, Chugach accretionary wedge, Alaska, *Tectonics*, v. 16, p. 855-878.

Haeussler, Peter J., 1998, Surficial geologic map along the Castle Mountain fault between Houston and Hatcher Pass Road, Alaska: U. S. Geological Survey Open File Report 98-480, scale 1:25,000, 1 sheet, <http://caldera.wr.usgs.gov/OF98-480/>

Wilson, Frederic H., Dover, James H., Bradley, Dwight C., Weber, Florence R., Bundtzen, Thomas K., Haeussler, Peter J., 1998, Geologic map of central (interior) Alaska, Open-File Report - U. S. Geological Survey, OF 98-0133, 3 sheets, scale 1:500,000, and pamphlet 76 pp. OF 98-133-A, has GIS data of this compilation, 1 disc. <http://wrgis.wr.usgs.gov/open-file/of98-133-a/>

Bradley, Dwight C., Kusky, Timothy M., Haeussler, Peter J., Karl, Susan M., and Donley Thomas D., 1999, Geologic map of the Seldovia quadrangle, south-central Alaska: U. S. Geological Survey Open File Report 99-362, scale 1:250,000. 1 sheet: <http://wrgis.wr.usgs.gov/open-file/of99-18/>

Nelson, Steven W., Miller, Marti L., Haeussler, Peter J., Snee, Lawrence W., Phillips, Patti J., Huber, Carol, 1999, Preliminary geologic map of the Chugach National Forest Special Study Area, Alaska: U. S. Geological Survey Open File Report 99-362, scale 1:63,360. 1 sheet, <http://geopubs.wr.usgs.gov/open-file/of99-362/>.

Haeussler, Peter J., Yount, Jim, Wells, Ray, 1999, Preliminary geologic map of the Uncas 7.5' quadrangle Clallam and Jefferson counties, Washington: U. S. Geological Survey Open File Report 99-421, scale 1:24,000, 1 sheet, <http://wrgis.wr.usgs.gov/open-file/of99-421/>

Karl, Susan M., Haeussler, Peter J., and McCafferty, Anne, 1999, Reconnaissance geologic map of the Duncan Canal-Zarembo Island area, southeastern Alaska: U. S. Geological Survey Open File Report 99-168, scale 1:150,000, 1 sheet, <http://geopubs.wr.usgs.gov/open-file/of99-168/>

Haeussler, Peter J., Bruhn, Ronald L., and Pratt, Thomas L., 2000, Potential seismic hazards and tectonics of upper Cook Inlet basin, Alaska, based on analysis of Pliocene and younger deformation: Geological Society of America Bulletin, v. 112, p. 1414-1429.

Haeussler, Peter, and Dilley, Lorie, 1999, Turnagain Arm; American Institute of Professional Geologists Annual Meeting Field Trip, v. 36, no. 2, variously paginated.

Haeussler, Peter J., and Clark, Kenneth M., 2000, Geologic map of the Wildcat Lake 7.5' quadrangle, Kitsap county, Washington: U. S. Geological Survey Open File Report 00-356, scale 1:24,000, 1 sheet: <http://geopubs.wr.usgs.gov/open-file/of00-356/>

Haugerud, Ralph, and Haeussler, Peter, 2000, Bedrock geology of Seattle: Northwest Geological Society Fieldtrip Guide, 33 p.

Saltus, R.W., Haeussler, P.J., Bracken, R.E., Doucette, J.P., and Jachens, R.C., 2001, Anchorage Urban Region Aeromagnetics (AURA) Project – Preliminary Geophysical Results; USGS Open-File Report 01-0085, 21 pp. <http://geology.cr.usgs.gov/pub/open-file-reports/ofr-01-0085/>

Haeussler, P.J., and Karl, S.M., 2001, Outcrop structural data from parts of the Petersburg and Sumdum 1:250,000-scale quadrangles, southeastern Alaska: U.S. Geological Survey Open-File Report 01-427, 6 p., and data tables. <http://geopubs.wr.usgs.gov/open-file/of01-427/>

Haeussler, P.J., Karl, S.M., and Labay, K., 2001, Outcrop structural data from Wales Group and adjacent rocks, Dall and Prince of Wales Islands, southeastern Alaska: U.S. Geological Survey Open-File Report 01-428, 6 p., and data tables. <http://geopubs.wr.usgs.gov/open-file/of01-428/>

Labay, Keith, and Haeussler, Peter J., 2001, GIS coverages of the Castle Mountain fault, south-central Alaska: U.S. Geological Survey Open File Report 01-504, 5 pp., and digital files. <http://geopubs.wr.usgs.gov/open-file/of01-504/>

Altstatt, A.A., Saltus, R.W., Bruhn, R.L, and Haeussler, P.J., 2002, Magnetic susceptibilities measured on rocks of the upper Cook Inlet, Alaska: U.S. Geological Survey Open-File Report 02-0139, 17 p. <http://greenwood.cr.usgs.gov/pub/open-file-reports/ofr-02-0139>

Haeussler, P.J., Best, Timothy C., and Waythomas, Christopher F., 2002, Paleoseismology at high latitudes: seismic disturbance of late Quaternary deposits along the Castle Mountain fault near Houston, Alaska: Geological Society of America Bulletin, v. 114, p. 1296-1310, 1 plate.

Haeussler, Peter J., Bradley, Dwight C., and Goldfarb, Richard J., 2003, Brittle deformation along the Gulf of Alaska margin in response to Paleocene-Eocene triple junction migration: in Sisson, V. B., Roeske, S. M., and Pavlis, T. L., eds., Geology of a transpressional orogen developed during ridge-trench interaction along the north Pacific margin: Geological Society of America Special Paper, 371, Boulder, Colorado, p. 119-140.

Bradley, Dwight, Kusky, T., Haeussler, Peter, Goldfarb, Rich, Miller, Marti, Dumoulin, Julie, Nelson, Steven W., and Karl, Sue, 2003, Geologic signature of early Tertiary ridge subduction in Alaska: in Sisson, V. B., Roeske, S. M., and Pavlis, T. L., Geology of a transpressional orogen developed during ridge-trench interaction along the north Pacific margin: Geological Society of America Special Paper, 371, Boulder, Colorado, p. 19-49.

Kusky, T.M., Bradley, D., Donley, D.T., Rowley, D., Haeussler, P.J., 2003, Controls on intrusion of near-trench magmas of the Sanak-Baranof belt, Alaska, during Paleogene ridge subduction, and consequences for forearc evolution: in Sisson, V. B., Roeske, S. M., and Pavlis, T. L., Geology of a transpressional orogen developed during ridge-trench interaction along the north Pacific margin: Geological Society of America Special Paper, 371, Boulder, Colorado, p. 269-272.

Zumsteg, Cathy L., Himmelberg, Glen R., Karl, Susan M., and Haeussler, Peter J., 2003, High-temperature/low-pressure metamorphism within the forearc on Baranof Island, southeastern Alaska: in Sisson, V. B., Roeske, S. M., and Pavlis, T. L., Geology of a transpressional orogen developed during ridge-trench interaction along the north Pacific margin: Geological Society of America Special Paper, 371, Boulder, Colorado, p. 253-267.

Eberhart-Phillips, D., Haeussler, P.J., Freymueller, J.T., Frankel, A., Rubin, C.M., Craw, P., Ratchkovski, N.A., Anderson, G., Carver, G.A., Crone, A.J., Dawson, T.E., Fletcher, H., Hansen, R., Harp, E.L., Harris, R.A., Hill, D.P., Hreinsdóttir, S., Gibson, R.W., Jones, L.M., Kayen, R., Keefer, D.K., Larsen, C.F., Moran, S.C., Personius, S.F., Plafker, G., Sherrod, B., Sieh, K., Sitar, N., Wallace, W.K., 2003, The 2002 Denali fault earthquake, Alaska: A large magnitude, slip-partitioned event: Science, v. 300, no. 5622, p. 1113-1118.

Haeussler, P.J., Bradley, Dwight C., Wells, R.E., and Miller, M.L., 2003, Life and death of the Resurrection plate: evidence for its existence and subduction in the northeastern Pacific in Paleocene-Eocene time: Geological Society of America Bulletin, v. 115, no. 7, p. 867-880.

Haeussler, Peter J., 2004, Are you prepared for the next big earthquake in Alaska?, 28 pp, http://www.aeic.alaska.edu/html_docs/nextbigeq.html (note: the pamphlet I produced in 1994 was updated and includes edits and minor contributions from several others)

Himmelberg, G.R., Haeussler, P.J., Brew, D.A., 2004, Emplacement, rapid burial, and exhumation of 90-Ma plutons in southeastern Alaska: Canadian Journal of Earth Sciences, v. 41, p. 320-325. <http://pubs.nrc-cnrc.gc.ca/rp/rppdf/e03-087.pdf>

Saltus, R.W., and Haeussler, P.J., 2004, Magnetic properties of Quaternary deposits, Kenai Peninsula, Alaska; implications for aeromagnetic anomalies of upper Cook Inlet: Open-File Report - U. S. Geological Survey OF 2004-1202, 26 p. <http://pubs.usgs.gov/of/2004/1202>

Haeussler, P.J. Schwartz, D.P., Dawson, T.E., Stenner, H.D., Lienkaemper, J.J., Cinti, F.R., Montone, P., Sherrod, B., Craw, P., 2004, Surface rupture of the 2002 Denali Fault, Alaska, Earthquake and comparison with other strike-slip ruptures. Earthquake spectra, v. 20, p. 565-

578. <http://link.aip.org/link/?EASPEF/20/565/1>

Haeussler, P.J., Schwartz, D.P., Dawson, T.E., Stenner, H.D., Lienkaemper, J.J., Sherrod, B., Cinti, F.R., Montone, P., Craw, P., Crone, A.J., and Personius, S.F., 2004, Surface Rupture and Slip Distribution of the Denali and Totschunda Faults in the 3 November 2002 M 7.9 Earthquake, Alaska: Bulletin of the Seismological Society of America, v. 94, no. 6B, p. S23-S52.

Crone, A.J., Personius, Craw, P.A., [Haeussler, P.J.](#), Staft, L.A. , 2004, The Susitna Glacier thrust fault—characteristics of ruptures that initiated the 2002 Denali fault earthquake: Bulletin of the Seismological Society of America, v. 94, no. 6B, p. S5-S22.

Doser, D.I., Ratchkovski, N.A., [Haeussler P.J.](#), and Saltus, R., 2004, Changes in crustal seismic deformation rates associated with the 1964 Great Alaska Earthquake: Bulletin of the Seismological Society of America, v. 94, p. 320-325.

Haeussler, P.J., and Galloway, J.P., editors, 2005, Studies by the U.S. Geological Survey in Alaska, 2004, U.S. Geological Survey Professional Paper 1709, 6 chapters.

<http://pubs.usgs.gov/pp/1709/>

Haeussler, P.J., and Saltus, R.W., 2005, Twenty-six kilometers of offset since late Eocene time on the Lake Clark fault: in Haeussler, Peter J., and Galloway, John, eds., Studies by the U.S. Geological Survey in Alaska, 2004: U.S. Geological Survey Professional Paper 1709-A, p. 1-4. <http://pubs.usgs.gov/pp/1709a/>

Haeussler, P.J., Gehrels, G.E., and Karl, S., 2005, Constraints on the age and provenance of the Chugach terrane accretionary complex from detrital zircons in the Sitka Greywacke, near Sitka, Alaska: in Haeussler, Peter J., and Galloway, John, eds., Studies by the U.S. Geological Survey in Alaska, 2004: U.S. Geological Survey Professional Paper 1709-F, p. 1-24. <http://pubs.usgs.gov/pp/1709f/>

Saltus, R.W., Blakely, R.J., [Haeussler, P.J.](#), and Wells, R.E., 2005, Utility of aeromagnetic studies for mapping of potentially active faults in two forearc basins: Puget Sound, Washington, and Cook Inlet, Alaska: Earth, Planets, Space, v. 57, p. 781-793.

Haeussler, P.J., and Galloway, J.P., editors, 2006, Studies by the U.S. Geological Survey in Alaska, 2005: U.S. Geological Survey Professional Paper 1732, 2 chapters published thus far. <http://pubs.usgs.gov/pp/1732/>

Lee, H., Ryan, H., Kayen, R.E., [Haeussler, P.J.](#), Dartnell, P. & Hampton, M.A., 2006, Varieties of submarine failure morphologies of seismically-induced landslides in Alaskan fjords: Norwegian Journal of Geology, v. 86, p. 221-230.

http://www.geologi.no/data/f/0/09/06/0_22301_0/60713_NGT_no_3_06_8.pdf

Matmon, A., Schwartz, D.P., [Haeussler, P.J.](#), Finkel, R., Lienkamper, J.J., Stenner, H.D., and Dawson, T.E., 2006, Denali fault slip rates and Holocene-late Pleistocene kinematics of central Alaska: Geology, v. 34, p. 645-644.

<http://geology.geoscienceworld.org/cgi/content/abstract/34/8/645>

Eberhart-Phillips, D., Christensen, D.H., Brocher, T.M., Hansen, R., Ruppert, N.A., [Haeussler, P.J.](#), and Abers, G.A., 2006, Imaging the transition from Aleutian subduction to Yakutat

collision in central Alaska, with local earthquakes and active source data: Journal of Geophysical Research, v. 111, B11303, doi:10.1029/2005JB004240
<http://www.agu.org/pubs/crossref/2006/2005JB004240.shtml>

Bruhn, R. L., and Haeussler, Peter J., 2006, Deformation driven by subduction and microplate collision: geodynamics of Cook Inlet basin, Alaska: Geological Society of America Bulletin, v. 118, no 3/4, p. 289-303. <http://bulletin.geoscienceworld.org/cgi/content/abstract/118/3-4/289>

Farris, D.W., Haeussler, P., Friedman, R., Paterson, S.R., Saltus, R.W., and Ayuso, R., 2006, Emplacement of the Kodiak batholith and slab-window migration: Geological Society of America Bulletin, v. 118, p. 1360-1376, doi:10.1130/B25718.1.

Willis, J.B., Haeussler, P.J., Bruhn, R.L., and Willis, G.C., in press, Holocene slip rate and revised characteristic earthquake parameters for the western segment of the Castle Mountain fault, Alaska, Bulletin of the Seismological Society of America, 10 manuscript pages.

Labay, K., and Haeussler, P.J., in press, 3D Focal Mechanisms: U.S. Geological Survey Digital Data Series 241.

Ayuso, R.A., Karl, S.M., Slack, J.F., Haeussler, P.J., Bittenbender, P.E., Wandless, G.A., and Colvin, A.S., in press, Oceanic Pb isotope sources of Proterozoic and Paleozoic volcanogenic massive sulfide deposits: Prince of Wales Island, southeast Alaska, in, Haeussler, P.J., and Galloway, J., eds., Studies by the U.S. Geological Survey in Alaska, 2005: U.S. Geological Survey Professional Paper 1732. <http://pubs.usgs.gov/pp/pp1732/>

Farris, D., and Haeussler, P.J., , Geologic maps of the Paleocene near-trench intrusives of the Kodiak batholith, Kodiak Island, Alaska: U.S. Geological Survey Scientific Investigations Map.

Abstracts:

Haeussler, Peter J., and Coe, Robert S., 1987, New paleomagnetic results from the Hound Island Volcanics and implications for the Alexander terrane: Geological Society of America Abstracts with Programs, v. 19, p. 630.

Haeussler, Peter J., Coe, Robert S., Onstott, Tullis, and Renne, Paul, 1989, A second look at the paleomagnetism of the Late Triassic Hound Island Volcanics of the Alexander Terrane, Alaska: EOS, 70, p. 1068.

Haeussler, Peter J., 1989, Structural evolution of a deformed arc-basin: The Gravina belt in central southeast Alaska: Geological Society of America Abstracts with Programs, p. 88, v. 21.

Haeussler, Peter J., Paterson, Scott, and Coe, Robert S., 1990, Paleomagnetic and geologic evidence for 30 degree tilting of the Guadalupe Igneous Complex, Sierra Nevada, Calif., Geological Society of America Abstracts with Programs, v. 22, p. A275.

Haeussler, Peter J., and Coe, Robert S., 1990, Preliminary mid-Cretaceous paleomagnetic results from concretions in the Gravina belt, Alexander terrane, southeastern Alaska: EOS, v. 71, p. 1294-1295.

- Haeussler, Peter J., and Paterson, Scott, 1991, Post-emplacement structural history of the Guadalupe Igneous Complex, Sierra Nevada, California: Geological Society of America Abstracts with Programs, v. 23, p. 32.
- Haeussler, Peter J., Wells, Ray E., Hillhouse, J. W., Sarna-Wojcicki, Andre, and Thatcher, W., 1991, Are there vertical axis rotations in the San Francisco Bay region? Implications from paleomagnetic studies of the 6 Ma Roblar Tuff: EOS, v. 72, p. 124.
- Kusky, Timothy M., Bradley, Dwight C., Haeussler, Peter, Karl, Susan M., Donley, D. Thomas, 1993, The Chugach Bay thrust, a major tectonic boundary in the southern Alaska accretionary prism: Geological Society of America Abstracts with Programs, v. 25, p. A-282.
- Haeussler, Peter J., Davis, J. Steven, Roeske, Sarah M., and Karl, Susan M., 1994, Late Mesozoic and Cenozoic faulting at the leading edge of North America, Chichagof and Baranof Islands, southeastern Alaska: Geological Society of America Abstracts with Programs, v. 26, p. A317.
- Taylor, Clifford D., Göldfarb, Richard J., Snee, Lawrence W., Gent, Carol A., Karl, Susan M., and Haeussler, Peter J., 1994, New age data for gold deposits and granites, Chichagof mining district, SE Alaska: evidence for a common origin: Geological Society of America Abstracts with Programs, v. 26, p. A140.
- Bradley, Dwight C., Haeussler, Peter J., Kusky, Timothy M., and Göldfarb, Richard J., 1994, Near-trench magmatism, deformation, and gold mineralization during Paleogene ridge subduction in Alaska: SUBCON symposium abstracts, Avalon, California, p. 219-222.
- Haeussler, Peter J., Bradley, Dwight C., Göldfarb, Richard J., and Snee, Lawrence, W., 1995, A link between ridge subduction and turbidite-hosted gold mineralization in southern Alaska: Geological Society of America Abstracts with Programs, v. 27, no. 5, 23.
- Haeussler, Peter J., and Bruhn, Ronald L., 1995, Is there significant earthquake hazard in the upper Cook Inlet basin, Alaska?: Geological Society of America Abstracts with Programs, v. 27, no. 5, p. 23.
- Bradley, D., Haeussler, P., Nelson, S., Kusky, T., Donley, D. T., and Goldfarb, R., 1995, Geologic effects of Paleogene ridge subduction, Kenai Peninsula, southern Alaska: Geological Society of America Abstracts with Programs, v. 27, no. 5, p. 7.
- Freymueller, Jeffrey T., Fletcher, Hilary, Cohen, Steven, Haeussler, Peter, and Schmidt, Peter, 1995, New measurements of deformation in Alaska and vicinity: Eos, v. 76, p. F154.
- Haeussler, Peter J., and Bradley, Dwight, C., 1996, Structural characteristics of ridge-subduction related gold deposits in southern Alaska: Geological Society of America Abstracts with Programs, v. , no. 28, no. 5, p. 71-72.
- Haeussler, Peter J., 1996, A link between ridge subduction and gold mineralization in southern Alaska: Newsletter of the Alaska Geological Society, v. 25, no. 7, p. 1&4.
- Haeussler, Peter J., Karl, Susan M., and Bradley, Dwight C., 1996, Oblique accretion of part of the Mesozoic Kelp Bay Group in southeastern Alaska, Geological Society of America Abstracts with Programs, v. 28, no. 7, p. A-437.
- Haeussler, Peter J., and Bruhn, Ronald L., 1996, Evidence for Holocene or late Pleistocene folding in Cook Inlet, Alaska: EOS, v. 77, no. 46 p. F686.
- Haeussler, Peter J., 1997, Seismic sources in southcentral Alaska: a review, results of recent research, and a reappraisal: Newsletter of the Alaska Geological Society, v. 27, p. 1-4.
- Kusky, Timothy M., Bradley, Dwight C., Haeussler, Peter J., Karl, Sue, 1997, Controls on accretion of melange and flysch belts, Chugach Terrane, south-central Alaska, Eos, v. 78, p. 320.
- Haeussler, Peter J., Karl, Susan M., Mortensen, James K., Layer, Paul, and Himmelberg, Glenn, 1999, Permian and mid-Cretaceous deformation of the Alexander terrane on Admiralty and Kupreanof Islands, southeastern Alaska: Geological Society of America Abstracts with Programs, v. 31, no. 6, p. A-60.
- Karl, S. M., Haeussler, Peter J., Mortensen, James K., Layer, Paul, Savage, Norman, Wardlaw, Bruce, Harris, Anita, Murchey, Bonnie, Blome, Charles, 1999, New stratigraphic and isotopic

- constraints on the depositional and deformational history of the Alexander terrane, southeastern Alaska: Geological Society of America Abstracts with Programs, v. 31, no. 6, p. A-68.
- Haeussler, P.J., Best, T., Waythomas, C.F., 1999, Paleoseismology of the Castle Mountain fault, Alaska, from trenching studies: EOS, v. 80, p. F737.
- Karl, S.M., Zumsteg, C., Haeussler, P.J., and Himmelberg, G.R., 1999, Slab window metamorphism of the Chugach accretionary complex, Baranof Island, southeastern Alaska: EOS, v. 80, p. F1025.
- Haeussler, P.J., Wells, R.E., Blakely, R.J., Murphy, J., and Wooden, J., 2000, Constraints on structure and timing of movement of the Seattle fault from structural geology, geophysics, and geochronology of the Green Mountain and Gold Mountain igneous complex, Washington: Geological Society of America Abstracts with Programs, v. 32 p. A-16.
- Saltus, R.W., Haeussler, P.J., and Doucette, J.P., 2000, Anchorage Urban Region Aeromagnetics - Preliminary Geophysical Results, EOS, Transactions v. 81, n. 48, p. F1218.
- Haeussler, Peter J., Bradley, Dwight, Miller, Marti, Wells, Ray, 2000, Life and death of the Resurrection plate: evidence for an additional plate in the NE Pacific in Paleocene-Eocene time: GSA Abstracts with Programs, v. 32, n. 7, A382.
- Zumsteg, Cathy L., Himmelberg, Glen R., Karl, Susan M., and Haeussler, Peter J., 2000, High-temperature/low-pressure metamorphism within the fore arc on Baranof Island, southeast Alaska: GSA Abstracts with Programs, v. 32, n. 7, A151.
- Haeussler, P.J., Saltus, R.W., and Doucette, J.P., 2001, Anchorage Urban Region Aeromagnetics – Preliminary Geophysical Results, Alaska Geological Society Technical Conference, p. xx.
- Saltus, R.W., Haeussler, P.J., and Phillips, J.D., 2001, Geophysical mapping of subsurface structures in the upper Cook Inlet basin, Alaska; GSA Abstracts with Programs, v. 33, n. 6, A345.
- Haeussler, Peter J., Bradley, Dwight C., Wells, Ray, Rowley, David B., Miller, Marti, Otteman, Aaron, Labay, Keith, 2001, Life and death of the Resurrection plate: evidence for an additional plate in the NE Pacific in Paleocene-Eocene time: EOS, Transactions v. 82, n. 47, p. F1118.
- Farris, D.W., Haeussler, P.J., Rieser, M., 2001, Formation of the Kodiak batholith: a consequence of spreading ridge subduction: EOS, Transactions v. 82, n. 47, p. F1354.
- Freymueller, Jeff, Fletcher, Hilary, Hreinsdttir, Sigrun, Cohen, Steven C., Wyss, Max, and Haeussler, Peter, 2001, The great Alaska “earthquake” of 1998-2001: EOS, Transactions v. 82, n. 47, p. F264.
- Sherrod, B.L., Haeussler, P.J., Wells, R., Troost, K., and Haugerud, R., 2001, Surface rupture in the Seattle fault zone near Bellevue, Washington [abs.]: Seismological Research Letters, v. 72, no. 2, p. 253.
- Haeussler, P.J., Bradley, D.C., Wells, R., and Miller, M., 2002, Life and death of the Resurrection Plate: Newsletter of the Alaska Geological Society, v. 31, p. 1.
- Farris, David W., Haeussler, P., Paterson, Scott, and Friedman, Richard, 2002, Slab-window processes in the Kodiak Island region, Alaska: GSA Abstracts with Programs, v. 34, no. 6, p. 375.
- Denali Earthquake Geologic Field Team (Haeussler, Peter J., and nine others), 2002, Initial observations and implications of surface rupture and slip distribution associated with the Mw7.9 Denali fault earthquake: EOS, transactions AGU, v. 83, no. 47, Abstract S72F-1337.
- Craw, P., Haeussler, P., Crone, A., Personius, S., Wallace, W., 2002, Surface rupture on the Sustina Glacier fault associated with the M 7.9 Denali fault earthquake: EOS, transactions AGU, v. 83, no. 47, Abstract S72F-1336.
- Freymueller, Jeffery T., Sigrún Hreinsdóttir, Zweck, Chris, Haeussler, Peter J., 2002, The 1998-2002 Deep megathrust slip event, Alaska: EOS, transactions AGU, v. 83, no. 47, Abstract G61A-0972.

- Doser, Diane I., Ratchkovski, Natalia, Haeussler, Peter J., 2002, Changes in crustal seismic deformation rates associated with the 1964 Great Alaska earthquake: EOS transactions AGU, v. 83, no. 47, Abstract S22B-1013.
- Haeussler, P.J., Dawson, T., Lienkaemper, J., Matmon, A., Schwartz, D., Stenner, H., Sherrod, B., Cinti, F., Montone, P., 2003, Surface rupture and revised slip distribution on the Denali and Totschunda faults from the M7.9 Denali Fault earthquake: Eos Trans. AGU, 84(46), Fall Meeting Supplement, Abstract S11B-02.
- Craw, P.A., Crone, A.J., Haeussler, P.J., Personius, S.F., Staft, L.A., 2003, The Susitna Glacier thrust fault-characteristics of ruptures that initiated the Denali Fault earthquake: Eos Trans. AGU, 84(46), Fall Meeting Supplement, Abstract S11B-01.
- Schwartz, D.P., Dawson, T., Haeussler, P., Lienkaemper, J., Matmon, A., Stenner, H., Sherrod, B., Cinti, F., Montone, P., Carver, G., Plafker, G., 2003, Paleoearthquakes on the Denali-Totschunda Fault system: preliminary observations of slip and timing: Eos Trans. AGU, 84(46), Fall Meeting Supplement, Abstract S11B-03.
- Haeussler, P., Wells, R., Friedman, R., Wooden, J., Bukry, D., and Snavely, P.D. Jr., 2003, U-Pb and coccolith ages from the Oregon Coast Range - hooking Siletzia up to the geomagnetic polarity time scale: Geological Society of America Abstracts with Programs, v. 35, no. 6, p. 512-513.
- Tangalos, G.E., Farris, D.W., Valley, J., Haeussler, P., and Haileab, B., 2003, Genesis and contamination of the Kodiak batholith, Kodiak Island, Alaska: using ^{18}O to quantify the assimilated component of the batholith: Geological Society of America Abstracts with Programs, v. 35, no. 6, p. 325.
http://gsa.confex.com/gsa/2003AM/finalprogram/abstract_59536.htm
- Farris, D.W., Paterson, S.R., Haeussler, P.J., and Friedman, R., 2003, Slab-window segmentation and the evolution of the Sanak-Baranof belt: an example from Kodiak Island, AK: Geological Society of America Abstracts with Programs, v. 35, no. 6, p. 428.
http://gsa.confex.com/gsa/2003AM/finalprogram/abstract_61608.htm
- Bruhn, R.L., and Haeussler, P.J., 2003, Deformation of Cook Inlet forearc basin, south-central Alaska: dextral transpression within a convergent margin: Geological Society of America Abstracts with Programs, v. 35, no. 6, p. 429.
http://gsa.confex.com/gsa/2003AM/finalprogram/abstract_60619.htm
- Matmon, A., Schwartz, D., Stenner, H., Lienkamper, J., Dawson, T., Haeussler, P., Staft, L., and Finkel, R., 2004, Determining Holocene and late Pleistocene slip rates along the Denali fault using Cosmogenic 10Be analysis of boulders on displaced moraines: Geological Society of America Abstracts with Programs, v. 36, no. 5, p. 137.
http://gsa.confex.com/gsa/2004AM/finalprogram/abstract_74437.htm
- Zumsteg, C.L., Karl, S.M., Haeussler, P.J., and Himmelberg, G.R., 2004, Recognition of three metamorphic events within the Wales Group on Prince of Wales and Dall Islands, southeastern Alaska: Geological Society of America Abstracts with Programs, v. 36, no. 5, p. 135. http://gsa.confex.com/gsa/2004AM/finalprogram/abstract_79213.htm
- Haeussler, P.J., 2005, What made Mt. McKinley so tall? Structural geology of the high peaks of the Alaska Range: Alaska Geology v.35, no. 8 pg 1.
- Haeussler, Peter J., 2005, What made Denali so tall? Structural geology of the high peaks of the Alaska Range: Geological Society of America Abstracts with Programs, v. 37. no. 7, p. 79.
http://gsa.confex.com/gsa/2005AM/finalprogram/abstract_91305.htm
- Haeussler, Peter J., 2005, Geologic overview of the 1964 M9.2 Great Alaska earthquake: Announcer, v. 35, p. 83.
- Haeussler, Peter J., 2005, Three-dimensional surface rupture maps of the 3 November 2002 M7.9 Denali Fault earthquake produced using digital photogrammetry: EOS Trans. AGU, v. 86(52), Fall Meeting Supplement, Abstract S41B-0979.
- Schwartz, D.P., Haeussler, P.J., Seitz, G.G., Dawson, T.E., Stenner, H.D., Matmon, A., Crone, A.J., Personius, S., Burns, P.B., Cadena, A., Thoms, E., 2005, Unraveling the earthquake

- history of the Denali Fault system, Alaska: filling a blank canvas with paleoearthquakes: EOS Trans. AGU, v. 86(52), Fall Meeting Supplement, Abstract U42A-06.
- Lee, H., Ryan, H., Kayen, R.E., Haeussler, P.J., Dartnell, P. & Hampton, M.A., 2005, Varieties of submarine failure morphologies of seismically-induced landslides in Alaskan fjords: 2nd. International Conference on Submarine Mass Movements and Their Consequences 2005, Oslo, Norway: <http://www.geologi.no/submarine2005/>
- Ayuso, R.A., Haeussler, P.J., Bradley, D.C., Farris, D.W., and Colvin, A.S., 2005, Effects of ridge subduction on chemical and isotopic zoning of the Kodiak batholith, southern Alaska: Geological Society of America Abstracts with Programs, v. 37, no. 7, p. 80.
http://gsa.confex.com/gsa/2005AM/finalprogram/abstract_90491.htm
- Farris, David W., Haeussler, Peter J., and Ullrich, T., 2005, The Kodiak batholith and the trenchward Ghost Rocks Fm. Magmatic belt, Kodiak Island, AK: tectonic juxtaposition or two discrete events?: Geological Society of America Abstracts with Programs, v. 37, no. 7, p. 80. http://gsa.confex.com/gsa/2005AM/finalprogram/abstract_94651.htm
- Karl, S.M., Haeussler, P.J., Friedman, R.M., Layer, P.W., Zumsteg, C.L., White, T.S., 2006, Post-Eocene igneous and tectonic effects of spreading center subduction under southeast Alaska: Far-field effects of early Tertiary ridge subduction in Alaska: GSA Abstracts with Programs, Specialty Meeting No. 2, p. 52.
http://gsa.confex.com/gsa/06boa/finalprogram/abstract_101275.htm
- Bradley, D.C., Friedman, R.M., Layer, P.W., Haeussler, P.J., Till, A.B., Roeske, S.M., Miller, M.L., 2006, Far-field effects of early Tertiary ridge subduction in Alaska: GSA Abstracts with Programs, Specialty Meeting No. 2, p. 91.
http://gsa.confex.com/gsa/06boa/finalprogram/abstract_101361.htm
- Haeussler, Peter J., and O'Sullivan, Paul B., 2006, Synchronous exhumation of the Tordrillo Mountains and Mt. McKinley (Denali), Alaska, around 6 Ma: GSA Abstracts with Programs, v. 38, no. 5, p. 96. http://gsa.confex.com/gsa/2006CD/finalprogram/abstract_104294.htm
- McGill, A., and Haeussler, P.J., 2006, An attempt at mass balancing volume of exhumed rock from the central and western Alaska Range with the volume of Pliocene and Quaternary sediments deposited in basins of south-central Alaska: GSA Abstracts with Programs Vol. 38, No. 5, p. 97. http://gsa.confex.com/gsa/2006CD/finalprogram/abstract_104295.htm
- Karl, S.M., Haeussler, P.J., Friedman, R.M., Mortensen, J.K., Himmelberg, G.R., Zumsteg, C.L., 2006, Late Proterozoic ages for rocks on Mount Cheetdeekahyu and Admiralty Island, Alexander terrane, southeast Alaska: GSA Abstracts with Programs Vol. 38, No. 5, p. 20.
http://gsa.confex.com/gsa/2006CD/finalprogram/abstract_104546.htm
- Suleimani, E., Lee H.J., Haeussler, P.J., and Hansen, R.A., 2006, Numerical modeling of submarine landslide-generated tsunamis as a component of the Alaska Tsunami Inundation Mapping Project: EOS Trans. AGU, v. 87(52), Fall Meeting Supplement, Abstract OS33E-01.
- Lee, H.J., Ryan, H.F., Suleimani, E., Haeussler, P.J., Kayen, R.E., Hampton, M.A., 2006, Massive submarine slope failures during the 1964 earthquake in Port Valdez, Alaska: EOS Trans. AGU, v. 87(52), Fall Meeting Supplement, Abstract OS43C-0672.
- Haeussler, P.J., Lee, H.J., Ryan, H.F., Kayen, R.E., 2006, Submarine slope failures near Seward, Alaska, during the M9.2 1964 earthquake: EOS Trans. AGU, v. 87(52), Fall Meeting Supplement, Abstract OS33E-08.