

BIBLIOGRAPHY Georgia PE-PIPER

Papers in Refereed Journals

[most important work in bold type] [*students or other trainees]

1. Pe, G.G. and Piper, D.J.W., 1972: Vulcanism at subduction zones; The Aegean area. Bull. Geol. Soc. Greece, 9, 113-144.
2. Pe, G.G., 1973: Geochemistry and chemical mineralogy of the lavas of Crommyonia. Ann. Geol. Pays. Hellen., 24, 179-191.
3. Pe, G.G., 1973: Petrology and geochemistry of volcanic rocks of Aegina, Greece. Bull. Volc., 37, 491-514.
4. Pe, G.G., 1974: Volcanic rocks of Methana, South Aegean Arc, Bull. Volc., 38, 270-290.
5. Pe, G.G., 1975: Strontium isotope ratios in volcanic rocks from the northwest part of the Hellenic arc. Chemical Geology, 15, 53-60.
6. **Pe, G.G. and Gledhill, A., 1975: Strontium isotope ratios in volcanic rocks from the southeastern part of the Hellenic arc. Lithos, 8, 209-214.**
7. Pe, G.G. and Piper, D.J.W., 1975: Textural recognition of mudflow deposits. Sedimentary Geology, 13, 303-306.
8. Pe, G.G. and Panagos, A., 1976: Comparative geochemistry of the northern Euboecos lavas. Bull. Geol. Soc. Greece, 12, 95-133.
9. Panagos, A., Pe, G.G. and Kontopoulos, N., 1976: The Neogene sediments of Afyssos (Sparti). Bull. Geol. Soc. Greece, 12, 3-28.
10. Piper, D.J.W., Panagos, A., Kontopoulos, N. and Pe, G.G., 1976: Depositional environments of Pliocene littoral sediments, Gythion, Southern Peloponnese, Greece. Z. dt. geol. Ges., 127, 435-444.
11. Piper, D.J.W. and Pe, G.G., 1977: Cenozoic clay mineralogy from D.S.D.P. holes on the continental margin of the Australia - New Zealand sector of Antarctica. N. Z. Journal of Geology and Geophysics, 20, 905-917.
12. **Clarke, D.B., Pe, G., MacKay, R.M., Gill, K.R., O'Hara, M.J. and Gard, J.A., 1977: A new potassium-iron-nickel sulphide from a nodule in kimberlite. Earth and Planetary Science Letters, 35, 421-428.**
13. Panagos, A. and Pe, G.G., 1977: Chert concretions at Antroni (Ilia). Bull. Geol. Soc. Greece, 13, 55-70.
14. Piper, D.J.W., Panagos, A. and Pe, G.G., 1977: Conglomeratic Miocene Flysch, Western Greece. J. Sedimentary Petrology, 48, 117-126.
15. **Pe-Piper, G., 1977: Source of the Miocene ignimbrites of Lesbos as shown by tephra orientations. In: Proceedings of the VI Colloquium on the geology of the Aegean Region, Athens, 1977.**
16. Piper, D.J.W., Panagos, A.G. and Pe, G.G., 1977: Miocene flysch between Lake Trichonis and the Gulf of Patras, Greece. In: Proceedings of the VI Colloquium on the geology of the Aegean region, Athens, 1977.
17. Panagos, A., Pe, G.G. and Varnavas, S.P., 1978: The volcanic rocks of Strymonikon – Metamorphosis, Central Macedonia, Greece. Chem. Erde, 37, 50-61.

18. Panagos, A.G., Pe, G.G. and Gerouki, F., 1978: Detrital mineralogy of river sands, Peloponnese, Greece. *N. Jb. Miner. Mh.*, 1978, 447-454.
19. Piper, D.J.W., Panagos, A.G. and Pe-Piper, G., 1978: Lithostratigraphy of Miocene flysch between Limni Trichonis and the Gulf of Patras. *N. Jb. Geol. Palaont. Mh.*, 1978, 612-620.
20. Pe-Piper, G. and Piper, D.J.W., 1979: Plio-Pleistocene age of high-potassium volcanism in the northwestern part of the Hellenic arc. *Tschermaks Min. Petr. Mitt.*, 26, 163-165.
21. Panagos, A., Pe, G.G. and Kontopoulos, N., 1979: The mineralogy and sedimentation environment of Neogene marls. *N. Jb. Miner. Mh.*, 134, 265-273.
22. Panagos, A., Pe, G.G., Piper, D.J.W. and Kotopouli, K.N., 1979: Age and stratigraphic subdivision of the Phyllite Series, Krokee region, Peloponnese, Greece. *N. Jb. Palaont.*, 134, 265- 273.
23. Pe, G.G. and Panagos, A.G., 1979: Heavy mineralogy of river and beach sands, continental Greece. *N. Jb. Miner. Mh.*, 136, 254-261.
24. Piper D.J.W. and Pe-Piper, G., 1980: Was there a western (external) source of terrigenous sediment for the Pindos zone of the Peloponnese (Greece)? *N.Jb. Geol. Palaont. Mh.*, H2, 197-215.
25. **Pe-Piper G., 1980: Geochemistry of the Miocene shoshonitic suite of Lesbos, Greece. *Contr. Min. Pet.*, 72, 387-396.**
26. Pe-Piper, G., 1980: The Cenozoic volcanic sequence of Lesbos, Greece. *Z. Dt. Geol. Ges.*, 131, 889-901.
27. Pe-Piper, G. and Piper, D.J.W., 1980: Paleomagnetic stratigraphy of the Miocene volcanic rocks of Lesbos, Greece. *Sixth Colloquium on Geology of the Aegean Region. Piri Reis International Contribution Series, publication No. 2., Izmir, Turkey*, p. 511-516.
28. Pe-Piper, G. and Kotopouli, K.N., 1981: Very low grade metamorphism of (?)Triassic volcanics west Hellenic Nappes, Southern Peloponnese, Greece. *Geological Society of American Bulletin*, 92 (12), 1762-1806.
29. Pe-Piper G., Panagos, A.G. and Varnavas, S., 1981: The volcanic rocks of Melidoni (Lokris, Greece). *N. Jb. Miner. Abh.*, 143, 102-111.
30. Pe-Piper, G., Panagos, A.G., Piper, D.J.W. and Kotopouli, K.N., 1982: The (?)Mid-Triassic volcanic rocks of Lakonia, Greece. *Geol. Mag.*, 119, 77-85.
31. **Pe-Piper, G., 1982: Geochemistry, tectonic setting and metamorphism of mid-Triassic volcanic rocks of Greece. *Tectonophysics*, 85, 253-272.**
32. Piper, D.J.W., Pe-Piper, G., Kontopoulos, N. and Panagos, A.G., 1982: Plio-Pleistocene sedimentation in the Western Lakonia graben, Greece. *N. Jb. Geol. Palaont.*, Mh. 11, 679-691.
33. Pe-Piper, G., 1983: Triassic shoshonites and andesites, Lakmon Mountains western continental Greece: differences in primary geochemistry and sheet silicate alteration products. *Lithos*, 16, 23-33.
34. Clarke, D.B. and Pe-Piper, G., 1983: Multiply exsolved clinopyroxene megacrysts from the Frank Smith mine, Cape Province, South Africa. *Lithos*, 16, 75-84.
35. Clarke, D.B., Muecke, G.K. and Pe-Piper, G., 1983: The lamprophyres of Ubekendt Ejland, West Greenland: products of renewed partial melting or extreme differentiation? *Contr. Min. Pet.*, 83, 117-127.

36. Pe-Piper, G., Piper, D.J.W. and Reynolds, P.H., 1983: Paleomagnetic stratigraphy and radiometric dating of the Pliocene volcanic rocks of Aegina, Greece. *Bull. Volc.*, 46, 1-7.
37. **Pe-Piper, G., 1984: Zoned pyroxenes from shoshonite lavas of Lesbos, Greece: inferences concerning shoshonite petrogenesis. *J. Petrology*, 25, 453-472.**
38. Pe-Piper, G., 1983: The Triassic volcanic rocks of Tyros, Zarouhla, Kalamae, Epidavros, Peloponnese, Greece. *Schweiz. Mineral. Petrograph. Mitt.*, 63, 249-266.
39. Pe-Piper, G., 1984: Low-grade metamorphic minerals from the Triassic volcanic rocks of Tyros, Zarouhla, and Kalamae, Peloponnese, Greece. *N. Jb. Miner. Abh.*, 149, 163-175.
40. Jansa, L.F. and Pe-Piper, G., 1985: Early Cretaceous volcanism on the Northeastern American margin and implications for plate tectonics. *Geol. Soc. Am. Bull.*, 96, 83-91.
41. Pe-Piper, G. and Piper, D.J.W., 1984: Tectonic setting of the Mesozoic Pindos Basin of the Peloponnese, Greece. *Special Publication of the Geological Society of London*, 17, 563-567.
42. Pe-Piper, G. and Piper, D.J.W., 1985: Late-Cenozoic clays and climatic change in the postorogenic Lakonia Graben, Southern Greece. *N. Jb. Miner. Abh.*, 151, 301-313.
43. Pe-Piper, 1985: Dioctahedral micas in the Triassic metavolcanics of western Greece. *Canadian Mineralogist*, 23, 598- 608.
44. Pe-Piper, G. and Jansa, L.F., 1986: Triassic olivine- normative diabase from Northumberland Strait, Eastern Canada: implications for continental rifting. *Can. J. Earth Sci.*, 23, 1013-1021.
45. Pe-Piper, G., 1987: The Jeffers Group, western Cobequid Hills, Nova Scotia. In: *Current Research, Part A, Geological Survey of Canada, Paper 87-1A*, 573-580.
46. **Jansa, L.F. and Pe-Piper, G., 1987: Identification of an underwater extraterrestrial impact crater. *Nature*, 327, 612-614.**
47. Pe-Piper, G. and Piper D.J.W., 1987: The pre-Carboniferous rocks of the western Cobequid Hills, Avalon zone, Nova Scotia. *Maritime Sediments and Atlantic Geology*, 23, 41-48.
48. **Pe-Piper, G. and Jansa, L.F., 1987: Geochemistry of the late Middle Jurassic-Early Cretaceous igneous rocks on the eastern North American margin. *Bulletin of the Geological Society of America*, 99, 803-813.**
49. Pe-Piper, G. and Jansa, L.F., 1988: The origin of complex mantling relationships in clinopyroxene from the New England seamounts. *Canadian Mineralogist*, 26(1), 109-116.
50. Jansa, L.F. and Pe-Piper, G., 1988: Middle Jurassic to Early Cretaceous igneous rocks along Eastern North American continental margin. *Bulletin of the American Association of Petroleum Geologists*, 72, 347-366.
51. Murphy, J.B., Pe-Piper, G., Nance, R.D. and Turner*, D., 1988: A preliminary report on geology of the Eastern Cobequid Highlands, Nova Scotia. *Current Research, Part B, Geological Survey of Canada Paper 88-1B*, 99-107.
52. **Pe-Piper, G., 1988: The calcic amphiboles of the Jeffers Brook plutonic complex, Nova Scotia. *American Mineralogist*, 73, 993-1006.**
53. Pe-Piper G. and Piper, D.J.W., 1989: The Upper Hadrynian Jeffers Group, Cobequid Highlands, Avalon zone of Nova Scotia: a back -arc volcanic complex. *Bulletin of the Geological Society of America*, 101, 364-376.
54. Jansa, L.F., Pe-Piper, G., Robertson, P.B. and Friedenreich, O., 1989: Montagnais: a submarine meteorite impact structure on the Scotian Shelf, Eastern Canada. *Bulletin of the Geological Society of America*, 101, 450-463.

55. **Pe-Piper, G. and Loncarevic, B., 1989: Offshore continuation of Meguma terrane, southwest Nova Scotia. Canadian Journal of Earth Sciences, 26, 176-191.**
56. Pe-Piper, G. and Turner*, D.S., 1988: The Hanna Farm pluton, Cobequid Highlands: petrology and significance for motion on the Kirkhill fault. *Maritime Sediments and Atlantic Geology*, 24, 171-183.
57. Pe-Piper, G., Cormier, R.F. and Piper, D.J.W., 1989: The age and significance of Carboniferous plutons of the Western Cobequid Hills, Nova Scotia. *Canadian Journal of Earth Sciences*, 26, 1308-1318.
58. Pe-Piper G. and Panagos, A.G., 1989: Geochemical characteristics of the Triassic volcanic rocks of Evia, Greece: Petrogenetic and tectonic implications. *Ophioliti*, 14, 33-50.
59. Waldron, J.W.F, Piper, D.J.W. and Pe-Piper, G., 1989: Deformation of the Cape Chignecto Pluton, Cobequid Highlands, Nova Scotia: Thrusting at the Meguma-Avalon Boundary. *Atlantic Geology*, 25, 51-62.
60. Pe-Piper, G. and Murphy, J.B., 1989: Geochemistry and tectonic setting of the Late Precambrian Folly River Formation, Cobequid Highlands, Avalon Terrane, Nova Scotia: a continental rift within a volcanic-arc environment. *Atlantic Geology*, 25, 143-151.
61. **Pe-Piper, G. and Piper, D.J.W., 1989: Spatial and temporal variation in Late Cenozoic back-arc volcanic rocks, Aegean Sea Region. Tectonophysics, 169, 113-134.**
62. Pe-Piper, G. and Piper, D.J.W., 1989: The geological significance of manganese distribution in Jurassic-Cretaceous rocks of the Pindos Basin, Peloponnese, Greece. *Sedimentary Geology*, 65, 127-137.
63. Kotopouli, C.N. and Pe-Piper, G., 1989: Chemical composition of pargasite and hornblende in low to high grade metamorphic rocks of the Rhodope Zone, Xanthi, Greece. *Mineralogy and Petrology*, 40, 275-288.
64. Kotopouli, C.N. and Pe-Piper, G., 1989: Geochemical characteristics of felsic intrusive rocks within the Hellenic Rhodope: a comparative study and petrogenetic implications. *Neues Jahrbuch für Mineralogie*, 161, 141-169.
65. Pe-Piper, G., Murphy, J.B. and Turner*, D.S., 1989: Petrology and Geochemistry of some Carboniferous Plutons of the Eastern Cobequid Hills. *Atlantic Geology*, 25, 37-49.
66. Tsikouras*, B., Pe-Piper, G., and Hatzipanagiotou, K., 1990: A new date for an ophiolite on the northeastern margin of the Vardar Zone, Samothraki, Greece. *Neues Jahrbuch für Mineralogie Mh.*, H.11, 521-527.
67. Pe-Piper G., Piper, D.J.W., Keen, M.J., and McMillan, N.J., 1990: Igneous rocks of the Eastern Canadian continental margin. Chapter 2 in: *Geology of the continental margin off Eastern Canada*, M.J.Keen and G.L. Williams (ed.); Geological Survey of Canada, *Geology of Canada*, no.2., 75-85.
68. Pe-Piper, G. and Koukouvelas*, I. 1990. Petrology and geochemistry of granitic pebbles in the Pliocene fluvial deposits of the northwest Peloponnese (Greece) and their regional significance. *Neues Jahrbuch für Mineralogie Abhandlungen*, 161, 327-343.
69. Pe-Piper, G. and Mavronichi, M., 1990. Petrology, geochemistry and regional significance of the Triassic volcanic rocks of the Western Parnassos isopic zone of Greece. *Ophioliti*, 15, 269-285.
70. Kotopouli, C.N. and Pe-Piper, G., 1991: Geochemistry of the Paranestion volcanic rocks, Hellenic Rhodope, Greece. *Chemie der Erde*, 51, 13-22.

71. Pe-Piper, G. and Kotopouli, C.N. 1991. Geochemical characteristics of the Triassic igneous rocks of the island of Samos, Greece. *Neues Jahrbuch für Mineralogie Abhandlungen*, 162, 135-150.
72. Pe-Piper, G. 1991. Granite and associated mafic phases, North River Pluton, Cobequid Highlands. *Atlantic Geology*, 27, 15-28.
73. Pe-Piper, G. and Tsolis-Katagas, P. 1991. K-rich mordenite from Late Miocene rhyolitic tuffs, island of Samos, Greece. *Clays and Clay Minerals*, 39, 239-247.
74. Keen, C.E., Kay, W.A., Keppie, D., Marillier, F., Pe-Piper, G. and Waldron, J.W.F. 1991. Deep seismic reflection data from the Bay of Fundy and Gulf of Maine: Tectonic implications for the Northern Appalachians. *Canadian Journal of Earth Sciences*, 28, 1096-1111.
75. **Koukouvelas*, I. and Pe-Piper, G., 1991. The Oligocene Xanthi pluton, Northern Greece: A granodiorite emplaced during regional extension. *Journal of the Geological Society, London*, 148, 749-758.**
76. **Pe-Piper, G. and Piper, D.J.W., 1991. Early Mesozoic oceanic subduction-related volcanic rocks, Pindos Basin, Greece. *Tectonophysics*, 192, p.273-292.**
77. Pe-Piper, G. 1991. Magnesian andesites from the island of Skyros, Greece: geochemistry and regional significance. *Geological Magazine*, 128, 585-593.
78. Pe-Piper, G., Piper, D.J.W. and Clerk*, S.B. 1991. Persistent mafic igneous activity in an A-type granite pluton, Cobequid Highlands, Nova Scotia. *Canadian Journal of Earth Sciences*, 28, 1058-1072.
79. Pe-Piper, G. 1991: Petrology and origin of Mesozoic dioritic rocks from the island of Skyros, Greece. *Ofioliti*, 16, 111-119.
80. Pe-Piper, G. and Koukouvelas*, I. 1992: Petrology, geochemistry and regional geological significance of igneous clasts in Parnassos flysch, Amphissa area, Greece. *Neues Jahrbuch für Mineralogie Abhandlungen*, 64, 94-112.
81. Kotopouli, C.N., Pe-Piper, G. and Katagas, C.G. 1991: The metamorphism and migmatization of the Xanthe-Echinos metamorphic complex, Central Rhodope, Greece. *Lithos*, 27, 79-93.
82. **Pe-Piper, G., Jansa, L.F. and Lambert, R. St.J. 1992. Early Mesozoic magmatism on the Eastern Canadian Margin: Petrogenetic and tectonic significance. *Special Publication of the Geological Society of America on "Mesozoic Magmatism of Eastern North America" edited by J.H. Puffer and P. Ragland*, 268, 13-36.**
83. Pe-Piper, G. and Koukouvelas, I., 1992: Discussion on the Oligocene Xanthi pluton, northern Greece: a granodiorite emplaced during regional extension. *Journal of the Geological Society, London*, 149, 855-857.
84. **Pe-Piper, G. and Piper, D.J.W., 1992: Geochemical variation with time in the Cenozoic high-K volcanic rocks of the island of Lesbos, Greece: significance for shoshonite petrogenesis. *Journal of Volcanology and Geothermal Research*, 53, 371-387.**
85. Pe-Piper, G. and Murphy, J.B., 1992: Late Proterozoic high-titanium basalts in the Avalon zone of Nova Scotia, Canada. *Canadian Mineralogist*, 30, 1167-1176.
86. Murphy, J.B., Pe-Piper, G., Keppie, J.D. and Piper, D.J.W., 1992: Correlation of Late Precambrian sequences in the Avalon Terrane of mainland Nova Scotia: tectonic implications. *Atlantic Geology*, 28, 143-151.

87. Pe-Piper, G. and Piper, D.J.W., 1993: Revised stratigraphy of the Miocene volcanic rocks of Lesbos, Greece. *Neues Jahrbuch für Geologie und Palaontologie, Mh.*, H.2, 97-110.
88. Piper, D.J.W., Mavronichi, M. and Pe-Piper, G., 1993-1995: Regional variation in illite "crystallinity" in the nappe sequence of the Peloponnese, Greece. *Annales géologiques des pays helléniques*, 36, 215-221.
89. Pe-Piper, G., 1993: Triassic igneous rocks of the Edipsos section, Evia (Greece) include high-Ca boninites associated with early oceanic rifting. Special Publication in honour of Professor A.G. Panagos, Technical University of Athens, 663-691.
90. Pe-Piper and Hatzipanagiotou K., 1993: Ophiolitic rocks of the Kerassies-Milia belt, continental Greece. *Ophioliti*, 18 (2), 157-169.
91. Pe-Piper, G., Doutsos, T. Mporonkay*, C., 1993: Structure, geochemistry and mineralogy of Hercynian granitoid rocks of the Verdikoussa area, Northern Thessaly, Greece and their regional significance. *Neues Jahrbuch für Mineralogie Abhandlungen*, v. 165, p. 267-296.
- 92. Doutsos, T., Pe-Piper, G., Boronkay*, K. and Koukouvelas, I., 1993: Kinematics of the Central Hellenides. *Tectonics*, 12, 936-953.**
93. Pe-Piper, G., Doutsos, T. and Mijara*, A. 1993: Petrology and regional significance of the Hercynian granitoid rocks of the Olympiada area, northern Thessaly, Greece. *Chemie der Erde*, 53, 21-36.
94. Jansa, L.F., Pe-Piper, G. and Loncarevic, B., 1993: Appalachian basement and its intrusion by Cretaceous dykes, offshore southeast Nova Scotia, Canada. *Canadian Journal of Earth Sciences*, 30, 2495-2509.
95. Piper, D.J.W., Pe-Piper, G. and Loncarevic, B.D., 1993: Devonian-Carboniferous igneous intrusions and their deformation, Cobequid Highlands, Nova Scotia. *Atlantic Geology*, 29, 219-232.
- 96. Pe-Piper, G. and Piper, D.J.W., 1994: Miocene magnesian andesites and dacites, Evia, Greece: adakites associated with subducting slab detachment and extension. *Lithos*, 31, 125-140.**
- 97. Pe-Piper, G., 1994: Lead isotope composition of Neogene back-arc volcanic rocks, Aegean Sea. *Chemical Geology*, 118, 27-41.**
98. Pe-Piper, G. and Kotopouli, C.N., 1994: Paleozoic volcanic rocks of Chios, Greece: record of a Paleotethyan suture. *Neues Jahrbuch für Mineralogie Mh.*, H.1, 23-29.
- 99. Pe-Piper, G., Jansa, L.F. and Palacz, Z., 1994: Geochemistry and regional significance of the early Cretaceous bimodal basalt-felsic associations on Grand Banks, eastern Canada. *Bulletin of Geological Society of America*, 106, 1319-1331.**
- 100. Pe-Piper, G., 1994: Women in Earth Science/Geology departments of Canadian Universities: 1983-1992. *Geoscience Canada*, 21, 125-128.**
101. Pe-Piper, G., 1994: An introduction to "Women in Geoscience: the next decade". *Geoscience Canada*, 21, 119-122.
102. Hatzipanagiotou, K., Pe-Piper, G., and Pyrgiotis, L., 1994. The sub-ophiolitic amphibolitic rocks from the Dafnospilia-Kedros area, western Thessaly, Greece. *Neues Jahrbuch für Mineralogie Abhandlungen*, H.9, 391-402.
- 103. Pe-Piper, G., Piper, D.J.W., Kotopouli, C. and Panagos, A.G., 1994. Neogene volcanoes of Chios, Greece: the relative importance of subduction and back-arc extension. *Journal of the Geological Society, London, Special Publication No. 81*, 213-231.**

104. Hatzipanagiotou, K. and Pe-Piper, G., 1995. Ophiolitic and sub-ophiolitic rocks of the Vatera area, southern Lesbos (Greece): petrology and geochronology. *Ofioliti*, 20 (1), 17-29.
105. Eleftheriadis, G., Pe-Piper, G. and Christofides, G., 1995: Petrology of the Philippi granitoid rocks and their microgranular enclaves (east Macedonia, North Greece). Geological Society of Greece, Special Publication No. 4, 512-517
106. **Koukouvelas, I., Pe-Piper, G. and Piper, D.J.W., 1996: Pluton emplacement by wall-rock thrusting and roof lifting: Devonian-Carboniferous plutons of the Cobequid fault zone, Nova Scotia, Canada. *Geological Magazine*, 133, 285-298.**
107. Pe-Piper, G., Piper, D.J.W. and Koukouvelas, I., 1996: The Precambrian plutons of the Cobequid Highlands, Nova Scotia, Canada. In Nance, R.D., and Thompson, M.D., eds., *Avalonian and Related Peri-Gondwanan Terranes of the Circum-North Atlantic*: Boulder, Colorado, Geological Society of America Special Paper 304, 121-132.
108. Piper, D.J.W., Pe-Piper, G. and Pass*, D.J., 1996: The stratigraphy and geochemistry of late Devonian to early Carboniferous volcanic rocks of the northern Chignecto peninsula, Cobequid Highlands, Nova Scotia. *Atlantic Geology*, 32, 39-52.
109. Doig, R., Murphy, J.B., Pe-Piper, G. and Piper, D.J.W., 1996: U-Pb geochronology of Late Paleozoic plutons, Cobequid Highlands, Nova Scotia, Canada: evidence for Late Devonian emplacement adjacent to the Meguma-Avalon terrane boundary in the Canadian Appalachians. *Geological Journal*, 31, 179-188.
110. St. Seymour, K., Tsikouras, V., Kotopouli, K., Hatzipanagiotou, K. and Pe-Piper, G., 1996: A window to the operation of microplate tectonics in Tethys Ocean: the geochemistry of the Samothrace granite, Aegean Sea. *Mineralogy and Petrology*, 56, 251-272.
111. Pe-Piper, G., Matarangas, D. and Jacobshagen, V., 1996: The Mesozoic metavolcanic rocks of Alonisos and Kyra Panagia islands, Sporades, Greece. *Neues Jahrbuch fur Mineralogie, Jg. 1996, H.6*, 251-263.
112. Pe-Piper, G., Kotopouli, C.N. and Piper, D.J.W., 1997: Granitoid rocks of Naxos: regional geology and petrology. *Geological Journal*, 32, 153-171.
113. Pe-Piper, G. and Kotopouli, C.N., 1997: Geochemistry of metamorphosed mafic rocks from Naxos (Greece): The pre-Cenozoic history of the Cycladic crystalline belt. *Ofioliti*, 22, 239-249.
114. **Pe-Piper, G. and Hatzipanagiotou, K. 1997: The Pliocene volcanic rocks of Crommyonia, western Greece and their implications for the early evolution of the South Aegean arc. *Geological Magazine*, 134, 55-66.**
115. **Pe-Piper, G., Koukouvelas, I. and Piper, D.J.W., 1998: Synkinematic granite emplacement in a shear zone: the Pleasant Hills pluton, Canadian Appalachians. *Bulletin of the Geological Society of America*, 110, 523-536.**
116. Haysom*, S.J., Horne, R. and Pe-Piper, G., 1997: The opaque mineralogy of the Meguma Group metasediments, Beaverbank-Rawdon area, Nova Scotia. *Atlantic Geology*, 33, 105-120.
117. **Pe-Piper, G. and Jansa, L.F., 1999. Pre-Mesozoic basement rocks offshore Nova Scotia, Canada: new constraints on the origin and Paleozoic accretionary history of the Meguma terrane. *Bulletin of the Geological Society of America*, v. 111, 1773-1791.**

118. Eleftheriadis, G., Pe-Piper, G., Christofides, G., Soldatos, T., and Esson, J., 1994: K-Ar dating of the Samothraki volcanic rocks, Thrace, North-Eastern Aegean (Greece). *Bulletin of the Geological Society of Greece*, XXX/1, 205-212.
119. Harkovska, A.V., Panteva, V.A. and Pe-Piper, G., 1997: New geological, petrochemical and geochemical data on the Paleogene volcanic rocks from the villages of Tatavero and Garvanovo, Haskovo district (NE Rhodope, Bulgaria). In: *Review of the Bulgarian Geological Society*, 58, 2, 83-94.
120. Feetham*, M., Ryan, R.J., Pe-Piper, G. and O'Beirne-Ryan, A.M., 1997: Lithogeochemical characterization of the Beaverbank Unit of the Halifax Formation, Meguma Group, and acid drainage implications. *Atlantic Geology*, 33, 133-141.
- 121. Pe-Piper, G., 1998: The nature of Triassic extension-related magmatism in Greece: evidence from Nd and Pb isotope geochemistry. *Geological Magazine*, 135, 331-348.**
122. Pe-Piper, G., Christofides, G. and Eleftheriadis, G., 1998: Lead and Neodymium isotopic composition of early Tertiary igneous rocks of northern Greece and their regional significance. *Acta Vulcanologica*, Special Issue on Tertiary Magmatism of the Rhodope Massif, 10(2), 255-263.
123. Nedialkov, R. and Pe-Piper, G., 1998: Petrology of the volcanism in the southeastern part of the Momchilgrad-Ardino volcanic region, southeastern Bulgaria. *Acta Vulcanologica*, Special Issue on Tertiary Magmatism of the Rhodope Massif, 10(2), 243-253.
124. Harkovska, A., Pe-Piper, G., Stoykova, K., Nedyalkov, R. and Moskovski, S., 1998: Late Oligocene, (early Chattian) epiclastics and lava bodies of intermediate composition from the eastern Rhodopes (Bulgaria). *Comptes rendus de l'Academie bulgare des Sciences*, 51, No.7-8, 53-56.
125. Pe-Piper, G. and Piper, D.J.W., 1998: Geochemical evolution of Devonian-Carboniferous igneous rocks of the Magdalen basin, Eastern Canada: Pb and Nd isotope evidence for mantle and lower crustal sources. *Canadian Journal of Earth Sciences*, 35, 201-221.
126. Varti-Mataranga, M. and Pe-Piper, G., 1998: Geochemistry of upper Triassic black dolomites of the SE Peloponnese (Greece), and their relationship to the volcanic activity of the area. *Neues Jahrbuch für Mineralogie Abhandlungen*, Jg.1998(7), 305-327.
127. Stea, R.R. and Pe-Piper, G., 1999: Using whole rock geochemistry to locate the source of igneous erratics from drumlins on the Atlantic Coast of Nova Scotia. *Boreas*, 28, 308-325.
128. Piper, D.J.W., Dessureau*, G. and Pe-Piper, G., 1999: Occurrence of early Carboniferous high Zr-rhyolites, Cobequid Highlands, Nova Scotia: temperature effect of a contemporaneous mafic magma. *Canadian Mineralogist*, 37, 619-634
129. Pe-Piper, G. and Piper, D.J.W., 1999: Were Jurassic tholeiitic lavas originally widespread in southeastern Canada? A test of the broad terrane hypothesis. *Canadian Journal of Earth Sciences*, 36, 1509-1516.
130. Christofides, G., Koroneos, A., Pe-Piper, G., Katirtzoglou, K. and Chatzikirkou, A., 1999. Pre-Tertiary A-Type magmatism in the Serbomacedonian massif (N. Greece): Kerkini granitic complex. *Bulletin of the Geological Society of Greece*, XXXIII, 131-148.
131. Kotopouli, C.N., Pe-Piper, G. and Piper, D.J.W., 2000: Petrology and evolution of the Hercynian Pieria granitoid Complex (Thessaly, Greece): paleogeographic and geodynamic implications. *Lithos*, 50, 137-152.

132. Dessureau*, G., Piper, D.J.W. and Pe-Piper, G., 2000: Geochemical evolution of earliest Carboniferous continental tholeiitic basalts along a crustal-scale shear zone, southwestern Maritimes basin, eastern Canada. *Lithos*, 50, 27-50.
133. Pe-Piper, G., 2000: Origin of S-type granites coeval with I-type granites in the Hellenic subduction system, Miocene of Naxos, Greece. *European Journal of Mineralogy*, 12, 859-875.
134. Pe-Piper, G., 2000: Mode of occurrence, chemical variation and genesis of mordenite and other associated zeolites from Morden, Nova Scotia, *Canadian Mineralogist*, 38, 1215-1232.
135. Piper, D.J.W. and Pe-Piper, G., 2001: Tectonic deformation and magmatism along the southern flank of the Maritimes Basin: the northeastern Cobequid Highlands, Nova Scotia. *Canadian Journal of Earth Sciences*, 38, 1215-1232.
136. Pe-Piper, G. and Reynolds, P.H., 2000: Early Mesozoic alkaline dykes, southwest of Nova Scotia, Canada, and their bearing on Triassic-Jurassic magmatism. *Canadian Mineralogist*, 38, 217-232.
137. Pe-Piper, G. and Wolde, B., 2000: Geochemistry of metavolcanic rocks of the Ross Island and Ingalls Head formations, Grand Manan Island, New Brunswick. *Atlantic Geology*, 36, 103-116.
138. Pe-Piper, G. and Ingram*, S., 2001. The New Cornwall syenogranite, Nova Scotia: petrology and geochemistry. *Atlantic Geology*, 37, 133-151.
139. Murphy, J.B., Pe-Piper, G., Piper, D.J.W., Nance, R.D. and Doig, R., 2001: Geology of the eastern Cobequid Highlands, Nova Scotia. *Geological Survey of Canada Bulletin* 556.
140. **Pe-Piper, G. and Piper, D.J.W., 2001: Late Cenozoic, post collisional Aegean igneous rocks: Nd, Pb and Sr isotopic constraints on petrogenetic and tectonic models. *Geological Magazine*, 138, 653-668.**
141. Pe-Piper, G., Piper, D.J.W., Matarangas, D. and Varti-Mataranga, M., 2001: The sub-ophiolitic melange of the island of Lesbos, Greece. *N. Jb. Miner. Mh.*, Jg.2001(6), 241-260.
142. Lamera, S., Seymour, K., Vamvoukakis, C., Kouli, M., Paraskevas, E. and Pe-Piper, G. 2001. The Polychnitos ignimbrite of Lesbos island. *Bulletin of the Geological Survey of Greece*, 34(3), 917-921.
143. **Koukouvelas, I., Pe-Piper, G. and Piper, D.J.W., 2002: The role of dextral transpressional faulting of an early Carboniferous mafic-felsic plutonic and volcanic complex: Cobequid Highlands, Nova Scotia, Canada. *Tectonophysics*, 348, 219-246.**
144. **Pe-Piper, G., Piper, D.J.W. and Matarangas, D., 2002: Regional implications of geochemistry and style of emplacement of Miocene I-type diorite and granite, Delos, Cyclades, Greece. *Lithos*, 60, 47-66.**
145. Dunning, G.R., Barr, S.M., Giles, P.S., Pe-Piper, G., McGregor, D.C. and Piper, D.J.W. , 2002: Chronology of Devonian to early Carboniferous rifting and igneous activity in southern Magdalen Basin based on U-Pb (zircon) dating. *Canadian Journal of Earth Sciences*, 39(8), 1219-1237.
146. Pe-Piper, G. and Miller*, L., 2002: Zeolite minerals from the North Shore of the Minas Basin, Nova Scotia. *Atlantic Geology*, 38, 11-28.
147. **Pe-Piper, G., and Piper, D.J.W., 2002: A synopsis of the geology of the Cobequid Highlands, Nova Scotia. *Atlantic Geology*, 38, 145-160.**

148. Pe-Piper, G., Matarangas, D., Reynolds, P.H. and Chatterjee, A.K., 2003: Shoshonites from Agios Nectarios, Lesbos, Greece: origin by mixing of felsic and mafic magma. *European Journal of Mineralogy*, 15, 117-125.
149. Landing, E., Pe-Piper, G., Kidd, W.S.F., and Azmy, K., 2003: Tectonic setting of outer trench slope volcanism: pillow basalt and limestone in the Taconian orogen of eastern New York. *Canadian Journal of Earth Sciences*, 40, 1773-1787.
150. Pe-Piper, G., 2003: A new series on the igneous rock associations of Canada. *Geoscience Canada*, 30, 58.
151. **Pe-Piper, G. and Piper, D.J.W., 2004: The effects of strike-slip motion along the Cobequid-Chedabucto SW Grand Banks fault system on the Cretaceous-Tertiary evolution of Atlantic Canada. *Canadian Journal of Earth Sciences*, 41, 799-808.**
152. Piper, D.J.W., Pe-Piper, G., and Ingram*, S., 2004: Early Cretaceous sediment failure in the southeastern Sable sub-basin, offshore Nova Scotia. *Bulletin of the American Association of Petroleum Geologists*, 88, 991-1006.
153. Pe-Piper, G., Tsikouras, B., and Hatzipanagiotou, K., 2004: Evolution of boninites and island-arc tholeiites in the Pindos ophiolite, Greece. *Geological Magazine*, 141, 455-469.
154. Pe-Piper, G., Reynolds, P.H., Nearing, J., and Piper, D.J.W., 2004. Early Carboniferous deformation and mineralisation in the Cobequid shear zone, Nova Scotia: an $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology study. *Canadian Journal of Earth Sciences*, 41, 1421-1426.
155. Pe-Piper, G., Piper, D.J.W., and Perissoratis, C., 2005: Neotectonics and the Kos Plateau Tuff eruption of 161 ka, South Aegean Arc. *Journal of Volcanology and Geothermal Research*, 139, 315-338.
156. Pe-Piper, G., and Piper, D.J.W., 2005: The South Aegean active volcanic arc: relationships between magmatism and tectonics. In Fytikas, M. and Vougioukalakis, G.E. (eds), *The South Aegean Active Volcanic Arc: Present Knowledge and Future Perspectives*, Developments in Volcanology, vol. 7, 113-133.
157. **Pe-Piper, G., Piper, D.J.W., and Dolansky*, L.M., 2005: Alteration of ilmenite in the Cretaceous sands of Nova Scotia, southeastern Canada. *Clay and Clay Minerals*, 53, 490-510.**
158. Pe-Piper, G., Dolansky, L., 2005: Early diagenetic origin of Al phosphate-sulfate minerals (woodhouseite-crandallite series) in terrestrial sandstones, Nova Scotia, Canada. *American Mineralogist*, 90, 1434-1441.
159. Pe-Piper, G., Dolansky*, L., Piper, D.J.W., 2005: Sedimentary environment and diagenesis of the lower-Cretaceous Chaswood Formation, southeastern Canada: The origin of kaolin-rich mudstones. *Sedimentary Geology*, 178, 75-97.
160. Piper, D.J.W., Pe-Piper, G. and Douglas*, E.V., 2005: Tectonic deformation and its sedimentary consequences during deposition of the Lower Cretaceous Chaswood Formation, Elmsvale basin, Nova Scotia. *Bulletin of Canadian Petroleum Geology*, 53, 189-199.
161. Ings*, S.J., MacRae, R.A., Shimeld, J.W., and Pe-Piper, G., 2005: Diagenesis and porosity reduction in the Late Cretaceous Wyandot Formation, offshore Nova Scotia: a comparison with Norwegian North Sea chalks. *Bulletin of Canadian Petroleum Geology*, 53, 237-249.
162. Pe-Piper, G., and Dolansky, L.M, 2005. Early diagenetic origin of Al phosphate-sulfate minerals (woodhouseite and crandalite series) in terrestrial sandstones, Nova Scotia,

- Canada. *American Mineralogist*, 90(8-9), 1434-1441.
<https://doi.org/10.2138/am.2005.1790>.
163. Gobeil*, J-P., Pe-Piper, G. and Piper, D.J.W., 2006: The West Indian Road pit, central Nova Scotia: Key to the Early Cretaceous Chaswood Formation. *Canadian Journal of Earth Sciences*, 43, 391-403.
 164. Pe-Piper, G. and Piper, D.J.W., 2006: Unique features of the Cenozoic igneous rocks of Greece. Dilek, Y. & Pavlides, (eds), *Postcollisional tectonics and magmatism in the Mediterranean region and Asia*. Geological Society of America, Special Paper 409, 259-282.
 165. Koukouvelas, I., Pe-Piper, G. and Piper, D.J.W., 2006: The relationship between length and width of plutons within the crustal-scale Cobequid Shear Zone, northern Appalachians, Canada. *International Journal of Earth Sciences*, 95, 963-976.
 166. Pe-Piper, G. and Photiades, A., 2006: Geochemical characteristics of the Cretaceous ophiolitic rocks of Ikaria island, Greece. *Geological Magazine*, 143, 417-429.
 167. **Pe-Piper, G. and MacKay, R.M., 2006: Provenance of Lower Cretaceous sandstones onshore and offshore Nova Scotia from electron microprobe geochronology and chemical variation of detrital monazite. *Bulletin of Canadian Petroleum Geology*, 54(4), 366-379.**
 168. Anastasakis, G. and Pe-Piper, G., 2006: An 18 m thick volcanoclastic bed in Pantelleria Trough, Sicily Channel, deposited from a mega-gravitational flow during the Green Tuff eruption. *Marine Geology*, 231, 391-403.
 169. Hundert*, T., Piper, D.J.W. and Pe-Piper, G., 2006: Genetic model and exploration guidelines for kaolin beneath unconformities in the Lower Cretaceous fluvial Chaswood Formation, Nova Scotia. *Exploration and Mining Geology*, 15(1-2), 9-26.
 170. Pe-Piper, G. and Piper, D.J.W., 2007: Late Miocene igneous rocks of Samos: the role of tectonism in petrogenesis in the southeastern Aegean. Taymaz, T., Yilmaz, Y. & Dilek, Y. (eds), *The Geodynamics of the Aegean and Anatolia*. Geological Society of London, Special Publications, 291, 75-97.
 171. Piper, D.J.W., Pe-Piper, G., Perissoratis, C., and Anastasakis, G., 2007: Distribution and chronology of submarine volcanic rocks around Santorini and their relationship to faulting. Taymaz, T., Yilmaz, Y., and Dilek, Y. (eds), *The Geodynamics of the Aegean and Anatolia*. Geological Society of London, Special Publications, 291, 99-111.
 172. Pe-Piper, G. and Piper, D.J.W., 2007: Neogene back-arc volcanism of the Aegean: new insights into the relationship between magmatism and tectonics. Geological Society of America, Special Paper 418, 17-31.
 173. **Pe-Piper, G., Piper, D.J.W., Jansa, L.F. and de Jonge*, A., 2007. Early Cretaceous opening of the North Atlantic Ocean: Implications of the petrology and tectonic setting of the Fogo Seamounts off the SW Grand Banks, Newfoundland. *Geological Society of America Bulletin*, 119, 712-724.**
 174. Skarpeilis, N., Tsikouras, B., and Pe-Piper, G., 2008: The Miocene igneous rocks in the basal Unit of Lavrion area (SE Attica, Greece): Petrology and Geodynamic implications. *Geological Magazine*, 145, 1-15.

175. Pe-Piper, G., 2007. Relationship of amphibole composition to host-rock geochemistry; the A-type gabbro-granite Wentworth Pluton, Cobequid shear zone, Eastern Canada. *European Journal of Mineralogy*, 19(1), 29-38.
176. Piper, D.J.W., Pe-Piper, G., Hundert*, T., and Venugopal, D.V., 2007. The Lower Cretaceous Chaswood Formation in southern New Brunswick: provenance and tectonics. *Canadian Journal of Earth Sciences*, 44, 665-677.
177. Tsikouras, V., Pe-Piper, G., Piper, D.J.W. and Hatzipanagiotou, K., 2008: Triassic rift-related komatiite, picrite and basalt, Pelagonian continental margin, Greece. *Lithos*, 104, 199–215.
178. Pe-Piper, G. and Weir-Murphy*, S., 2008: Early diagenesis of inner shelf phosphorite and iron-silicate minerals, Lower Cretaceous of Orpheus graben, southeastern Canada: implications for the origin of chlorite rims. *Bulletin of the American Association of Petroleum Geologists*, 92, 1153–1168
179. **Pe-Piper, G., Piper, D.J.W., Koukouvelas, I., Dolansky*, L.M. and Kokkalas, S., 2009: Postorogenic shoshonitic rocks and their origin by melting underplated basalts; the Miocene of Limnos, Greece. *Geological Society of America Bulletin*, 121, 39–54.**
180. Piper, D.J.W., Hundert*, T., Pe-Piper, G. and Okwese*, A., 2009. The roles of pedogenesis and diagenesis in clay mineral assemblages: Lower Cretaceous fluvial mudrocks, Nova Scotia, Canada. *Sedimentary Geology*, 213, 51-63.
181. **Pe-Piper, G., Triantafyllidis*, S. and Piper, D.J.W., 2008: Geochemical identification of clastic sediment provenance from unknown sources of similar geology: the Cretaceous Scotian basin, Canada. *Journal of Sedimentary Research*, 78, 595-607.**
182. Pe-Piper, G. and Moulton*, B., 2008. Magma evolution in the Pliocene-Pleistocene succession of Kos, South Aegean arc (Greece). *Lithos*, 106, 110–124
183. Mollai, H., Sharma, R. and Pe-Piper, G., 2009: Copper mineralization around the Ahar Batholith, north of Ahar (NW Iran): evidence for fluid evolution and the origin of the skarn ore deposit. *Ore Geology Reviews*, 35, 401–414.
184. Reynolds, P.H., Pe-Piper, G., Piper, D.J.W. and Grist, A.M., 2009: Single-grain detrital-muscovite ages from Lower Cretaceous sandstones, Scotian basin, and their implications for provenance. *Bulletin of Canadian Petroleum Geology*, 55, 63–80.
185. Piper, D.J.W., Pe-Piper, G. and Ledger-Piercey*, S., 2008: Geochemistry of the Lower Cretaceous Chaswood Formation, Nova Scotia, Canada: provenance and diagenesis. *Canadian Journal of Earth Sciences*, 45, 1083–1094.
186. Liati, A., Skarpelis, N. and Pe-Piper, G., 2009. Late Miocene magmatic activity in the Attico-Cycladic belt of the Aegean (Lavriion, SE Attica, Greece): implications for the geodynamic evolution and timing of ore deposition. *Geological Magazine*, 146, 732–742.
187. **Gould*, K., Pe-Piper, G. and Piper, D.J.W., 2010. Relationship of diagenetic chlorite rims to depositional facies in Lower Cretaceous reservoir sandstones of the Scotian Basin. *Sedimentology*, 57, 587–610.**
188. Piper, D.J.W., Noftall*, R. and Pe-Piper, G. 2010. Allochthonous prodeltaic sediment facies in the Lower Cretaceous at the Tantallon M-41 well: implications for the deep-water Scotian basin. *AAPG Bulletin*, 94, 87–104.
189. Karim*, A., Pe-Piper, G. and Piper, D.J.W., 2010. Controls on diagenesis of Lower Cretaceous reservoir sandstones in the western Sable Subbasin, offshore Nova Scotia. *Sedimentary Geology*, 224, 65–83.

190. Pe-Piper, G. and Piper, D.J.W., 2012. Chapter 13: The impact of early Cretaceous deformation in the passive-margin Scotian Basin, offshore eastern Canada. *Tectonics of Sedimentary Basins: Recent Advances*. (eds) Busby, C., and Azor, A. UK: Blackwell. pp. 270-287.
191. Piper, D.J.W., Pe-Piper, G., and Lefort*, D., 2010. Precursory activity of the 161 ka Kos Plateau Tuff eruption, Aegean Sea (Greece). *Bulletin of Volcanology*, 72(6), 657-669.
192. **Pe-Piper, G., Kamo, S.L., and McCall*, C., 2010. The German Bank pluton, offshore SW Nova Scotia: petrology, age and regional significance for Alleghanian plutonism. *Geological Society of America Bulletin*, 122, 690–700.**
193. Pe-Piper, G., Piper, D.J.W., and Tsikouras, B., 2010. The Late Neoproterozoic Frog Lake hornblende gabbro pluton, Avalon Terrane of eastern Canada: Origin of appinite magmas. *Canadian Journal of Earth Sciences*, 47, 587–610.
194. Pe-Piper, G. and Piper, D.J.W., 2010. Volcanic ash in the Lower Cretaceous Chaswood Formation of Nova Scotia: source and implications. *Canadian Journal of Earth Sciences*, 47, 1427-1443.
195. Reynolds, P.H., Pe-Piper, G. and Piper, D.J.W., 2010. Sediment sources and dispersion as revealed by single-grain $^{40}\text{Ar}/^{39}\text{Ar}$ ages of detrital muscovite from Carboniferous and Cretaceous rocks in mainland Nova Scotia. *Canadian Journal of Earth Sciences*, 47, 957–970.
196. Karim*, A., Pe-Piper, G., Piper, D.J.W., and Hanley, J.J., 2011. Thermal and hydrocarbon-charge history and the relationship between diagenesis and reservoir connectivity: Venture field, offshore Nova Scotia, eastern Canada. *Canadian Journal of Earth Sciences*, 48, 1293–1306.
197. Murphy, B., Waldron, J.W.F, Kontak, D.J., Pe-Piper, G., and Piper, D.J.W., 2011. Minas Fault Zone: Late Paleozoic history of an intra-continental orogenic transform fault in the Canadian Appalachians. *Journal of Structural Geology*, 33, 312-333.
198. Pe-Piper, G., Karim*, A. and Piper, D.J.W., 2011. Authigenesis of titanite minerals in pro-deltaic sandstones, Cretaceous Scotian Basin. *Journal of Sedimentary Research*, 81, 762–773.
199. **Tsikouras, B., Pe-Piper, G., Piper, D.J.W., and Schaffer, M., 2011. Varietal heavy mineral analysis of sediment provenance, Lower Cretaceous Scotian Basin, eastern Canada. *Sedimentary Geology*, 237, 150-165.**
200. Bowman*, S.J., Pe-Piper, G., Piper, D.J.W., Fensome, R.A. and King, E.L. 2012. Early Cretaceous volcanism in the Scotian Basin. *Canadian Journal of Earth Sciences*, 49, 1523-1539.
201. **Karim*, A., Hanley, J.J., Pe-Piper, G. and Piper, D.J.W., 2012. Paleohydrogeological and thermal events recorded by fluid inclusions, stable isotopes and geochemistry of diagenetic minerals in Lower Cretaceous sandstones, offshore Nova Scotia, Canada. *AAPG Bulletin*, 96, 1147–1169.**
202. Okwese*, A.C., Pe-Piper, G. and Piper, D.J.W., 2012. Controls on regional variability in marine pore-water diagenesis below the seafloor in Upper Jurassic-Lower Cretaceous pro-deltaic sandstone and shales, Scotian Basin, eastern Canada. *Marine and Petroleum Geology*, 29, 175–191.
203. Pe-Piper, G. and Piper, D.J.W. 2012. Chapter 13: Application of mineral provenance studies to petroleum exploration: Case study of the Scotian Basin. In: *MAC Short Course 42*,

- Quantitative Mineralogy and Microanalysis of Sediments and Sedimentary Rocks, ed. P. Sylvester, 249–264.
204. Piper, D.J.W., Pe-Piper, G., Tubrett, M., Triantafyllidis, S. and Strathdee*, G., 2012. Detrital zircon geochronology and polycyclic sediment sources, Cretaceous Scotian Basin, southeastern Canada. *Canadian Journal of Earth Sciences*, 49, 1540–1557.
 205. Reynolds, P.H., Pe-Piper, G. and Piper, D.J.W. 2012. Detrital muscovite geochronology and the Cretaceous tectonics of the inner Scotian Shelf, southeastern Canada. *Canadian Journal of Earth Sciences*, 49, 1558–1566.
 206. Gould*, K.M., Piper, D.J.W. and Pe-Piper, G. 2012. Lateral variation in sandstone lithofacies from conventional core, Scotian Basin: Implications for reservoir quality and connectivity. *Canadian Journal of Earth Sciences*, 49, 1478–1503.
 207. Li*, G., Pe-Piper, G. and Piper, D.J.W. 2012. The provenance of Middle Jurassic sandstones in the Scotian Basin: petrographic evidence of passive margin tectonics. *Canadian Journal of Earth Sciences*, 49, 1465–1477.
 208. Chen*, S., Guo, Z., Pe-Piper, G., and Zhu, B., 2013. Late Paleozoic peperites in West Junggar, China, and how they constrain regional tectonic and palaeoenvironmental setting. *Gondwana Research*, 23, 661–681
 209. Papoutsas*, A. and Pe-Piper, G., 2013. The relationship between REE-Y-Nb-Th minerals and the evolution of an A-type granite, Wentworth Pluton, Nova Scotia. *American Mineralogist*, 98, 444–462.
 210. **Pe-Piper, G. and Piper, D.J.W. 2013. The effect of changing regional tectonics on an arc volcano: Methana, Greece. *Journal of Volcanology and Geothermal Research*, 260, 146–163.**
 211. Pe-Piper, G., Meredyk, S., Zhang*, Y.Y., Piper, D.J.W., and Edinger, E. 2013. Petrology and tectonic significance of seamounts within transitional crust east of Orphan Knoll, offshore eastern Canada. *Geo-Marine Letters*, 33, 433–447.
 212. Sawatzky*, C.C. and Pe-Piper, G., 2013. Detrital quartz sources in the Scotian Basin, eastern Canada, using hot-cathode cathodoluminescence: Availability of coarse-grained sand for reservoirs. *AAPG Bulletin*, 97(9), 1503–1520.
 213. Zhang*, Y.Y., Pe-Piper, G., Piper, D.J.W. and Guo, Z., 2013. Early Carboniferous collision of the Kalamaili orogenic belt, North Xinjiang and its implications: evidence from molasse deposits. *Bulletin of the Geological Society of America*, 125, 932–944.
 214. **Zhang*, Y.Y., Pe-Piper, G. and Piper, D.J.W. 2014. Sediment geochemistry as a provenance indicator; unravelling the cryptic signatures of polycyclic sources, climate change, tectonism and volcanism. *Sedimentology*, 61, 383–410.**
 215. Chen*, S., Pe-Piper, G., Piper, D.J.W., and Guo, Z., 2014. Late Paleozoic strike-slip fault zone ophiolitic mélanges in West Junggar, North Xinjiang, western China and their implications. *Tectonics*, 33, 2419–2443.
 216. Gould*, K.M., Piper, D.J.W., Pe-Piper, G., and MacRae, R.A., 2014. Facies, provenance and paleoclimate interpretation using spectral gamma logs: Application to the Lower Cretaceous of the Scotian Basin. *Marine and Petroleum Geology*, 57, 445–454.
 217. Erratum 2014: Petrology and tectonic significance of seamounts within transitional crust east of Orphan Knoll, offshore eastern Canada (*Geo-Mar Lett.*, 2013, 33, 433–447). *Geo-Marine Letters*, 34, 567–568

218. Mollai, H., Pe-Piper, G., and Dabiri, R., 2014. Genetic relationships between skarn ore deposits and magmatic activity in the Ahar region, Western Alborz, NW Iran. *Geologica Carpathica*, 65(3), 209–227.
219. Papoutsas*, A., and Pe-Piper, G., 2014. Geochemical variation of amphiboles in A-type granites as an indicator of complex magmatic systems: Wentworth pluton, Nova Scotia, Canada. *Chemical Geology*, 384, 120–134.
220. Pe-Piper, G., Piper, D.J.W., and Triantafyllidis*, S., 2014. Detrital monazite geochronology, upper Jurassic–Lower Cretaceous of the Scotian Basin: significance for tracking first-cycle sources. *Geological Society of London, Special Publication 386*, 293–311.
221. Pe-Piper, G., Zhang*, Y.Y., Piper, D.J.W., and Prelević, D. 2014. Relationship of Mediterranean type lamproites to large shoshonite volcanoes, Miocene of Lesbos, NE Aegean Sea. *Lithos*, 184, 281–299.
222. Papoutsas* A. and Pe-Piper, G., 2014. Variation of REE-hydrothermal circulation in complex shear zones: The Cobequid Highlands, Nova Scotia. *The Canadian Mineralogist*, 52, 943–968.
223. Zhang*, Y.Y., Guo, Z.J., Pe-Piper, G., and Piper, D.J.W., 2015. Geochemistry and petrogenesis of Early Carboniferous volcanic rocks in East Junggar, North Xinjiang: Implications for post-collisional magmatism and geodynamic process. *Gondwana Research*, 28, 1466–1481.
224. Papadopoulos A., Christofides, G., Pe-Piper G., Koroneos, A., and Papadopoulou, L., 2015. Geochemistry of beach sands from Sithonian peninsula (Chalkidiki, Northern Greece). *Mineralogy and Petrology*, 109, 53–66.
225. **Pe-Piper, G., Piper, D.J.W., Zhang*, Y.Y., and Chavez*, I., 2015. Diagenetic barite and sphalerite in middle Mesozoic sandstones, Scotian Basin, as tracers for basin hydrology. *Bulletin of the American Association of Petroleum Geologists*, 99, 1281–1313.**
226. Zhang*, Y.Y., Pe-Piper, G., and Piper, D.J.W., 2015. How sandstone porosity and permeability vary with diagenetic minerals in the Scotian Basin, offshore eastern Canada: implications for reservoir quality. *Marine and Petroleum Geology*, 63, 28–45.
227. Poursoltani, M.R. and Pe-Piper, G., 2015. Source and diagenesis of Middle Jurassic marine mudstones, Kopet-Dagh Basin, NE Iran. *Geopersia*, 5, 93–109.
228. **Papoutsas*, A., Pe-Piper, G., Piper, D.J.W., 2016. Systematic mineralogical diversity in A-type granitic intrusions: control of magmatic source and geological processes. *Geological Society of America Bulletin*, 128, 487–501.**
229. Pe-Piper G., Piper D.J.W., Wang Y., Zhang Y., Trottier* C., Ge, C., and Yin Y. ,2016. Quaternary evolution of the rivers of northwest Hainan Island, China: tracking source to sink mineral changes and the history of avulsion. *Sedimentary Geology*, 333, 84–99.
230. Chen*, S., Guo, Z., Qi, J., Zhang*, Y.Y., Pe-Piper, G., and Piper, D.J.W., 2016. Early Permian volcano-sedimentary successions, Beishan, NW China: peperites demonstrate an evolving basin. *Journal of Volcanology and Geothermal Research*, 309, 31–44.
231. Chavez* I., Piper D.J.W., Pe-Piper G., and Zhang* Y., 2016. North Atlantic climatic events recorded in Cretaceous Naskapi Member cores, Scotian Basin. *Cretaceous Research* , 60, 297–307.

232. Dutuc*, D.-C., Pe-Piper, G., and Piper, D.J.W., 2017. The provenance of Jurassic and Lower Cretaceous clastic sediments offshore southwestern Nova Scotia. *Canadian Journal of Earth Sciences*, 54, 33–51.
233. Pe-Piper, G., Sangster*, C., and Zhang*, Y. 2017. Diagenetic F-rich ferroan calcite and zircon in the offshore Scotian Basin, eastern Canada: significance for understanding thermal evolution of the basin. *American Mineralogist*, 102, 1542–1555.
234. Pe-Piper, G., Piper, D.J.W., Papoutsas*, A. and Wisen*, J., 2017. Fractured latest Devonian granites of the West Moose River pluton along the Cobequid Shear Zone, Nova Scotia: implication for regional mineralization. *Canadian Journal of Earth Sciences*, 54, 1119–1137.
235. Sales de Oliveira*, C.S., Pe-Piper, G., Piper, D.J.W., Zhang*, Y.Y., and Corney, R., 2017. Integrated methodology for determining provenance of detrital quartz using optical microscopy and cathodoluminescence (CL) properties. *Marine and Petroleum Geology*, 88, 41–53.
236. Pe-Piper, G. and Piper, D.J.W., 2017. The Jeffers Brook diorite–granodiorite pluton: style of emplacement and role of volatiles at various crustal levels in Avalonian appinites, Canadian Appalachians. *International Journal of Earth Sciences*, 107, 863–883.
237. Pe-Piper, G., Piper, D.J.W., and Papoutsas*, A., 2018. Mid Carboniferous lamprophyres, Cobequid Fault Zone, Eastern Canada, linked to sodic granites, voluminous gabbro, and albitization. *Lithos* 296, 316–331.
238. Koutrouli*, A., Anastasakis, G., Kontakiotis, G., Ballenges, S., Kuehn, S., Pe-Piper, G., and Piper, D.J.W. 2018. The early to mid-Holocene marine tephrostratigraphic record in the Nisyros-Yali-Kos volcanic center, SE Aegean Sea. *Journal of Volcanology and Geothermal Research*, 366, 96–111.
239. **Pe-Piper, G., Piper, D.J.W., McFarlane, C.R.M., Sangster*, C., Zhang*, Y., and Boucher, B., 2018. Petrology, chronology and sequence of vein systems: Systematic magmatic and hydrothermal history of a major intracontinental shear zone, Canadian Appalachians. *Lithos*, 304, 298–310.**
240. Chavez*, I., Piper, D.J.W., Pe-Piper, G., 2018. Correlation of the Aptian Naskapi Member of the Scotian Basin and its regional implications. *Canadian Journal of Earth Sciences*, 55, 514–535.
241. Poursoltani, M.R., Gibling, M.R. and Pe-Piper, G., 2019. Diagenesis, burial history, and hydrocarbon potential of Cambrian sandstone in the northern continental margin of Gondwana: A case study of the Lalun Formation of central Iran. *Journal of Asian Earth Sciences*, 172, 143–169.
242. **Chavez*, I., Pe-Piper, G., Piper, D.J.W., and MacRae, A., 2019. Late Mesozoic sediment provenance on Georges Bank: enlargement of river drainages to the Atlantic Ocean in the Late Jurassic to Early Cretaceous. *American Association of Petroleum Geologists Bulletin*, 103, 1321–1350.**
243. Pe-Piper, G., Piper, D.J.W. and Nagle, J., 2019. Scapolite and analcime: monitors of hydrothermal fluids that altered plutonic rocks in a major shear zone. *Chemical Geology* 522, 208–222.
244. **Pe-Piper, G., Nagle*, J., Piper, D.J.W. and McFarlane, C.R.M., 2019. Geochronology and trace element mobility in rutile from a Carboniferous syenite pegmatite and the role of halogens. *American Mineralogist*, 104(4), 501–513.**

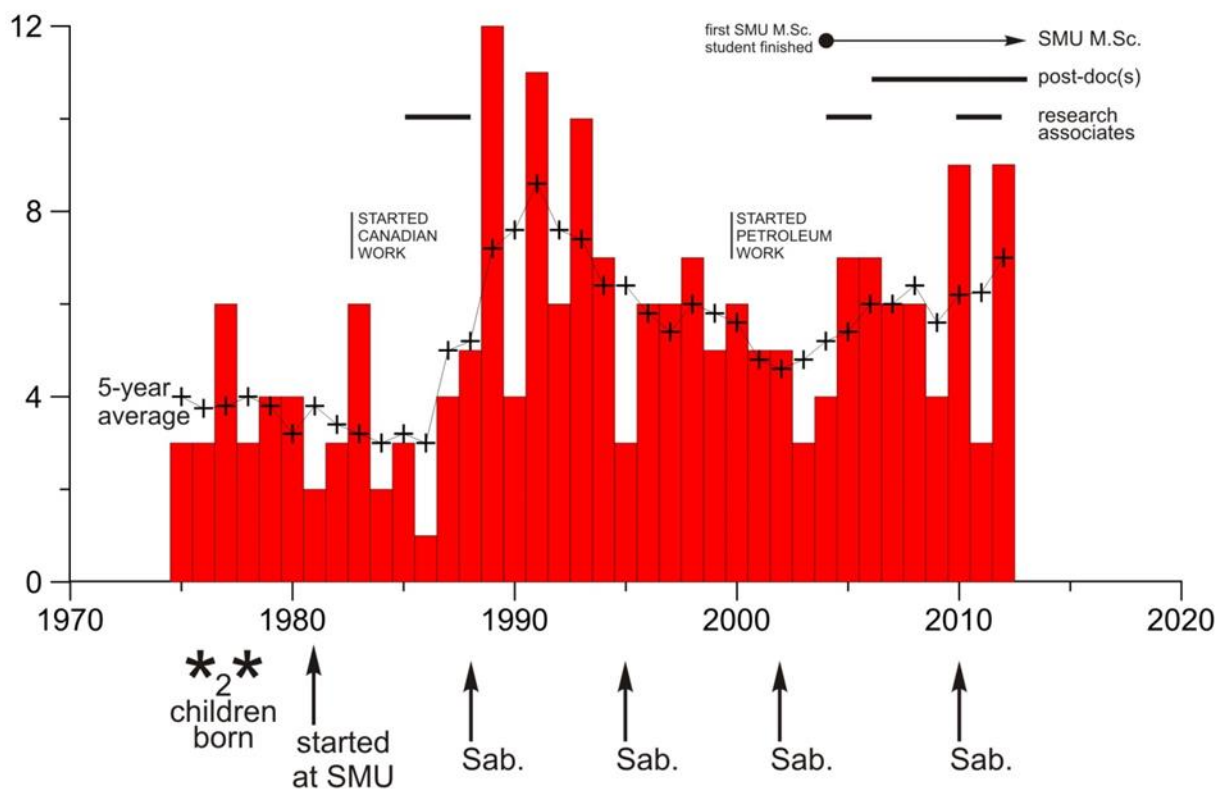
245. Piper, D.J.W., Pe-Piper, G., Anastasakis, G., and Reith*, W., 2019. The volcanic history of Pyrgousa – volcanism before the eruption of the Kos Plateau Tuff. *Bulletin of Volcanology*, 81(5), art. 32.
246. **Pe-Piper, G., Imperial*, A., Piper, D.J.W., Zouros, N., and Anastasakis, G., 2019. Nature of the hydrothermal alteration of the Miocene Sigri Petrified Forest, western Lesbos, Greece. *Journal of Volcanology and Geothermal Research*, 369, 172–187.**
247. Sangster*, C., Piper, D.J.W., Hawie, N., Pe-Piper, G., and Saint-Ange, F., 2019. Forward stratigraphic modeling of sediment pathways and depocentres in a basin dominated by salt tectonics: Lower Cretaceous, central Scotian Basin. *Basin Research*, 31, 728–753..
248. **Pe-Piper, G., Piper, D.J.W., Zouros, N.C. and Anastasakis, G., 2019. Age, stratigraphy, sedimentology and tectonic setting of the Sigri Pyroclastic Formation and its fossil forests, Early Miocene, Lesbos, Greece. *Basin Research*, 31, 1178–1197.**
249. Pe-Piper, G., Imperial*, A., Piper, D.J.W., Zouros, N.C. and Anastasakis, G., 2019. Mineral data (SEM, electron microprobe, Raman spectroscopy) from epithermal hydrothermal alteration of the Miocene Sigri Petrified Forest and host pyroclastic rocks, western Lesbos, Greece. *Data in Brief*, 24, no. 103987.
250. Mollai, H., Dabiri, R., Torshizian, H.A., Pe-Piper, G. and Wang, W., 2019. Cadomian crust of Eastern Iran: evidence from the Tapeh Tagh granitic gneisses. *International Geology Review*, 1-21.
251. Bourli, N., Kokkaliari, M., Iliopoulos, I., Pe-Piper, G., Piper, D.J.W., Maravelis, A.G. and Zelilidis, A., 2019. Mineralogy of siliceous concretions, Cretaceous of Ionian zone, western Greece: Implication for diagenesis and porosity. *Marine and Petroleum Geology*, 105, 45–63.
252. **Pe-Piper, G. and Piper, D.J.W. 2020. Significance of the chemistry and morphology of diagenetic siderite in clastic basin evolution: Mesozoic Scotian Basin. *Sedimentology* 67(2), 782-809.**
253. Memtimin*, M., Zhang, Y., Furnes, H., Zhu, B., Guo, Z., Pe-Piper, G. and Piper, D.J.W., 2020. Facies architecture of a subaqueous volcano–sedimentary succession on Bogda Mountains, NW China—Evidence of extension in Late Carboniferous. *Geological Journal*, 55(4), 3097-3111.
254. Poursoltani, M.R. and Pe-Piper, G., 2020. Diagenetic history and provenance of Devonian terrestrial sandstones at the margin of Gondwana: Padeha Formation, Eastern Alborz, Iran. *Journal of Asian Earth Sciences* 204, 104576
255. Piper, D.J.W. and Pe-Piper, G. 2020. A reworked isolated deposit of the Kos Plateau Tuff and its significance for dating raised marine terraces, Kos, Greece. *Geological Magazine*, 157(12), 2021–2032.
256. Memtimin*, M., Pe-Piper, G., Piper D.J.W., Guo, Z. and Zhang, Y.Y. 2020. Carboniferous arc-related volcanism in SW Bogda Mountain, northwest China, and its implications for regional tectonics. *Lithos*, 360-361, 105413.
257. **Piper, D.J.W. and Pe-Piper, G., 2021. Evolution of late Paleozoic shearing in the Cobequid Highlands: constraints on the fragmentation of the Appalachian Orogen in Nova Scotia along intra-continental shear zones, *Geological Society of London, Special Publication* 503, 423–444.**

258. Pe-Piper, G., Piper, D.J.W. and Nagle, J., 2020. Temporal variation of titanite morphology and chemistry in a long-lived shear zone: The Clarke Head syenite in the Minas Fault Zone, Nova Scotia. *Lithos*, 372, 105670.
259. Tang, W., Zhang, Y., Pe-Piper, G., Piper, D.J.W., Guo, Z. and Li, W., 2020. Soft-sediment deformation structures in alkaline lake deposits of Lower Permian Fengcheng Formation, Junggar Basin, NW China: Implications for syn-sedimentary tectonic activity. *Sedimentary Geology*, 406, 105719.
260. Tang, W., Zhang, Y., Pe-Piper, G., Piper, D.J.W., Guo, Z. and Li, W., 2020. Permian to early Triassic tectono-sedimentary evolution of the Mahu sag, Junggar Basin, western China: sedimentological implications of the transition from rifting to tectonic inversion. *Marine and Petroleum Geology*, 123, 104730.
261. Pe-Piper, G., 2020. Mineralogy of an appinitic hornblende gabbro and its significance for the evolution of rising calc-alkaline magmas. *Minerals*,
262. **Blowick, A., Pe-Piper, G., Piper, D.J.W., Zhang, Y.Y. and Tyrrell, S., 2020. First-cycle sand supply and the evolution of the eastern Canadian continental margin: insights from Pb isotopes in the Mesozoic Scotian Basin. *Geological Society of America, Bulletin*, 133, 1301-1319.**
263. Tang, W., Song, Y., He, W., Tang, Y., Guo, X., Pe-Piper, G., Piper, D.J.W., Li, W., Guo, Z. and Zhang, Y., 2021. Source-to-sink evolution of syn-rift alkaline lake sediments in the Lower Permian Fengcheng Formation, Junggar Basin, NW China: Evidence from petrology, detrital zircon geochronology and geochemistry. *Journal of Asian Earth Sciences*, paper 105049.
264. Tang, W., Zhang, Y., Pe-Piper, G., Piper, D.J.W., Guo, Z. and Li, W., 2021. Permian rifting processes in the NW Junggar Basin, China: implications for the post-accretionary successor basins. *Gondwana Research*, 98, 107–124.
265. Pe-Piper, G., Piper, D.J.W., Bourli, N. and Zelilidis, A., 2021. Evolution of Sedimentary Basins as Recorded in Silica Concretions: An Example from the Ionian Zone, Western Greece. *Minerals*, 11(7), paper 763.
266. Pe-Piper, G. and Piper, D.J.W., 2021. Controls on Barite Mineralization in a Major Intracontinental Shear Zone: Carboniferous of the Cobequid Highlands, Nova Scotia. *Minerals*, 11(12), paper 1413.
267. Nagle, J., Marfisi, E., Piper, D.J.W., Pe-Piper, G. and Saint-Ange, F., 2021. How is stratigraphic modeling of frontier basins dependent on data: A case study of the Shelburne sub-basin, offshore SE Canada. *Marine and Petroleum Geology*, 132, paper 105227.
268. Mollai, H., Dabiri, R., Torshizian, H.A., Pe-Piper, G. and Wang, W.E., 2021. Upper Neoproterozoic garnet-bearing granites in the Zeber-Kuh region from east central Iran micro plate: Implications for the magmatic evolution in the northern margin of Gondwanaland. *Geologica Carpathica*, 72(6), 461–481.
269. Tang, W., Wang, X., Guo, X., He, W., Tang, Y., Pe-Piper, G., Piper, D.J.W., Guo, Z., Cheng, F., Li, W. and Zhang, Y., 2022. Late Carboniferous back-arc rifting in Junggar Basin, NW China: implication for the rapid continental growth in accretionary orogens. *International Journal of Earth Sciences*, 111, 2493–2518
270. Imperial*, A., Pe-Piper, G., Piper, D.J.W. and Grey, I.E., 2022. Identifying Pseudorutile and Kleberite Using Raman Spectroscopy. *Minerals*, 12(10), 1210.

271. DeBoer, J.Z., Pe-Piper, G. and Piper, D.J.W., 2022. The myth of the battle between Poseidon and Polybotes: was it inspired by a late Holocene rock avalanche at Zini, Kos island? *Bulletin of the Geological Society of Greece*, 59 (1), 1–22.
272. Pe-Piper, G. and Piper, D.J.W. 2022. Temperature and basinal fluid controls on feldspar diagenesis, Lower Cretaceous sandstones, Scotian Basin, Canada. *Marine and Petroleum Geology*, 141, 105704
273. Tang, W., Song, Y., He, W., Tang, Y., Guo, X., Pe-Piper, G., Piper, D.J.W., Li, W., Guo, Z. and Zhang, Y., 2022. Source-to-sink evolution of syn-rift alkaline lake sediments in the Lower Permian Fengcheng Formation, Junggar Basin, NW China: evidence from petrology, detrital zircon geochronology and geochemistry. *Journal of Asian Earth Sciences*, 232, 105049. <https://doi.org/10.1016/j.jseaes.2021.105049>.
274. Tang, W., Song, Y., He, W., Tang, Y., Guo, X., Pe-Piper, G., Piper, D.J., Guo, Z., Zhang, Y., Wei, L. and Chen, A., 2022. Petrochemical and geochronological data of Permian-Lower Triassic clastic sedimentary rocks in the northwestern Junggar basin, NW China: Implications for provenance, tectonism and paleoclimate. *Marine and Petroleum Geology*, 106027.
275. Piper, D.J.W. and Pe-Piper, G., 2022. The response of the rivers of NW Greece to late Quaternary neotectonics, as interpreted from detrital petrology. *Geosciences*, 12(11), 392.
276. **Imperial*, A., Pe-Piper, G., Piper, D.J.W. and Clyburne, J., 2023. The use of titanite polymorphs as indicator of mesodiagenesis during hydrocarbon charge. *Marine and Petroleum Geology*, 149, 106075.**
277. **Pe-Piper, G. and Piper, D.J.W. 2024. Igneous rocks at Clarke Head, Nova Scotia: significance for assembly at the Avalon-Meguma terrane boundary. *Geological Society of London, Special Publication 542, 721-740.***
278. Tang*, W.B., Pan, S., Pe-Piper, G., Piper, D.J.W., Zhang, Y.Y., Guo, Z., Tang, Y., and Tang W.Q. 2024. Late Permian-Early Triassic intracontinental tectonic inversion in the Junggar Basin, NW China: New insights from detrital zircon geochronology and seismic reflection data. *Basin Research*, 31(1), e12824.
279. Pe-Piper, G., Piper, D.J.W., and Dessureau*, G., 2024. Mineralogy of the Steel Mountain Anorthosite Complex, Western Newfoundland Appalachians, Canada: Petrogenesis and Tectonic Affinity. *Minerals*, 14, 81. <https://doi.org/10.3390/min14010081>
282. Tang*, W.B., Pe-Piper, G., Piper, D.J.W., Chen, A., Hou, M., Guo, Z. and Zhang, Y., 2024. Architecture of lacustrine deposits in response to early Carboniferous rifting and Gondwanan glaciation, Nova Scotia, SE Canada. *Sedimentology*, 57, 457-485.
280. Nagle*, J., Piper, D.J.W., Marfisi, E., Pe-Piper, G. and Saint-Ange, F. 2024. Jurassic deep-water reservoirs at a transform offset: the mixed carbonate-siliciclastic Shelburne sub-basin, SE Canadian margin. *AAPG Bulletin*, 108, 41-73.
281. Pe-Piper, G., Piper, D.J.W., Skarpeilis, N. and Papoutsas, A., 2024. Chromian minerals and talc veins in the metasandstones of the Ochi nappe, southern Evia, Greece: The role of fluids in retrograde metamorphism during exhumation. *Lithos*, 482, 107671.
282. Pe-Piper, G., Piper, D.J.W., Anastakis, G., Zouros, N. and Lyras, G., 2024. Variability in mineralization of the petrified forests in the UNESCO Global Geopark of Lesvos, Greece. *Marine and Petroleum Geology*, 167, 106990.

283. Pe-Piper, G., Piper, D.J.W. and Tsoukalas, N., 2024. Mineralogy and geochemistry of Upper Miocene igneous rocks, Kos island, Greece: Extension during strike-slip faulting and subduction rollback. *Minerals* 14, #989.
284. Golfinopoulos, V., Piper, D.J.W., Zelilidis, A., Pe-Piper, G., Papadopoulou, P., Bourli, N. and Iliopoulos, G. Depositional Environments and Soft Sediment Deformation in the Early-Middle Jurassic Ammonitico Rosso Formation of Western Greece. *Geosciences*, 15, 10.

G Pe-Piper academic paper output (externally peer-reviewed work)



Government documents

- G1. Piper, G. and Piper, D.J.W., 1986: Detailed geological maps of parts of the Western Cobequid Hills, Cumberland County. Nova Scotia Department of Mines and Energy Open file 86/018.
- G2. Jansa, L.F. and Pe-Piper, G., 1986: Geology and Geochemistry of middle Jurassic and early Cretaceous igneous rocks on the eastern north American continental shelf. Geological Survey of Canada Open File Report No. 1351, 104p.
- G3. Pe-Piper, G. and Turner, D., 1988: The Jeffers group, western Cobequid Hills, Nova Scotia. Geological Survey of Canada Open File Report. No. 1782, 121p.
- G4. Murphy, J.B., Pe-Piper, G. and Nance, R.D., 1989: Late Precambrian rocks of the Eastern Cobequid Highlands. In: Current Research, Part A, Geological Survey of Canada, Paper 89-1A, p.15-21
- G5. Murphy, J.B., Pe-Piper, G., Nance, R.D., Turner, D. and Piper, D.J.W., 1988: Preliminary geological map of the Eastern Cobequid Highlands. Geological Survey of Canada Open File Report, 1755.
- G6. Pe-Piper, G., 1992: Geochemistry of late Proterozoic plutonic rocks from Flemish Cap, east of the Grand Banks of Newfoundland. In: Current Research, Part D; Geological Survey of Canada, Paper 92-1D, p. 45-48.
- G7. Jansa, L.F., Pe-Piper, G. and Palacz, Z., 1985: Geochemistry and regional significance of early Cretaceous basalt-felsic igneous rock associations on the Grand Banks, eastern Canada. Geological Survey of Canada Open File 2704,
- G8. Pe-Piper, G. and Koukouvelas, I., 1994: Earliest Carboniferous plutonism, western Cobequid Highlands. Current Research 1994-D; Geological Survey of Canada, p. 103-107.
- G9. Pe-Piper, G., Piper, D. J. W., Parlee, K. and Turner, D.S., 1994: Geology of the Headwaters of the River Philip, Cobequid Highlands. Geological Society of Canada Open File Report #2887, 34p., 1 map sheet.
- G10. Pe-Piper, G., 1996: The Carboniferous plutons and associated igneous rocks of the Western Cobequid Highlands, Nova Scotia. Geological Survey of Canada Open File Report #3252, 89p., 6 colour maps.
- G11. Pe-Piper, G, Piper, D.J.W., and Koukouvelas, I., 1995: Field evidence for the character of the Precambrian rocks south of the Rockland Brook Fault, Bass River Block, Cobequid Highlands. Current Research 1995-D; Geological Survey of Canada, p. 27-31.
- G12. Koukouvelas, I. and Pe-Piper, G., 1995: The role of granites in the evolution of the Folly Lake diorite, Cobequid Highlands, Nova Scotia. Current Research 1995- D; Geological Survey of Canada, p. 33-38.
- G13. Pe-Piper, G., Zeeman, M. and Piper, D.J.W., 1996: Magmatic significance of the relationships between the mafic and felsic phases of the Folly Lake pluton, Cobequid Highlands, Nova Scotia. Current Research 1996-D; Geological Survey of Canada, p. 27-33.
- G14. Koukouvelas, I. and Pe-Piper, G., 1996: The Hart Lake-Byers Lake and Folly Lake plutons, Cobequid Highlands, Nova Scotia: deformation history inferred from mafic enclaves. Current Research 1996-D; Geological Survey of Canada, p. 35-40.

- G15. Piper, D.J.W., Durling, P. and Pe-Piper, G. 1996: Field evidence for the extent and style of overthrusting along the northeastern margin of the Cobequid Highlands, Nova Scotia. Current Research 1996-D; Geological Survey of Canada, p. 41-46.
- G16. Pe-Piper, G. and Horton, D., 1996: Zeolite mineral assemblages in the North Mountain Basalt, Nova Scotia. Nova Scotia Department of Natural Resources, Mines and Energy Branch, Open File Report 96-001.
- G17. Pe-Piper, G., 2001: The Devonian-Carboniferous North River and Gilbert Mountain plutons, Cobequid Highlands, Nova Scotia. Geological Survey of Canada Open File Report #3874.
- G18. Pe-Piper, G., Kotopouli, C.N. and Piper, D.J.W., 1997: Petrography of the igneous lithologies occurring in the island of Naxos, Greece. Unpublished Report A3701, Institute of Geology and Mineral Exploration, Athens, Greece, 22pp.
- G19. Lynch, G., Giles, P.S., Deblonde, C., Barr, S.M., Piper, D.J.W., St. Peter, C., Hetu, R.J., Johnson, S.C., Pe-Piper, G., St-Jean, R., Murphy, J.B., Chandler, F.W. and Boehner, R.C., 1998: Magdalen basin NATMAP - Onshore Geological Database. 1 CD-ROM, D3564.
- G20. Pe-Piper, G., 1998. The Devonian-Carboniferous Wentworth plutonic complex (Folly Lake and Hart Lake - Byers Lake Plutons) of the central Cobequid highlands, Nova Scotia. Geological Survey of Canada Open File Report #3373, 87 p. + CD-ROM.
- G21. Pe-Piper, G. and Piper, D.J.W., 1998: Geochemical and structural evolution of the Pleasant Hills pluton, Cobequid Highlands, Nova Scotia, Canada. Geological Survey of Canada Open File Report #3372, 110 p. + CD-ROM.
- G22. Pe-Piper, G., Piper, D.J.W. and Hilton, E., 2002: Neoproterozoic plutonic rocks of the eastern Cobequid Highlands, N.S., Canada. Geological Survey of Canada Open File Report 4189.
- G23. Pe-Piper, G. and Dessureau, G., 2002: The West Moose River anorthosites, Avalon zone, Nova Scotia. Geological Survey of Canada Open File Report 4188.
- G24. Pe-Piper, G., Piper, D.J.W., Varti-Mataranga, M. and Matarangas, D., 2000: Petrology, geochemistry and geology of the island of Delos. Unpublished Report, Institute of Geology and Mineral Exploration, Athens, Greece, 44 pp and 22 diagrams.
- G25. Murphy, J.B., Pe-Piper, G., Nance, R.D., Turner, D. and Piper, D.J.W., 2000: Geology, eastern Cobequid Highlands, Nova Scotia. Geological Survey of Canada Open File Report, 3703, 2 map sheets.
- G26. Pe-Piper, G., Stea, R.R., Ingram, S., and Piper, D.J.W., 2004: Heavy minerals and sedimentary petrology of the Cretaceous sands from the Shubenacadie outlier, Nova Scotia. Nova Scotia Department of Natural Resources, Mineral Resources Branch, Open File Report ME2004-5, 78p.
- G27. Pe-Piper, G. and Piper, D.J.W., 2005. 1:50 000 geological maps of the Cobequid Highlands. 4 sheets. N.S. Dept. of Natural Resources.
- G28. Pe-Piper, Dolansky, L., and Piper, D.J.W., 2004: Petrography of the Lower Cretaceous Chaswood Formation in borehole RR-97-23, Elmsvale basin, Nova Scotia: sedimentary environment, detrital mineralogy and diagenesis. Geological Survey of Canada, Open File 4837.
- G29. Pe-Piper, G., Piper, D.J.W., Vaughan, A.D., Shannon, J. and Ingram S., 2004: Sedimentary petrology of Lower Cretaceous rocks of the southwestern Sable sub-basin (North

- Triumph B-52, Alma K-85 and Glenelg N-49 wells), Scotian Basin. Geological Survey of Canada, Open File 4836.
- G30. Pe-Piper, G., Piper, D.J.W., Hundert, T., and Stea, R.R., 2004: Outliers of Lower Cretaceous Chaswood Formation in northern Nova Scotia: results of scientific drilling and studies of sedimentology and sedimentary petrography. Geological Survey of Canada, Open File 4845.
- G31. Pe-Piper, G. and Mackay, R.M., 2005: Electron microprobe geochronology and chemical variation of detrital monazite from the Lower Cretaceous sandstones of the Scotian basin and the Chaswood Formation, eastern Canada. Geological Survey of Canada Open File 5023.
- G32. Pe-Piper, G., Okwese, A. and Piper, D.J.W., 2005: Volcanic ash and lignite of the Lower Cretaceous Chaswood Formation, central Nova Scotia. Geological Survey of Canada Open File 5080.
- G33. Pe-Piper, G., de Jonge, A., Piper, D.J.W. and Jansa, L.F., 2006. Morphology, petrography, age and origin of the Fogo Seamounts, eastern Canada. Geological Survey of Canada Open File 5182.
- G35. Pe-Piper, G., Piper, D.J.W., Hundert, T., Venugopal, D.K. and Okwese, A., 2007: The geology of the Atlantic Silica pit at Vinegar Hill, Poodiac, New Brunswick. New Brunswick Department of Natural Resources Open File 2007-1, 92 p.
- G36. Pe-Piper, G., Piper, D.J.W., Gould, K.M., and Shannon, J. 2006: Peskowsk A-99 well, Scotian Basin: petrographic studies of the Lower Cretaceous sequence. Geological Survey of Canada, Open File 5383.
- G37. Pe-Piper, G. and Piper, D.J.W. 2007: Sedimentary petrology of the Lower Cretaceous in the Naskapi N-30 and Sambro I-29 wells, Lahave Platform, Scotian basin. Geological Survey of Canada, Open File 5594, 98 p.
- G38. Pe-Piper, G., Triantafyllidis, S., Piper, D.J.W., Moulton, B. and Hubley, R.F., 2007. Lithogeochemical assessment of the Lower Cretaceous sediments of the Scotian Basin. Geological Survey of Canada, Open File 5644, 140 p.
- G39. Triantafyllidis, S., Pe-Piper, G., Yang, X. and Hillier, C., 2008: Detrital zircons as provenance indicators in the Lower Cretaceous sedimentary rocks of the Scotian Basin, Eastern Canada: A SEM-CL study of textures. Geological Survey of Canada, Open File 5746.
- G40. Karim, A., Pe-Piper, G. and Piper, D.J.W., 2008: Distribution of diagenetic minerals in Lower Cretaceous sandstones and their relationship to stratigraphy and lithofacies: Glenelg, Thebaud and Chebecto fields, offshore Scotian basin. Geological Survey of Canada, Open File 5880.
- G41. Triantafyllidis, S., Pe-Piper, G., MacKay, R. and Piper, D.J.W., 2010: Monazite as a provenance indicator for the Lower Cretaceous reservoir sandstones, Scotian Basin. Geological Survey of Canada, Open File 6732.
- G42. Pe-Piper, G. and Piper, D.J.W., 2009. Petrology and Mineralogy of Lower Cretaceous sedimentary rocks, Dauntless D-35 well, Scotian Shelf. Geological Survey of Canada, Open File 6280, 112 p.
- G43. Pe-Piper, G., MacKie, H., and Piper, D.J.W., 2009. Petrology, Mineralogy and Geochemistry of the Musquodoboit E-23 well, Scotian Shelf. Geological Survey of Canada, Open File 6281, 88 p.

- G44. Pe-Piper, G., Tsikouras, B., Piper, D.J.W., and Triantaphyllidis, S., 2009. Chemical fingerprinting of detrital minerals in the Upper Jurassic - Lower Cretaceous sandstones, Scotian Basin. Geological Survey of Canada, Open File 6288, 151 p.
- G45. Karim, A., Pe-Piper, G., Piper, D.J.W., and Hanley, J.J., 2010. Thermal history and the relationship between diagenesis and the reservoir connectivity: Venture field, offshore Nova Scotia, eastern Canada. Geological Survey of Canada, Open File 6557, 69 p.
- G46. Pe-Piper, G., Brown, E., Piper, D.J.W. and DeCoste, A., 2010. Upper Jurassic–Lower Cretaceous lithofacies, detrital petrology and diagenesis of the Louisbourg J-47 well, Scotian Shelf. Geological Survey of Canada Open File 6693.
- G47. Triantafyllidis, S., Pe-Piper, G., MacKay, R., Piper, D.J.W., and Strathdee, G., 2010. Monazite as a provenance indicator for the Lower Cretaceous reservoir sandstones, Scotian Basin. Geological Survey of Canada Open File 6732.
- G48. Gould, K.M., Karim, A., Piper, D.J.W. and Pe-Piper, G. 2010. A standard lithofacies scheme for the Missisauga and Logan Canyon formations of the Scotian Basin and its application to long sections of conventional core. Geological Survey of Canada, Open File 6745, 119 p.
- G49. Pe-Piper, G., Piper, D.J.W., Gould, K.M. and DeCoste, A., 2011. Lower Cretaceous lithofacies, detrital petrology and diagenesis of the Hesper I-52, Esperanto J-47 and South Griffin J-13 wells, Scotian Shelf. Geological Survey of Canada Open File 6821
- G50. Karim, A., Pe-Piper, G., and Piper, D.J.W. 2011. Distribution of diagenetic minerals in Lower Cretaceous sandstones and their relationship to lithofacies from a proximal to distal transect: Como P-21, Panuke B-90, Cohasset A-52, Balmoral M-32 and Lawrence D-14 wells, Scotian Basin. Geological Survey of Canada, Open File 6823, 379 p.
- G51. Gould*, K.M., Piper, D.J.W. and Piper, G., 2011. Lateral correlation of sediment facies in the Panuke and Venture fields, Scotian Basin: implications for reservoir connectivity. Geological Survey of Canada, Open File 6838, 86 p.
- G52. Pe-Piper, G., Piper, D.J.W., Lefort*, D. and Ledger-Piercey*, S., 2011. Sediment provenance and diagenesis, Lower Cretaceous of the Alma K-85 well, Scotian Shelf. Geological Survey of Canada, Open File 6837, 326 p.
- G53. Gould*, K.M., Piper, D.J.W., Karim*, A. and Pe-Piper, G., 2011. Lithofacies and diagenesis of selected conventional core from Jurassic and Lower Cretaceous terrigenous clastic rocks, Scotian basin. Geological Survey of Canada, Open File 6945, 157 p.
- G54. Pe-Piper, G., 2011. Additional “sedimentological” work to contribute to the PFA programme in the Upper Jurassic–Lower Cretaceous clastic systems, Scotian Basin. Annex 08 in: OETR (Offshore Energy Technical Research Association), Play Fairway Analysis Atlas - Offshore Nova Scotia. Nova Scotia Department of Energy Report 88-11-0004-01, 349 p. Also available online at: <http://www.novascotiaoffshore.com/analysis>
- G55. Sawatzky*, C. and Pe-Piper, G., 2012. Atlas of hot-cathode cathodoluminescence and optical microscope images of quartz as indicators of detrital provenance. Geological Survey of Canada, Open File 7060, 148 p.
- G56. Pe-Piper, G., Piper, D.J.W., Zhang*, Y., and Chavez*, I. , 2014. Occurrence and distribution of barite and sphalerite cement in the Mesozoic sandstones of the Scotian Basin; Geological Survey of Canada, Open File 7560, 340 p.

- G57. Zhang*, Y.Y., Pe-Piper G., and Piper, D.J.W., 2014. Variation of porosity and permeability with diagenetic minerals in the Scotian Basin, offshore eastern Canada and its implications for reservoir quality. Geological Survey of Canada Open File 7642.
- G57B. Pe-Piper, G and Yang, X, 2014. Albitisation of detrital feldspars in the Scotian Basin: implications for the thermal evolution of the basin. Geological Survey of Canada, Open File 7117, 496 pages, <https://doi.org/10.4095/293609> (Open Access)
- G58. Pe-Piper, G., Wisen*, J., Papoutsas*, A., and Piper, D.J.W., 2015. Mineralisation of fractured granites along the Cobequid Fault Zone: West Moose River Pluton, Cumberland Co., Nova Scotia. Geological Survey of Canada Open File 7759.
- G59. Pe-Piper, G., Piper, D.J.W., Chavez*, I., Zhang*, Y.Y., and Wisen*, J., 2015. Compositional variation of siderite and its significance in deciphering the diagenetic evolution of Lower Cretaceous sedimentary system of the Scotian Basin. Geological Survey of Canada Open File 7785, 323 p.
- G60. Sales de Oliveira*, C.E., Zhang*, Y., Pe-Piper, G., Piper, D.J.W., and Corney, R., 2015. Quartz provenance in the Mesozoic of the eastern Scotian Basin. Geological Survey of Canada Open File 7894, 507 p.
- G61. Pe-Piper, G., Piper, D.J.W., Zhang*, Y., and Sangster*, C., 2017. Hydrothermal alteration of fractured Carboniferous sedimentary rocks along the Cobequid Fault Zone, western Nova Scotia; Geological Survey of Canada, Open File 8102, 724 p. doi:10.4095/299610
- G62. Pe-Piper, G., Nagle*, J, and D.J.W., Piper, 2017. Igneous rocks and hydrothermal alteration of Lower Carboniferous sedimentary rocks, Clarke Head, Minas Fault Zone, western Nova Scotia. Open File 8314, 640 p.
- G63. Pe-Piper, G., Piper, D.J.W., and Imperial*, A., 2018. Electron microprobe mineral analyses from igneous rocks offshore southeastern Canada and northeastern USA, of Carboniferous to Cretaceous age; Geological Survey of Canada, Open File 8357, 43 p. <https://doi.org/10.4095/306386>
- G64. Pe-Piper, G., Piper, D.J.W., Kormann*, S.M. and Imperial*, A. 2018. Provenance of Quaternary sands on Flemish Cap, offshore Newfoundland; Geological Survey of Canada, Open File 8459, 206 p. <https://doi.org/10.4095/311204>
- G65. Pe-Piper, G., Piper, D.J.W., and Imperial*, A., 2019. Electron microprobe mineral analyses from Neoproterozoic to Carboniferous igneous rocks of the Cobequid Highlands, Nova Scotia; Geological Survey of Canada, Open File 8498, 24 p. <https://doi.org/10.4095/313485>
- G66. Pe-Piper, G., Nagle*, J., Piper, D.J.W. and Boucher, B., 2019. Detailed mineralogical data from hydrothermally altered igneous rocks at Clarke Head, Minas Fault Zone, western Nova Scotia; Geological Survey of Canada, Open File 8499, 383 p. <https://doi.org/10.4095/313604>
- G67. Pe-Piper, G., Wallace, K., and Piper, D.J.W., 2020. Sedimentary petrology of the upper Cree Member in the Cohasset A-52 well, Scotian Basin, offshore Nova Scotia; Geological Survey of Canada, Open File 8537, 1 .zip file. <https://doi.org/10.4095/321472>
- G68. Pe-Piper, G., Wallace, K., and Piper, D.J.W., 2019. Electron microprobe and scanning electron microscope mineral analyses of diagenetic minerals from Lower Cretaceous reservoir sandstone, Scotian Basin, offshore Nova Scotia; Geological Survey of Canada, Open File 8538, 1 .zip file. <https://doi.org/10.4095/313654>

- G69. Pe-Piper, G., Sangster, C., and Piper, D.J.W., 2020. Analysis of microfractures in Lower Cretaceous and Upper Jurassic sandstones of the Scotian Basin, offshore Nova Scotia; Geological Survey of Canada, Open File 8715, 317 p. <https://doi.org/10.4095/325459>
- G70. Pe-Piper, G., Sangster, C., Piper, D.J.W., and Opra, D.P., 2020. Provenance and diagenesis of sandstones in the deep wells Annapolis G-24, Balvenie B-79, Crimson F-81, Weymouth A-45, and Newburn H-23, Scotian Basin, offshore Nova Scotia; Geological Survey of Canada, Open File 8730, 1 .zip file. <https://doi.org/10.4095/326861>
- G71. Pe-Piper, G., Piper, D.J.W., Blowick, A., Gomez Garcia, G., Wallace, K., and Sangster, C., 2021. Detrital mineral provenance analyses from the Cretaceous McMurray Formation, Alberta and the Holocene Portneuf river delta, North Shore of Quebec. Geological Survey of Canada, Open File 8761, 391 pages.
- G72. Pe-Piper, G., Piper, D.J.W., Nagle, J., and Opra, P. 2022. Petrography of bedrock and ice-rafted granules: Flemish Cap, offshore Newfoundland and Labrador; Geological Survey of Canada, Open File 8938.
- G73. Pe-Piper, G., Piper, D.J.W., Nagle, J., and Opra, P. 2022. Petrography of bedrock and ice-rafted granules: Flemish Cap, offshore Newfoundland and Labrador; Geological Survey of Canada, Open File 8938.

Abstracts and communications at conferences

- A1. Pe-Piper, G., 1977: Source of the Miocene ignimbrites of Lesbos as shown by tephra orientations. VI Colloquium on the Geology of the Aegean region, Athens, 1977, Abstr. p.133.
- A2. Piper, D.J.W., Panagos, A.G and Pe, G.G., 1977: Miocene flysch between lake Trichonis and the Gulf of Patras, Greece. VI Colloquium on the Geology of the Aegean region, Athens 1977, Abstr. p.99.
- A3. Pe-Piper, G. and Jansa, L.F., 1982: Early Cretaceous basalts of the Scotian shelf. Atlantic Geoscience Society Meeting at Amherst. Abstract in Maritime Sediments and Atlantic Geology. Vol. 18.
- A4. Piper, D.J.W. and Pe-Piper G., 1982: Depositional setting of Pindos Zone Rocks of the Peloponnese, Greece. Presented at the "Geological Evolution of the Eastern Mediterranean". Edinburgh, Sept. 28-29, 1982, p.87 (abstracts).
- A5. Pe-Piper, G., 1983: Shoshonite petrogenesis inferred from zoned pyroxenes. GAC-MAC Joint Annual Meeting, Victoria, v. 8, p. AS4.
- A6. Pe-Piper, G and Jansa, L.F., 1983: Cretaceous intra-plate volcanicity on the southeast Canadian continental margin. GAC-MAC Joint Meeting, Victoria, v. 8, p. AS4.
- A7. Pe-Piper, G., 1984: Potash micas in low-grade mafic metavolcanics. GAC-MAC Joint Annual Meeting, London, v. 9, p. 96. 8. Jansa, L.F. and Pe-Piper, G., 1985: Paleozoic in the Northumberland Strait and tectonic significance of intercalated igneous rocks. Atlantic Geoscience Society Meeting, Wolfville, N.S., January 18-19.

- A8. Pe-Piper, G., MacDonald, A., Boner, F., Blank, M. and Piper, D.J.W., 1985: Precambrian geology of the eastern Cobequid Hills, Nova Scotia. Atlantic Geoscience Society Meeting, Wolfville, N.S., January 18-19.
- A9. Pe-Piper, G. and Jansa, L.F., 1986: Geochemistry of Cretaceous igneous rocks on the eastern North American margin. GAC-MAC Joint Annual Meeting, Ottawa, v. 11, p. 113.
- A10. Pe-Piper, G. and Piper, D.J.W., 1986: Hadrynian and lower Paleozoic geology of the Western Cobequid Hills, Nova Scotia. Atlantic Geoscience Society Meeting, Amherst, N.S., January 17- 18, p. 22
- A11. Jansa, L.F., Robertson, B. and Pe-Piper, G., 1986: Montagnais: The first discovery of a submarine impact structure. Meteoritical Society meeting, New York, Sept. 1986.
- A12. Pe-Piper, G. and Piper, D.J.W., 1986: Large mafic intrusions in Devonian-Carboniferous granites along the Cobequid fault. Atlantic Geoscience Society Meeting, Amherst, N.S., January 17-18, p. 23.
- A13. Jansa, L.F., Pe-Piper, G., Robertson, B. and Friedenreich, O., 1987: First meteorite impact into ocean discovered. GAC-MAC Joint Annual Meeting, Saskatoon, v. 12, p. 58.
- A14. Pe-Piper, G., Turner, D.S. and Piper, D.J.W., 1987: Hadrynian appinitic plutons with primary actinolite along the Cobequid Fault Zone, Nova Scotia. GAC-MAC Joint Annual Meeting, Saskatoon, v. 12, p. 79.
- A15. Jansa L.F., Pe-Piper, G., Robertson, B. and Friedenreich, O., 1987: First meteorite impact crater in the ocean discovered. Geological Society of America Annual Meeting.
- A16. Jansa, L.F., Pe-Piper, G., Robertson, B. and Friedenreich, O., 1988: Meteorite impact crater on the North Atlantic Shelf. Lunar and Planetary Science Conference.
- A17. Pe-Piper, G., Turner, D.S. and Piper, D.J.W., 1988: Petrology and geochemistry of the Jeffers Brook dioritic complex. Atlantic Geoscience Society Meeting, Antigonish, N.S., February.
- A18. Piper, D.J.W., Pe-Piper, G., Waldron, J.W.F., Murphy, J.B. and Cormier, R.F., 1988: Carboniferous faulting , deformation and igneous intrusion in the western Cobequid Hills. Atlantic Geoscience Society Meeting, Antigonish, N.S., February.
- A19. Murphy, J.B., Pe-Piper, G., Nance, R.D. and Turner, D., 1988: Geology of the Eastern Cobequid Highlands. Atlantic Geoscience Society Meeting, Antigonish, N.S., February.
- A20. Pe-Piper, G., Murphy, J.B. and Turner, D.S., 1988: Petrology and geochemistry of the Carboniferous plutons of the eastern Cobequid Hills. GAC-MAC Joint Annual Meeting, St John's, May.
- A21. Murphy, J.B. and Pe-Piper, G., 1988: Late Precambrian development of a volcanic arc rift in the Avalon Terrane of Northern Mainland Nova Scotia. GAC-MAC Joint Annual Meeting, St John's, May.
- A22. Piper, D.J.W., Waldron, J.W.F. and Pe-Piper, G., 1988: Deformation of the Cape Chignecto Pluton, western Cobequids: a record of Avalon-Meguma convergence. GAC-MAC, Joint Annual Meeting, St John's, May.
- A23. Pe-Piper, G. and Loncarevic, B., 1988: Offshore continuation of Meguma Terrane, southwest Nova Scotia. GAC-MAC Joint Annual Meeting, St John's, May.
- A24. Piper, D.J.W. and Pe-Piper, G., 1989: The Pindos Zone of the Peloponnese; regional variation and its significance. Tethyan Working Group, Edinburgh, Scotland, April, 1989.
- A25. Kay, W.A., Keen, C.E., Stockmal, G.S., Marillier, F., McLean, B., Keppie, D.J., Pe-Piper, G. and Waldron, J.W.F. 1990. Lithoprobe East Marine Deep Multichannel Seismic

- Reflection Data, Bay of Fundy and Gulf of Maine. GAC-MAC Joint Annual Meeting, Vancouver, Vol.15, p.A68.
- A26. Pe-Piper, G. 1990. Coexisting felsic and mafic magmas in carboniferous A-type granites, Cobequid Fault Zone, N.S.: A study of the role of volatiles in element enrichment. GAC-MAC Joint Annual Meeting, Vancouver, Vol.15, p.A103.
- A27. Jansa, L.F. and Pe-Piper, G. 1990. New radiometric data from basement rocks offshore Nova Scotia. Atlantic Geoscience Society Meeting, Wolfville, N.S., p.17.
- A28. Pe-Piper, G. and Piper, D.J.W. 1990. Role of volatiles in the petrogenesis of the carboniferous North River and West Moose River plutons, Cobequid Highlands. Atlantic Geoscience Society Meeting, Wolfville, N.S., p.27.
- A29. Doig, R., Murphy, J.B., Nance, R.D. and Pe-Piper, G. 1990. U-Pb geochronology of Precambrian rocks, Eastern Cobequid Highlands, Avalon Terrane, N.S. Atlantic Geoscience Society Meeting, Wolfville, N.S., p.12.
- A30. Piper, D.J.W., Pancura, H. and Pe-Piper, G. 1991. A mineralised early Carboniferous caldera complex, northern Cape Chignecto: a progress report. Atlantic Geoscience Society Meeting, Amherst, N.S., February 1991.
- A31. Pe-Piper, G., and Piper, D.J.W., 1991. Petrology and geological significance of Miocene magnesian andesites, Oxyliothos, Evia, Greece. GAC-MAC Joint Annual Meeting, Toronto, Vol. 16, p. A97.
- A32. Pe-Piper, G., Jansa, L.F. and Lambert, R. St.J. 1991. Early Mesozoic magmatism on the eastern Canadian margin: indicates plume influence. GAC-MAC Joint Annual Meeting, Toronto, Vol. 16, p. A97.
- A33. Jansa, L.F., Loncarevic, B. and Pe-Piper, G., 1992. Cretaceous diabase dykes in the Proterozoic basement offshore Cape Breton, Nova Scotia and the offshore extension of the meguma Group. GAC-MAC Joint Annual Meeting, Wolfville, N.S., Vol. 17, p. A52.
- A34. Nearing, J., Pe-Piper, G. and Piper, D.J.W., 1992. Hydrothermal alteration of Devonian-Carboniferous plutons along the Cobequid fault zone, Nova Scotia. GAC-MAC Joint Annual Meeting, Wolfville, N.S., Vol. 17, p.83.
- A35. Pe-Piper, G., Jansa, L.F. and Lambert, R.St.J., 1992. Basement rocks of the Meguma Zone offshore Nova Scotia. GAC-MAC Joint Annual Meeting, Wolfville, N.S., Vol. 17, p.90.
- A36. St. Seymour, K., Kotopouli, C., Tsikouras, V. and Pe-Piper, G., 1992. Tectonic environment of emplacement of the Samothraki granite and its relationship to Tertiary arc development, Northern Aegean arc. GAC-MAC Joint Annual Meeting, Wolfville, N.S., Vol.17, p.A97.
- A37. Pe-Piper, G. 1992. Volcanic arc migration and Neogene development of Back-arc volcanism in the Aegean Sea. Volcanism associated with extension at consuming plate margins. International, Thematic Volcanic Studies Group meeting Geological Society of London. Cambridge, England, 9-10 March, 1992.
- A38. Piper, D.J.W. and Pe-Piper, G., 1993. Deformation and igneous intrusion in the Cobequid Highlands: relation to extension of the Magdalen Basin. Atlantic Geoscience Society Meeting, Halifax, N.S., February 1993.
- A39. Pe-Piper, G., 1993. Why women give up Earth Sciences: high school to graduate school. GAC-MAC Joint Annual Meeting, Edmonton Alberta, v. 18, p. A-82

- A40. Pe-Piper, G., 1993. Neogene development of "back-arc volcanism" during extension in the Aegean sea: isotopic evidence. GAC-MAC Joint Annual Meeting, Edmonton Alberta, v. 18, p.A-83
- A41. Pe-Piper, G., Jansa, L.F. and Palacz, Z., 1993. Cretaceous felsic igneous rocks offshore on the Grand Banks: geochemistry and regional significance. GAC-MAC Joint Annual Meeting, Edmonton Alberta, v. 18, p. A-82.
- A42. Pe-Piper, G., Koukouvelas, I. and Piper, D.J.W., 1994. Pluton emplacement by wall-rock thrusting and roof lifting in the western Cobequid Highlands, Nova Scotia. Atlantic Geoscience Society Meeting, Amherst, N.S., February 1994.
- A43. Pe-Piper, G. and Piper, D.J.W., 1994. Petrographic and geochemical evaluation of the mantle-plume hypothesis for the opening of the Devonian-Carboniferous Magdalen Basin. Atlantic Geoscience Society Meeting, Amherst, N.S., February 1994.
- A44. Eleftheriadis, G., Pe-Piper, G., Christofides, G., Soldatos, T. and Esson, J., 1994. K-Ar dating of the Samothraki volcanic rocks, Thrace, North-Eastern Aegean (Greece).
- A45. Pe-Piper, G., and Piper, D.J.W., 1995. Rapid extension and subduction-related rocks in the Aegean. GAC-MAC Joint Annual Meeting, Victoria British Columbia, v. 20, p. A-82.
- A46. Pe-Piper, G., and Kotopouli, C., 1995. Miocene granites of Naxos (Greece) emplaced into a major extensional detachment fault above an active subduction zone. GAC-MAC Joint Annual Meeting, Victoria British Columbia, v. 20, p. A-81.
- A47. Pe-Piper, G. and Booth, I., 1995. Sequence of zeolites in Jurassic Basalt, Nova Scotia, Canada. Sofia Zeolite Meeting '95, June 18-25, Bulgaria.
- A48. Pe-Piper, G., Koukouvelas, I. and Piper, D.J.W., 1996. Geochemical and structural evolution of a shear zone granite with dyke-to-pluton emplacement: the Pleasant Hills pluton, Canadian Appalachians. GAC-MAC Joint Annual Meeting, Winnipeg, Manitoba, v. 21, p. A-73.
- A49. Koukouvelas, I., Pe-Piper, G. and Piper, D.J.W., 1996. Structural implication of granitic magmas in accreted Terrain Fronts: An example from the Cobequid Highlands, Nova Scotia. In: Structure and properties of high strain zones in rocks. Meeting under the aegis of: IUGS Commission on Tectonics. Abstract volume edited by E. Pera, L.Burlini, E.H. Rutter, T. James, p. 98.
- A50. Pe-Piper, G., 1997. Origin of zeolites in zoned amygdales from the North Mountain Basalt, Nova Scotia. Atlantic Geoscience Society Meeting, Amherst, N.S., February 1997.
- A51. Pe-Piper, G. and Piper, D.J.W., 1997. New draft 1:50 000 digital maps of the Cobequid Highlands. Atlantic Geoscience Society Meeting, Amherst, N.S., February 1997.
- A52. Doucette, C. and Pe-Piper, G., 1997. Digital mapping of the Wentworth plutonic complex, Cobequid Highlands, Nova Scotia, and petrology of its felsic phases. Atlantic Geoscience Society Meeting, Amherst, N.S., February, 1997.
- A53. Miller, L.J. and Pe-Piper, G., 1997. Zeolite assemblages in the North Mountain Basalt along the north shore of the Minas Basin, Nova Scotia. Atlantic Geoscience Society Meeting, Amherst, N.S., February 1997.
- A54. Nearing, J., Reynolds, P.H. and Pe-Piper, G., 1997. Devonian-Carboniferous $^{40}\text{Ar}/^{39}\text{Ar}$ thermochronology of the Cobequid Highlands, Nova Scotia. GAC-MAC Joint Annual Meeting, Ottawa, Ontario, v. 22, p. A-108.
- A55. Pe-Piper, G., 1997. Sequences of hydrothermal zeolites from the North Mountain Basalt, Nova Scotia. GAC-MAC Joint Annual Meeting, Ottawa, Ontario, v. 22, p. A-114.

- A56. Koukouvelas, I., Pe-Piper, G., and Piper, D.J.W., 1997. Structural evolution of the Devonian-Carboniferous granites in the Cobequid Highlands, Nova Scotia. GAC-MAC Joint Annual Meeting, Ottawa, Ontario, v. 22, p. A-81.
- A57. Dunning, G., Piper, D.J.W., Giles, P.S., Pe-Piper, G., and Barr, S., 1997. Chronology of the early phases of rifting of the Devonian-Carboniferous Magdalen Basin in Nova Scotia from U/Pb dating of rhyolites. GAC-MAC Joint Annual Meeting, Ottawa, Ontario, v. 22, p. A-42.
- A58. Pe-Piper, G. and Piper, D.J.W., 1997. Nd and Pb isotopic evidence for the geochemical evolution of the Devonian-Carboniferous igneous rocks of the Magdalen basin. GAC-MAC Joint Annual Meeting, Ottawa, Ontario, v. 22, p. A-115.
- A59. Pe-Piper, G. and Piper, D.J.W., 1998. Tectonic significance of Cenozoic magmatism in the Aegean area inferred from Nd, Sr and Pb isotopes. GAC-MAC Joint Annual Meeting, v. 23, p.
- A60. Pe-Piper, G. and Piper, D.J.W., 1998. Tectonic significance of Nd, Sr and Pb isotopic composition of Cenozoic magmatism in the Aegean area. European Geophysical Society Meeting in Nice, France, v. 16, supp. 1, p. C173.
- A61. Pe-Piper, G. and Dessureau, G., 1999. The West Moose River anorthosite, Cobequid Highlands, Nova Scotia. Atlantic Geoscience Society Meeting, Amherst, N.S., February 1999.
- A62. Piper, D.J.W. and Pe-Piper, G., 1999. Tournasian thrusting in the northeastern Cobequid Highlands, Nova Scotia and its regional significance. Atlantic Geoscience Society Meeting, Amherst, N.S., February 1999.
- A63. Pe-Piper, G. and Dessureau, G., 1999. The West Moose River anorthosite, Cobequid Highlands, Nova Scotia. GAC-MAC Joint Annual Meeting, Sudbury, Ontario, p. 96.
- A64. Stea, R. R. and Pe-Piper, G. 1999. Using whole rock geochemistry to locate the source of igneous erratics from drumlins on the Atlantic coast of Nova Scotia. Atlantic Geoscience Society Meeting, Fredericton, N.B., February 2000.
- A65. Pe-Piper, G. and Piper, D.J.W., 2000. New 1:50 000 geological maps of the Cobequid Highlands, Nova Scotia. Atlantic Geoscience Society Meeting, Fredericton, N.B., February 2000.
- A66. Piper, D.J.W., Pe-Piper, G. and Koukouvelas, I., 2000. Emplacement style of the Wentworth plutonic complex, Cobequid Highlands. Atlantic Geoscience Society Meeting, Fredericton, N.B., February 2000.
- A67. Pe-Piper, G., Piper, D.J.W. and Koukouvelas, I., 2000. Emplacement processes and geochemical evolution of a complex granite-gabbro pluton, Cobequid Shear Zone, early Carboniferous of Nova Scotia. GAC-MAC Joint Annual Meeting, Calgary, Alberta.
- A68. Ingram, S. and Pe-Piper, G., 2001. The New Cornwall syenogranite, Nova Scotia: petrology and geochemistry. Atlantic Geoscience Society Meeting, Moncton, N.B., February, 2001.
- A69. Pe-Piper, G., de Jonge, A., Piper, D.J.W. and Jansa, L.F., 2001. Petrography, age and origin of the Fogo seamounts south of Newfoundland. GAC-MAC Joint Annual Meeting, St. John's, Newfoundland.
- A70. St. Seymour, K., Vamvoukakis, C., Lamera, S., Kouli, M., Pe-Piper, G. and Paraskevas, H., 2001. The Polychnitos Ignimbrite of Lesbos. GAC-MAC Joint Annual Meeting, St. John's, Newfoundland.

- A71. Gobeil, J-P., Pe-Piper, G., Piper, D.J.W. and Stea, R.R., 2002: Stratigraphy, sedimentology, and depositional setting of the Lower Cretaceous Chaswood Formation in the West Indian Road pit, Nova Scotia. Atlantic Geoscience Society Meeting, Antigonish N.S., February 2002.
- A72. Gobeil, J-P., Pe-Piper, G., Piper, D.J.W. and Stea, R.R., 2002: Sources and depositional setting of the Chaswood Formation: An onland age equivalent of the offshore Cretaceous gas reservoirs. GAC-MAC Joint Annual Meeting, Saskatoon, Saskatchewan.
- A73. Pe-Piper, G., Dolansky, L., Gobeil, J-P., Piper, D.J.W., and Stea, R.R., 2002: Structural setting, stratigraphy, and detrital petrology of the mid-Cretaceous Chaswood Formation and its relationship to the Scotian Basin. Petroleum Society of CIM-Halifax section 6th Annual Petroleum Technical Seminars, October 2002, Halifax N.S., Program and Abstracts, p. 31.
- A74. Pe-Piper, G., de Jonge, A., Piper, D.J.W., and Jansa, L.F., 2003: Morphology, petrography, age and origin of Fogo Seamount chain offshore eastern Canada. EGS-AGU-EUG Joint Assembly, Nice, France, April 2003, p. 48.
- A75. Pe-Piper, G., and Piper, D.J.W., 2003: New perspectives on the South Aegean active volcanic arc. International Conference on "South Aegean Active Volcanic Arc, Present Knowledge and Future Perspectives" in Milos island, Greece, September 2003.
- A76. Pe-Piper, G., Piper, D.J.W., Perissoratis, C., 2003: The Kos Plateau Tuff: an entirely terrestrial deposit that has later subsided into deep water. International Conference on "South Aegean Active Volcanic Arc, Present Knowledge and Future Perspectives" in Milos island, Greece, September 2003.
- A77. Pe-Piper, G., 2003 (Keynote): 50 million years of plate convergence: The Cenozoic Igneous Rocks of Greece. International Conference on "South Aegean Active Volcanic Arc, Present Knowledge and Future Perspectives" in Milos island, Greece, September 2003.
- A78. Pe-Piper, G., Piper, D.J.W., and Dolansky, L.M., 2004: The alteration of ilmenite in the Cretaceous sandstones of Nova Scotia. Atlantic Geoscience Society Meeting, Moncton, N.B., January 2004, p.25.
- A79. Dolansky, L.M., Pe-Piper, G., and Piper, D.J.W., 2004: Lithofacies, detrital petrology, and diagenesis of the Chaswood Formation: a detailed examination of borehole RR-97-23. Atlantic Geoscience Society Meeting, Moncton, N.B., January 2004, p.13-14.
- A80. Piper, D.J.W., and Pe-Piper, G., 2004: The effects of strike-slip motion along the Cobequid-Chedabucto-SW Grand Banks fault system on the Cretaceous-Tertiary evolution of Atlantic Canada. Atlantic Geoscience Society Meeting, Moncton, N.B., January 2004, p.25-26.
- A81. Hundert, T., Pe-Piper, G., Piper, D.J.W., and Stea, R.R., 2004: Lithostratigraphy and sedimentary petrography of early Cretaceous outlier basins, northern Nova Scotia. Atlantic Geoscience Society Annual Meeting, Moncton, N.B., January 2004, p.16-17.
- A82. Stea, R.R., Pe-Piper, G., and Piper, D.J.W., 2004: Early Cretaceous outliers in northern Nova Scotia: the fault connection. Atlantic Geoscience Society Meeting, Moncton, N.B., January 2004, p.29.
- A83. McCall, C., Pe-Piper, G., and Todd, B.J., 2004: Bedrock of German Bank, southwestern Scotia Shelf: offshore continuation of the Meguma Terrane. Atlantic Geoscience Society Meeting, Moncton, N.B., January 2004, p.23.

- A84. Weir Murphy, S.L., Pe-Piper, G., Piper, D.J.W., and MacRae, R.A., 2004: Cretaceous rocks of Orpheus Graben, offshore Nova Scotia. Atlantic Geoscience Society Meeting, Moncton, N.B., January 2004, p.32-33.
- A85. Pe-Piper, G., 2004 (Plenary): Unique features of Greek Cenozoic igneous rocks: tectonics and magma sources. 5th International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece, April, 2004.
- A86. Piper, D.J.W., Pe-Piper, G., Perissoratis, C., and Anastasakis, G., 2004: Submarine volcanic rocks around Santorini and their relationship to faulting. 5th International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece, April 2004.
- A87. Pe-Piper, G., and Piper, D.J.W., 2004: Miocene igneous rocks of Samos: magma evolution during continental back-arc extension. 5th International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece, April, 2004.
- A88. Tsikouras, B., Pe-Piper, G., and Hatzipanagiotou, K., 2004: Evolution of boninites in the Pindos Ophiolite, Greece, and their significance in the development of the Pindos ocean. 5th International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece, April, 2004.
- A89. Gould, K., Pe-Piper, G., and Piper, D.J.W., 2005: Tectonic influence on Quaternary volcanism of Methana, South Aegean arc, Greece. Atlantic Geoscience Society Meeting, Saint John, N.B., February 2005, p. 21.
- A90. Hundert, T., Pe-Piper, G., Piper, D.J.W., 2005: Further un-earthing of the hidden Cretaceous basins of central Nova Scotia using seismic reflection profiles and clay mineralogy. Atlantic Geoscience Society Meeting, Saint John, N.B., February 2005, p. 23.
- A91. Moulton, B., and Pe-Piper, G., 2005: Magma evolution in the Pliocene-Pleistocene succession of Kos, South Aegean arc: petrographic evidence for magma mixing. Atlantic Geoscience Society Meeting, Saint John, N.B., February 2005, p. 34.
- A92. Okwese, A., Pe-Piper, G., and Piper, D.J.W., 2005: Chaswood Formation lignites record mid-Cretaceous volcanic eruptions. Atlantic Geoscience Society Meeting, Saint John, N.B., 2005, p. 35-36.
- A93. Pe-Piper, G., and Piper, D.J.W., 2005: The influence of neotectonics and strike-slip faulting on arc magmatism: the example of the South Aegean arc. Atlantic Geoscience Society Meeting, Saint John, N.B., February 2005, p. 36-37.
- A94. Piper, D.J.W., Pe-Piper, G., Venugopal, D.V., and Hundert, T., 2005. The Chaswood formation at the Atlantic Silica pit, Vinegar Hill, Pondiac, NB and its relevance to the regional depositional pattern of the Chaswood Formation. Atlantic Geoscience Society Meeting, Saint John, N.B., February 2005, p. 37.
- A95. Pe-Piper, G. and Piper, D.J.W., 2005: Detrital petrology, provenance and sediment dispersion in the Lower Cretaceous Missisauga and Logan Canyon formations and correlative onshore rocks, Scotian Basin. GAC-MAC Joint Annual Meeting, Halifax, Nova Scotia, v. 30, p. 68.
- A96. Pe-Piper, G., and MacKay R., 2005: Electron microprobe geochronology of detrital monazite from the Lower Cretaceous of the Scotian Basin and the Chaswood Formation. GAC-MAC Joint Annual Meeting, Halifax, Nova Scotia, v. 30, p. 83.

- A97 Moulton, B., Pe-Piper, G., 2005: Magma evolution in the Pliocene-Pleistocene succession of Kos, South Aegean arc: petrographic evidence for magma mixing. GAC-MAC Joint Annual Meeting, Halifax, Nova Scotia, v. 30, p. 86.
- A98. Okwese, A., and Pe-Piper, G., 2005: Early Cretaceous volcanic eruptions in southeastern Canada: The record from lignites of the Chaswood Formation of Nova Scotia. GAC-MAC Joint Annual Meeting, Halifax, Nova Scotia, v. 30, p. 83.
- A99. Weir-Murphy, S., Pe-Piper, G., MacRae, A., and Piper, D.J.W., 2005: Cretaceous rocks of Orpheus Graben, offshore Nova Scotia, deposited in a strike-slip basin. GAC-MAC Joint Annual Meeting, Halifax, Nova Scotia, v. 30, p. 40.
- A100. Gould, K., Pe-Piper, G., and Piper, D.J.W., 2005: Tectonic influences on Quaternary volcanism of Methana, South Aegean arc, Greece. GAC-MAC Joint Annual Meeting, Halifax, Nova Scotia, v. 30, p. 73.
- A101. Koukouvelas, I., Pe-Piper, G., Piper, D.J.W., Kokkalas, S., and Dolansky, L.M., 2005: The Miocene volcanism of Limnos, NE Greece. International Symposium on the Geodynamics of Eastern Mediterranean: Active tectonics of the Aegean Region. Istanbul Turkey, June 2005.
- A102. Koukouvelas, I., Pe-Piper, G., Piper, D.J.W., Kokkalas, S. and Dolansky, L.M., 2005. The Miocene volcanism of Limnos, NE Greece. Meeting of the Geological Society of Greece, September 2005, Samothraki island, Greece.
- A103. Pe-Piper, G., 2005: Cretaceous rocks onshore Nova Scotia and their relevance to understanding sources, diagenesis and reservoir rocks of the Scotian Basin. Hydrocarbon workshop, Halifax, organized by PRAC.
- A104. Pe-Piper, G. and Piper, D.J.W., 2006. Interplay of tectonics, volcanism and diagenetic processes in Lower Cretaceous sediments of the Chaswood Formation and Scotian Basin. Atlantic Geoscience Society Meeting, Wolfville N.S., February 2006, p. 59.
- A105. Piper, D.J.W., Pe-Piper, G. and Jansa, L.F., 2006. Origin and tectonic significance of the Early Cretaceous Fogo Seamounts. Atlantic Geoscience Society Meeting, Wolfville N.S., February 2005, p. 60.
- A106. Fensome, R., Pennanen, J., Fedak, T., MacRae, A., Olsen, P., Wade, J., Williams, G., Adams, K., Bates, J., Brown, D., Falcon-Lang, H., Goodwin, K., Miller, R., Pe-Piper, G., and Skilliter, D., 2006. Dinosaurs, deserts and volcanoes: the creation of a series of paintings depicting scenes from the Mesozoic Fundy Basin of Nova Scotia and New Brunswick. Atlantic Geoscience Society Meeting, Wolfville N.S., February 2006, p. 30.
- A107. Pe-Piper, G., Piper, D.J.W., Koukouvelas, I., Dolansky, L.M. and Kokkalas, S., 2006: The Miocene volcanic rocks of Limnos, Greece: origin of shoshonitic rocks from dehydration melting of metadiorite underplating continental crust. GAC-MAC Joint Annual Meeting, Montreal, Quebec, v. 31, p. 118
- A108. Pe-Piper, G. and Piper, D.J.W., 2006: Integrated study of provenance and sediment dispersion in the Lower Cretaceous fluvial-deltaic Scotian Basin, southeastern Canada. 17th International Sedimentological Congress, Fukuoka, Japan.
- A109. Tsikouras, B., Pe-Piper, G. and Skarpelis, N., 2006: Petrology of Miocene igneous rocks of Lavrion area (SE Attica, Greece). Neogene Magmatism of the Central Aegean and Adjacent Areas: Petrology, Tectonics, Geodynamics, Mineral Resources and Environment. 11-13 September 2006, Milos Island, Greece.

- A110. Tsoukalas, N., Pe-Piper, G. and Piper, D.J.W., 2006: Architecture of upper Miocene ignimbrites of the island of Kos, Greece. Neogene Magmatism of the Central Aegean and Adjacent Area: Petrology, Tectonics, Geodynamics, Mineral Resources and Environment. 11-13 September 2006, Milos Island, Greece
- A111. Pe-Piper, G., Piper, D.J.W., Koukouvelas, I., Dolansky, L.M. and Kokkalas, S., 2006: Petrogenesis of Miocene banakites of Limnos from dehydration melting of metadiorite underplating continental crust. Neogene Magmatism of the Central Aegean and Adjacent Area: Petrology, Tectonics, Geodynamics, Mineral Resources and Environment. 11-13 September 2006, Milos Island, Greece.
- A112. Pe-Piper, G. and Piper, D.J.W., 2007. Post-collisional shoshonites: product of dehydration melting of subduction-enriched metadiorite underplated at the base of crust. Atlantic Geoscience Society Meeting, Moncton N.B., February 2007, p. 32.
- A113. Piper, D.J.W., Nofall, R., McKee, H. and Pe-Piper, G. 2007. How to get into deep water: sand transport seaward of early Cretaceous deltas in the Scotian Basin. Atlantic Geoscience Society Meeting, Moncton N.B., February 2007, p. 33.
- A114. Nofall, R., Pe-Piper, G. and Piper, D.J.W., 2007. Detrital zircons as provenance indicators in the Cretaceous Chaswood Formation. Atlantic Geoscience Society Meeting, Moncton N.B., February 2007, p. 29.
- A115. Gould, K., Pe-Piper, G. and Piper, D.J.W., 2007. Origin of chlorite rims in reservoir sandstones of the Lower Missisauga Formation, offshore Nova Scotia. Atlantic Geoscience Society Meeting, Moncton N.B., February 2007, p. 20.
- A116. Tsoukalas, N., Pe-Piper, G. and Piper, D.J.W., 2007. Architecture and origin of the Upper Miocene ignimbrites, island of Kos, Greece. Atlantic Geoscience Society Meeting, Moncton N.B., February 2007, p. 40.
- A117. Pe-Piper, G. 2007. How detrital geochemistry and mineralogy influence diagenesis: a case study from the Scotian Basin (Cretaceous, Eastern Canada). 25th IAS Regional Meeting (invited keynote)
- A118. Liati, A., Skarpelis, N. and Pe-Piper, G., 2007. Deciphering the time of igneous activity in the Lavrion Ore Province, Attica, Greece; Manifestation of Late Miocene and Triassic magmatism. 17th V.M. Goldschmidt Conference, 19th-24th August, 2007, Cologne, Germany, Program volume p. 65.
- A119. Pe-Piper, G., 2007. Diagenesis in the Scotian Basin: An overview of issues. N.S. Offshore Basin Forum, OETR Association, October (1,2) 2007. Invited.
- A120. Pe-Piper, G., 2007. River Sources and Dispersion of Lower Cretaceous sands. N.S. Offshore Basin Forum, OETR Association, October (1,2), 2007. Invited.
- A121. Triantafyllidis, S., Pe-Piper, G. and Piper, D.J.W., 2007. Preliminary results on the provenance of the Lower Cretaceous sediments of the Scotian Basin based on whole-rock geochemical analysis. N.S. Offshore Basin Forum, OETR Association, October (1,2), 2007.
- A122. Gould, K., Pe-Piper, G., Piper, D.J.W. and MacCrae, A., 2007. Origin of chlorite rims in reservoir sandstones of the Lower Missisauga Formation, offshore Nova Scotia. N.S. Offshore Basin Forum, OETR Association, October (1,2), 2007.
- A123. Piper, D.J.W., Nofall, R., McKee, H. and Pe-Piper, G., 2007. How to get into deep water: sand transport seaward of early Cretaceous deltas in the Scotian basin. N.S. Offshore Basin Forum, OETR Association, October (1,2), 2007.

- A124. Pe-Piper, G. and Piper, D.J.W., 2008: Controls on reservoir distribution. OETR Association, Halifax, January (9, 10) 2008.
- A125. Gould, K., Pe-Piper, G. and Piper, D.J.W., 2008. Chlorite diagenesis in reservoir sandstones of the Lower Missisauga Formation, offshore Nova Scotia. Atlantic Geoscience Meeting, Halifax, N.S., February 2008, p. 27
- A126. Triantafyllidis, S., Pe-Piper, G., Mackay, R. and Piper, D.J.W., 2008. Monazite as provenance indicator for the Lower Cretaceous reservoir sandstones, Scotian Basin. Atlantic Geoscience Society Meeting, Halifax N.S., February 2008, p. 53.
- A127. Triantafyllidis, S., Pe-Piper, G. and Piper, D.J.W., 2008. Geochemical identification of clastic sediment provenance from known sources of similar geology: the Cretaceous Scotian Basin, offshore eastern Canada. Atlantic Geoscience Society Meeting, Halifax N.S., February 2008, p. 54.
- A128. Tsoukalas, N., Pe-Piper, G. and Piper, D.J.W., 2008. Unravelling the sources of the thick Miocene pyroclastic flows, Kos (Greece). Atlantic Geoscience Society Meeting, Halifax N.S., February, 2008, p. 54.
- A129. Karim, A., Pe-Piper, G. and Piper, D.J.W., 2008. Cement timing and distribution in Lower Cretaceous sandstones: Glenelg, Thebaud and Chebucto fields, offshore Scotian Basin. Atlantic Geoscience Society, Halifax N.S., February, 2008, p. 31.
- A130. Pe-Piper, G. and Piper, D.J.W., 2008. River sources and the transfer of sands to deep-water, Lower Cretaceous, Scotian basin. OETR Association, Antigonish, May (24, 25) 2008.
- A131. Pe-Piper, G., Triantafyllidis, S. and Piper, D.J.W., 2008. River source and dispersion of Lower Cretaceous sands, Scotian basin. Conjugate Margins Conference, Halifax N.S., August 2008.
- A132. Piper, D.J.W., Karim, A., Pratt, H., Nofall, R., Gould, K., Foley, J. and Pe-Piper, G., 2008. Hyperpycnal river floods and the deposition of Lower Cretaceous sands, Scotian Basin. Conjugate margins Conference, Halifax N.S., August 2008.
- A133. Karim, A., Pe-Piper, G. and Piper, D.J.W., 2008. Distribution of diagenetic alterations in Lower Cretaceous sandstones within a depositional facies and sequence stratigraphic framework: Glenelg, Thebaud and Chebucto fields, offshore Scotian Basin. Conjugate Margins Conference, Halifax N.S., August 2008.
- A134. Bowman, S., Pe-Piper, G. and Piper, D.J.W., 2008. Revisiting Cretaceous tectonism and volcanism in the Laurentian sub-basin and Orpheus graben, offshore Nova Scotia. Conjugate Margins Conference, Halifax N.S., August 2008.
- A135. Okwese, A.C., Pe-Piper, G. and Piper, D.J.W., 2008. Seafloor diagenesis of the Scotian Basin: the role of Fe, Ti and P. Conjugate Margins Conference, Halifax N.S., August 2008.
- A136. Pe-Piper, G., Kamo, S.L., and McCall, C., 2009. The German Bank pluton, offshore SW Nova Scotia: age, geochemistry and regional significance for the Alleghanian orogeny. Atlantic Geoscience Society Meeting, Munciton N.B, February 2009, p. 27.
- A137. Okwese, A., Pe-Piper, G., and Piper, D.J.W., 2009. The relationship of transgressive systems tracts to sea-floor diagenesis, Lower Cretaceous, Scotian Basin. Atlantic Geoscience Society Meeting, Munciton N.B., February 2009, p. 24.
- A138. Karim, A., Pe-Piper, G., and Piper, D.J.W., 2009. Facies-related diagenesis and multiphase carbonate cementation and dissolution in the reservoir sandstones of the Sable

- Subbasin, offshore Nova Scotia. Atlantic Geoscience Society Meeting, Muncton N.B., February 2009, p. 18.
- A139. Ledger-Piercey, S., Pe-Piper, G., and Owen, V., 2009. The use of detrital rutile as a provenance indicator. Atlantic Geoscience Society Meeting, Moncton N.B., February 2009, p. 20.
- A140. Tsikouras, B., Pe-Piper, G., and Piper, D.J.W., 2009. Mineral Liberation Analysis (MLA) study of detrital mineralogy of the Appalachian hinterland to the Cretaceous Scotian basin deltas. Atlantic Geoscience Society Meeting, February 2009, p. 31.
- A141. Lefort, D., Pe-Piper, G., and Piper, D.J.W., 2009. Petrology of the mafic trigger of the Kos Plateau Tuff super-eruption, 0.16 Ma, Greece. Atlantic Geoscience Society Meeting, February 2009, p. 20.
- A142. Pe-Piper, G., 2009. Diagenesis of Lower Cretaceous rocks in the Scotian Basin. Halifax Subsurface Workshop, March 24, 2009, Petroleum Research Atlantic Canada (PR-AC).
- A143. Pe-Piper, G., 2009. Reservoir provenance and diagenesis - Summary. Nova Scotia Offshore Plate Reconstruction and Play Concepts Workshop, May 11-13, 2009, Halifax.
- A144. Pe-Piper, G. and Piper, D.J.W., 2009. Cretaceous re-activation of the passive-margin Scotian Basin: the influence of basement tectonics and volcanism on the petroleum system. CORE-09 Nova Scotia offshore technology conference, Halifax, October 8-11, 2009.
- A145. Karim, A., Hanley, J., Pe-Piper, G. and Piper, D.J.W., 2009. Cretaceous re-activation of the passive-margin Scotian Basin: the influence of basement tectonics and volcanism on the petroleum system. CORE-09 Nova Scotia offshore technology conference, Halifax, October 8-11, 2009.
- A146. Karim, A., Hanley, J., Pe-Piper, G. and Piper, D.J.W., 2010. Hydrocarbon migration and thermal history of reservoir sandstones deduced from fluid inclusions, Scotian Basin, offshore eastern Canada. Atlantic Geoscience Society Meeting, February 2010, p. 22, Greenwich, N.S.
- A147. Piper, D.J.W., Pe-Piper, G. and Kettanah, Y., 2010. Sedimentology, detrital petrology and regional linkages of the Lower Cretaceous Bjarni Formation, Labrador Shelf. Atlantic Geoscience Society Meeting, February 2010, p. 35, Greenwich, N.S.
- A148. Pe-Piper, G. and Piper, D.J.W., 2010. The late Jurassic – early Cretaceous: not a normal passive margin. Plate Tectonics workshop (OETR), May 2010, Halifax N.S.
- A149. Pe-Piper, G., 2010. River sources and the transfer of sands to deepwater, Lower Cretaceous, Scotian Basin. Nova Scotia Energy Research and Development Forum 2010, Halifax, N.S. (OETR).
- A150. Pe-Piper, G. and Piper, D.J.W., 2010. Lower Cretaceous, Scotia Basin: sedimentology, provenance, diagenesis, fluid inclusions, volcanism. OETR Play Fairway Analysis Integration Meeting, June 27-28 2010
- A151. Pe-Piper, G. and Piper, D.J.W., 2010. Interpreting sediment provenance by integrating geochronology of muscovite, monazite and zircon with bulk geochemistry and varietal detrital mineralogy: application to the Cretaceous of the Scotian Basin, eastern Canada. ISC Meeting, Mendoza, Argentina, September 2010.
- A152. Pe-Piper, G., Piper, D.J.W., Triantaphylidis, S., Tubrett, M., and Strathdee, G., 2010. Using grain morphology in detrital monazite and zircon geochronology to estimate

- polycyclic reworking, Lower Cretaceous, Scotian Basin, eastern Canada. ISCM Meeting, Mendoza, Argentina, September 2010.
- A153. Pe-Piper, G. and Piper, D.J.W., 2010. Nova Scotia Play Fairway Analysis Upper Jurassic-Lower Cretaceous Depositional Systems. Central and North Atlantic Conjugate Margins Conference. Lisbon, Portugal, September 2010.
- A.154. Pe-Piper, G. and Piper, D.J.W. 2010. Early Cretaceous tectonics on the eastern Canadian passive continental margin interpreted from geochronology of detrital muscovite, monazite and zircon. British Sedimentology Research Group, Southampton, U.K., December 2010.
- A155. Pe-Piper, G. and Piper, D.J.W., 2011. Denudation of the Appalachians in the Cretaceous: tracking fluvial dispersion with mineral geochronology and chemistry. Atlantic Geoscience Society Meeting, February 2011, Fredericton, N.B.
- A156. Gould, K.M., Piper, D.J.W. and Pe-Piper, G., 2011. Facies interpretations and lateral variability based on correlation of conventional core in the Logan Canyon and Missisauga formations of the Scotian Basin. Atlantic Geoscience Society Meeting, February 2011, Fredericton, N.B.
- A157. Strathdee, G.S., Piper, D.J.W., and Pe-Piper, G., 2011. Geographic and stratigraphic variation in shales of the Scotian Basin and their impact on basin evolution. Atlantic Geoscience Society Meeting, February 2010, Fredericton, N.B.
- A158. Papoutsas, A.D. and Pe-Piper, G., 2011. The REE and Rare Metal accessory minerals of the A-type granite of the Late Paleozoic Wentworth pluton, Cobequid Highlands, Nova Scotia. Atlantic Geoscience Society Meeting, February 2011, Fredericton, N.B.
- A159. Okwese A.C., Pe-Piper, G. and Piper, D.J.W., 2011. Controls on regional variability in sea-floor diagenesis in Upper Jurassic-Lower Cretaceous pro-deltaic sandstone and shales, Scotian Basin, eastern Canada. Atlantic Geoscience Society Meeting, February 2011, Fredericton, N.B.
- A160. Sawatzky, C. and Pe-Piper, G., 2011. A protocol for determining provenance of quartz grains in sandstones using the hot-cathode cathodoluminescence (CL) microscope. Atlantic Geoscience Society Meeting, February 2011, Fredericton, N.B.
- A161. Piper, D.J.W., Bowman, S., Pe-Piper, G., MacRae, A., 2011. The ups and downs of Guysborough County – the mid Cretaceous Naskapi Member in the Scotian basin: eustasy or tectonics. Atlantic Geoscience Society Meeting, February 2011, Fredericton, N.B.
- A162. Pe-Piper, G., 2011. My Geological Journey. Volcanology and Igneous Petrology Division, GAC-MAC, May 2011.
- A163. Pe-Piper, G. and Piper, D.J.W., 2011. Integrating geochronology of muscovite, monazite and zircon with bulk geochemistry and varietal detrital mineralogy: application to Cretaceous reservoir sandstones of the Scotian Basin, eastern Canada. Geological Society of London, Petroleum Group, Sediment Provenance Studies in Hydrocarbon Exploration and Production, Abstracts p. 47-48.
- A164. Piper, D.J.W., Pe-Piper, G. and Daniels, B., 2011. Mass balance interpretation of Nd isotope composition of detrital sediments in the Lower Cretaceous of the Scotian Basin. Geological Society of London, Petroleum Group, Sediment Provenance Studies in Hydrocarbon Exploration and Production, Abstracts p. 44-45.

- A165. Pe-Piper, G and Bowman, S.J. 2012. Early Cretaceous volcanism in the Scotian Basin synchronous with rifting of the North Atlantic Ocean. GAC-MAC, May 2012.
- A166. Papoutsas, A., Pe-Piper, G. and Piper, D., 2012. The petrological evolution of the REE-enriched A-type granites of the Late Paleozoic Wentworth Pluton, Cobequid Highlands, Nova Scotia. GAC-MAC, May 2012
- A167. Chen, G., Pe-Piper, G. and Piper, D.J.W., 2012. Late Paleozoic fracture-zone ophiolitic belt in West Junggar, NW China. GAC-MAC, May 2012.
- A168. Zhang, Y., Pe-Piper, G. and Piper, D.J.W., 2012. Whole-rock geochemistry of Mesozoic sandstones and mudrocks in the offshore Scotian Basin: Implications for provenance study. GAC-MAC, May 2012.
- A169. Pe-Piper, G. 2012. Controls on feldspar diagenesis, as seen in the Lower Cretaceous sandstones of the Scotian Basin, Canada: Third Central & North Atlantic Conjugate Margins Conference, Abstracts Volume, p. 73–74.
- A170. Piper, D.J.W. and Pe-Piper, G., 2012: Cretaceous basement tectonics of Nova Scotia: what was the driver? Third Central & North Atlantic Conjugate Margins Conference, Abstracts Volume, p. 79-80.
- A171. Williams, B., Pe-Piper, G. and Fischer, B.J., 1912. Petrology and Geochemistry of the Porter Puddle Complex, Northern Canadian Cordilleran Miogeocline. 40th Annual Yellowknife Geoscience Forum Abstract of Talks and Posters, November 2012, Yellowknife.
- A172. MacRae, A., Pe-Piper, G., Deptuck, M. and DeCoste, A., 2013. Stratigraphic revelations regarding Mesozoic salt on the Scotian Margin and implications for early trans-Atlantic basin history. Atlantic Geoscience Society Meeting, February 2013, Dartmouth, N.S.
- A173. Papoutsas, A., Pe-Piper, G. and Piper, D.J.W., 2013. Amphiboles in A-type granites as indicators of complex magmatic systems: the Wentworth Pluton, Nova Scotia. Atlantic Geoscience Society Meeting, February 2013, Dartmouth, N.S.
- A174. Pe-Piper, G. and Yang, X., 2013. Feldspar diagenesis and its significance for sandstone reservoirs in the Scotian Basin. Atlantic Geoscience Society Meeting, February 2013, Dartmouth, N.S.
- A175. Piper, D.J.W., Pe-Piper, G. and Daniels, B.G., 2013. Detrital Nd isotopes as an indicator of hinterland tectonics, Jurassic-Cretaceous, Scotian Basin. Atlantic Geoscience Society Meeting, February 2013, Dartmouth, N.S.
- A176. Williams, B., Pe-Piper, G. and Fischer, B., 2013. The Porter Puddle Complex, Petrology and Geochemistry of the Marmot Formation (Group II), Northern Canadian Cordilleran Miogeocline. Atlantic Geoscience Society Meeting, February 2013, Dartmouth, N.S.
- A177. Zhang, Y., Pe-Piper, G. and Piper, D.J.W., 2013. Sediment geochemistry as a provenance indicator: climate change, tectonism and volcanism in the hinterland of the Scotian Basin, offshore eastern Canada. Atlantic Geoscience Society Meeting, February 2013, Dartmouth, N.S.
- A178. Pe-Piper, G. and Piper, D.J.W., 2013. The impact of volcanism on reservoir quality, Scotian Basin. CSPG GeoConvention, May 2013, Calgary, Alberta. Extended Abstract (eight pages).
- A179. Piper, D.J.W., Pe-Piper, G. and Zhang, Y., 2013. Rift tectonics of the eastern Canadian continental margin: insights from detrital petrology and provenance. CSPG GeoConvention, May 2013, Calgary, Alberta. Extended Abstract (seven pages).

- A180. Papoutsas, A., Pe-Piper, G. and Piper, D.J.W., 2013. Variation in REE-enrichment of A-type granites in complex shear zones, Cobequid Highlands, Nova Scotia. GAC-MAC Meeting, May 2013, Winnipeg, Manitoba.
- A181. Papadopoulos, A., Christofides, G., Pe-Piper, G., Koroneos, A., and Papadopoulou, L., 2013. LREE-rich beach sands from Sithonia peninsula (Chalkidiki, Greece). Goldschmidt Conference, August 2013, Florence, Italy.
- A182. MacRae, A., Pe-Piper, G., Deptuck, M.E., DeCoste, A., 2014. Stratigraphic revelations regarding Mesozoic salt on the Scotian Basin Margin and implications for early trans-Atlantic basin history. GeoConvention 2014.
- A183. Poursoltani, M.R., Gibling, M.R., Pe-Piper, G., 2014. Petrographic analysis of Lower Cambrian sandstones from central Iran. Atlantic Geoscience Society Colloquium, Wolfville, Nova Scotia, February 2014.
- A184. Papoutsas*, A., Pe-Piper, G., 2014. Hydrothermal circulation of REE in the Cobequid Shear Zone: the importance of timing and style of hydrothermal alteration. Atlantic Geoscience Society Colloquium, Wolfville, Nova Scotia, February 2014.
- A185. Pe-Piper, G., Piper, D.J.W., Zhang, Y.Y., Chavez*, I., 2014. Diagenetic barite and sphalerite in middle Mesozoic sandstones, Scotian Basin, as tracers from basin hydrology. Atlantic Geoscience Society Colloquium, Wolfville, Nova Scotia, February 2014.
- A186. White*, D., Pe-Piper, G., Piper, D.J.W., 2014. Variation in style of overpressure in Scotian Shelf wells, Scotian Basin. Atlantic Geoscience Society Colloquium, Wolfville, Nova Scotia, February 2014.
- A187. Wisen*, J., Papoutsas*, A., Pe-Piper, G., Piper, D.J.W., 2014. Carboniferous lamprophyres in the Central Cobequid Highlands, Nova Scotia: Precipitation of REE minerals. Atlantic Geoscience Society Colloquium, Wolfville, Nova Scotia, February 2014.
- A188. Zhang Y.Y., Pe-Piper, G., Piper, D.J.W., 2014. How porosity and permeability vary with diagenetic minerals in the Scotian Basin, offshore eastern Canada: implications for reservoir quality. Atlantic Geoscience Society Colloquium, Wolfville, Nova Scotia, February 2014.
- A189. Tyrrell, S., Pe-Piper, G., Piper, D.J.W., 2014. First cycle supply to the Cretaceous Scotian Basin resolved using Pb-isotopes in detrital K-feldspar grains. 4th Atlantic Conjugate Margins Conference, St. John's, NL, Canada, August 20-22, 2014.
- A190. Pe-Piper, G., Piper, D.J.W., Zhang, Y., Chavez*, I., 2014. Diagenetic barite and sphalerite in Middle Mesozoic sandstones, Scotian, Basin, as tracers for basin hydrology. St John's, NL, Canada, August 20-22, 2014.
- A191. Koutrouli, A., Anastasakis, G., Piper, D.J.W., Pe-Piper, G., and Kuehn, S.C. 2014. The Discovery of Holocene Tephra Producing Events in the Marine Realm Surrounding the Volcanic Centers of the Southeast Aegean Sea. The 8th International Symposium on Eastern Mediterranean Geology, Turkey, October 2014.
- A192. Hostetler, S.J.A., Kuehn, S.C., Anastasakis, G., Koutrouli, A., Piper, D.J.W., and Pe-Piper, G. 2015. Holocene to Pleistocene Tephrochronology of Eleven Marine Sediment Cores from the Aegean Sea. Geological Society of America Conference, SE Section, Chattanooga, TN, March 2015.

- A193. Sales de Oliveira, C.E., Zhang, Y., Pe-Piper, G., Piper, D.J.W., Corney, R. Integration of SEM-CL, HCL, and petrographic microscope to interpret provenance of sandstones in the Bandol-1 well in the eastern Scotian Basin. VI Symposio Nacional de Ensino e Historia de Ciencias da Terra. Brazil, November, 2015.
- A194. Dutuc*, D.-C., Pe-Piper, G., Piper, D.J.W., 2016. Provenance of Lower Jurassic to Lower Cretaceous clastic sedimentary systems in the SW Scotian Basin and the Fundy Basin. Atlantic Geoscience Society Colloquium, Truro, Nova Scotia, February 2016.
- A195. Chavez*, I., Piper, D.J.W., Pe-Piper, G., Zhang, Y., 2016. Black shale Selli Level recorded in Cretaceous Naskapi Member cores in the Scotian Basin. Atlantic Geoscience Society Colloquium, Truro, Nova Scotia, February 2016.
- A196. Pe-Piper, G., Piper, D.J.W., 2016. The sequence of diagenesis cements in sandstones of the Scotian Basin: a record of fluid circulation and thermal evolution. Atlantic Geoscience Society Colloquium, Truro, Nova Scotia, February 2016.
- A197. Sangster, C.R., Pe-Piper, G., Zhang, Y., 2016. Fluorine-rich ferroan calcite and diagenetic zircon in the Newburn H-23 well: Indicators of unusual diagenetic processes. Atlantic Geoscience Society Colloquium, Truro, Nova Scotia, February 2016.
- A198. Piper, D.J.W., Pe-Piper, G., de Boer, J., Anastasakis, G. 2016. A mythical rock avalanche and tsunami in Greece: implications for Atlantic Canada. Atlantic Geoscience Society Colloquium, Truro, Nova Scotia, February 2016.
- A199. Hawie, N., Sangster*, C., Marfisi, E., Saint Ange, F., Pe-Piper, G., Piper, D.J.W., MacDonald A.W.A., 2016. Integrated source to sink investigation of the Sable Sub- basin offshore Nova Scotia using Forward Stratigraphic Modelling. Sink to Source workshop, Rennes France, November 2016.
- A200. Bentley*, J., Piper, D.J.W., Pe-Piper, G., 2017. The role of downslope versus alongslope sediment transport over the last glacial cycle on the Scotian Rise. Atlantic Geoscience Colloquium, Fredericton N.B, February 1017.
- A201. Chavez*, I., Piper, D.J.W., Pe-Piper, G., MacCrae, R.A., 2017. Correlation of the Early Cretaceous Naskapi Member, Scotian Basin, and its implications. Atlantic Geoscience Society Colloquium, Fredericton February 2017.
- A202. Sangster*, C., Hawie, N., Pe-Piper, G., Marfisi, E., Piper, D.J.W., Saint-Ange, F., 2017. Predictive modelling of sandstone reservoirs in the central Scotian Basin. Atlantic Geoscience Society Colloquium, Fredericton February 2017.
- A203. Nagle*, J., Pe-Piper, G., Piper, D.J.W. , 2017. Hydrothermal alteration in the Clarke Head Zone, Nova Scotia. Atlantic Geoscience Society Colloquium, Fredericton February 2017.
- A204. Pe-Piper, G., Piper, D.J.W., McFarlane, C.R.M., Sangster*, C., Zhang*, Y.Y., Boucher, B., 2017. Chronology and origin of cross-cutting vein systems: complex hydrothermal history of the Cobequid Fault Zone, Nova Scotia. Atlantic Geoscience Society Colloquium, Fredericton February 2017.
- A205. Chavez*, I., Pe-Piper, G., Piper, D.J.W., MacRae, R.A., 2017. Sandstone provenance of the COST-2 well, Georges Bank: relevance to the SW Scotian Basin. Atlantic Geoscience Colloquium, Fredericton February 2017.
- A206. Imperial*, A., Pe-Piper, G., Piper, D.J.W., 2017. Nature of the hydrothermal alteration in the Lesbos (Greece) petrified forest and its host pyroclastic rocks. Atlantic Geoscience Society Colloquium, Fredericton Fredericton February 2017.

- A207. Sangster*, C., Pe-Piper, G., and McCrae, R.A., 2017. Provenance and diagenesis of the Lower Cretaceous sandstones in the deep well Newburn H-23, Scotian Slope. Atlantic Geoscience Society Colloquium, Fredericton February 2017.
- A208. Hawie, N., Sangster* C., Marfisi, E., Saint Ange, F., Pe-Piper, G., Piper, D.J.W., 2017. Source to sink investigation of the central Scotian Basin using integrated Forward Stratigraphic Modelling approaches. AAPG Annual Convention and Exhibition, Houston USA, April 2017.
- A209. Koutrouli A., Anastasakis G., Kontakiotis, G., Ballengee S., Kuehn S., Pe-Piper G., Piper D.J.W. 2017. Holocene tephrostratigraphic record of the Kos-Yali-Nisyros Volcanic Centre: Evidence of unknown Plinian eruptions. 15th Congress of RCMNS, Athens, September 2017.
- A210. Pe-Piper G., Piper D.J.W., Zouros N., Anastasakis G., 2017. New insights into the age, stratigraphy and depositional setting of the Sigri Pyroclastic Formation, Early Miocene, Lesbos, Greece. 15th Congress of RCMNS, Athens, September 2017.
- A211. Piper D.J.W., Pe-Piper G., Anastasakis G., Reith*, W. 2017. The volcanic history of Pyrgousa – volcanism before the eruption of the Kos Plateau Tuff. 15th Congress of RCMNS, Athens, September 2017.
- A212. Pe-Piper G., Imperial*, A., Piper D.J.W., Zouros N., Anastasakis G., 2017. Post-depositional alteration of fossil wood and pyroclastic rocks of the Sigri Pyroclastic Formation, Lower Miocene, Lesbos, Greece. 15th Congress of RCMNS, Athens, September 2017.
- A213. Blowick, A., Pe-Piper G., Piper D.J.W., Tyrell, S., 2018. Unravelling Late Jurassic-Early Cretaceous Sand Supply offshore Nova Scotia: A Multi-proxy Provenance Approach. Irish Geoscience Research Meeting 2018.
- A214. Pe-Piper G., 2017. Deposition in the terrestrial-oceanic transition zone in the Scotian Basin controls the diagenesis of reservoir sandstones. Sixth National Conference on Sedimentology, October 2017, Nanjing China.
- A215. Pe-Piper, G., 2018. Diagenetic cements in sandstones of the Scotian Basin: a record of fluid circulation and thermal evolution. Conjugate Margins Conference, August 2018, Halifax N.S.
- A216. Piper, D.J.W., Pe-Piper, G., Chavez* Gutierrez, I., 2018. Sequential hyperextension, continental faulting and the evolution of drainage systems, southeastern Canadian margin. Conjugate Margins Conference, August 2018, Halifax N.S.
- A217. Blowick, A., Pe-Piper, G., Piper, D.J.W., Tyrrell, S., 2018. Late Jurassic-Early Cretaceous sand supply in the Scotian Basin: insights from Pb isotopic fingerprints. Conjugate Margins, Conference, August 2018, Halifax N.S.
- A218. Sangster*, C.R., Hawie, N., Pe-Piper, G., Saint-Ange, F., Piper, D.J.W., 2018. Application of predictive modelling to the Lower Cretaceous sedimentary sequences of the central Scotian Basin. Conjugate Margins, Conference, August 2018, Halifax N.S.
- A219. Imperial*, A., Pe-Piper, G., Piper, D.J.W.. 2019. The use of titania polymorphs as indicators of mesodiagenesis at hydrocarbon charge. Atlantic Geoscience Society Colloquium, Fredericton February 2019.
- A220. Memtimin*, M., Guo, Z., Pe-Piper, G., Piper, D.J.W., 2019. Facies architecture, eruption history, and emplacement mechanism of subaqueous lava-carbonate succession in Bogda

- Mountain, northwest China. Atlantic Geoscience Society Colloquium, Fredericton February 2019.
- A221. Nagle*, J.F., Pe-Piper, G., Piper, D.J.W., Saint-Ange, F., 2019. Predictive modelling of sandstone reservoir distribution in the southwestern Scotian Basin. Atlantic Geoscience Society Colloquium, Fredericton February 2019.
- A222. Pe-Piper, G., Piper, D.J.W., Nagle*, J.F., McFarlane, C., 2019. Hydrothermal rutile at Clarke Head, Minas fault zone (Nova Scotia, Canada) constrains the age of Windsor Group evaporites. Atlantic Geoscience Society Colloquium, Fredericton February 2019.
- A223. Sangster*, C., Pe-Piper, G., Piper, D.J.W., Saint-Ange, F., and Hawie, N., 2019. Predictive modelling of reservoir quality associated with the dissolution of K-feldspar during diagenesis: Lower Cretaceous, central Scotian Basin. Energy3 conference, Halifax, October 2019.
- A224. Imperial, A., Pe-Piper, G. and Piper, D.J.W., 2020. The use of titania polymorphs as indicators of mesodiagenesis at hydrocarbon charge. Energy3 conference, Halifax, October 2019.
- A225. Pe-Piper, G. and Piper, D.J.W., 2020. Interpretation of the Geochemical Variability of the Miocene Volcanic Complex of Lesbos island, Greece. Atlantic Geoscience Society Colloquium, Truro, February 2020.
- A226. Piper, D.J.W. and Pe-Piper, G., 2020. Palinspastic reconstruction of the Cobequid Highlands in the late Palaeozoic: local details and broader implications. Atlantic Geoscience Society Colloquium, Truro, February 2020.
- A227. Imperial, A., Pe-Piper, G. and Piper, D.J.W., 2020. The use of titania polymorphs as indicators of mesodiagenesis at hydrocarbon charge. Atlantic Geoscience Society Colloquium, Truro, February 2020.
- A228. MacRae, A. and Pe-Piper, G., 2020. Intra-salt palynological events in the Late Triassic-Early Jurassic of the Southern Grand Banks. Atlantic Geoscience Society Colloquium, Truro, February 2020.
- A229. Nagle, J.F., Piper, D.J.W., Marfisi, E., Pe-Piper, G., and Saint-Ange, F., 2020. Predictive modelling of sandstone reservoir distribution in the Shelburne sub-basin, Scotian Basin. Atlantic Geoscience Society Colloquium, Truro, February 2020.
- A230. Tang, W., Zhang, Y., Pe-Piper, G., Piper, D.J.W., Guo, Z. and Li, W., 2020. Permian to Triassic tectono-sedimentary evolution of the Mahu sag, Junggar Basin, Western China: implication for the transition from post-collisional rifting to tectonic inversion. Atlantic Geoscience Society Colloquium, Truro, February 2020.
- A231. Pe-Piper, G. and Piper, D.J.W., 2022. Igneous rocks at Clarke Head, Nova Scotia: not peri-Gondwanan basement granulite? GAC-MAC Joint Annual Meeting, Halifax, May 2022.
- A232. MacRae, A. and Pe-Piper, G., 2022. Intra-salt palynology events in the late Triassic-Early Jurassic of the southern Grand Banks: Implications for the regional and transAtlantic correlation and paleoenvironments. 7th Conjugate Margins Conference, Marrakech, October 2022.
- A233. Pe-Piper, G. 2022. Salt tectonics and basinal fluid controls on diagenesis, Lower Cretaceous sandstones, Scotian Basin, Canada: Implications for petroleum systems. Invited keynote, 7th Conjugate Margins Conference, Marrakech, October 2022.

- A234. Koutroulli, A., G. Anastasakis, S. Kuehn, D.J.W Piper, G. Pe-Piper, G.Kontakiotis, 2022. Intense marine reworking of tephra on the flanks of Yali island, at the southeastern end of the South Aegean Volcanic Arc. 16th International Congress of the Geological Society of Greece, Patras, Greece, October 2022.
- A235. Koutroulli, A., G. Anastasakis, S. Kuehn, D.J.W Piper, G. Pe-Piper, G.Kontakiotis, 2022. High resolution tephrostratigraphic record of a deep SE Aegean Sea core spanning the last 100 ka. 16th International Congress of the Geological Society of Greece, Patras, Greece, October 2022.
- A236. Pe-Piper, G. 2023. Controls on sandstone diagenesis, Scotian Basin: basinal fluids and salt tectonics. Atlantic Geoscience Society Colloquium, Truro, February 2023
- A237. Piper, D.J.W., Grant, C. and Pe-Piper, G. 2023. High-level emplacement of the Cape Chignecto pluton, Cobequid Highlands. Atlantic Geoscience Society Colloquium, Truro, February 2023.

Maps and related data bases

1. Matarangas, D., Varti-Mataranga, M., Piper, D.J.W., and Pe-Piper, G., 2004. Geological map, Delos island, scale 1:10,000. Institute of Geological and Mineral Exploration. Athens, Greece.
2. Pe-Piper, G., and Piper, D.J.W., 2005: Map OFM ME 2005-114 (Nova Scotia Natural Resources)
3. Pe-Piper, G., and Piper, D.J.W., 2005: Map OFM ME 2005-115 (Nova Scotia Natural Resources)
4. Pe-Piper, G., and Piper, D.J.W., 2005: Map OFM Me 2005-116 (Nova Scotia Natural Resources)
5. Pe-Piper, G., and Piper, D.J.W., 2005: Map OFM ME 2005-117 (Nova Scotia Natural Resources)
6. Pe-Piper, G., and Piper, D.J.W., 2005: Digital geological data generated as part of the Cobequid Highlands project 1983-1999, Colchester, Cumberland, and Pictou Counties, parts of NTS 11E/05, 11E/06, 11E/11, 11E/12, 21H/07, 21H/08, and 21H/09. Digital product compiled by G. Pe-Piper, Piper, D.J.W., Poole, J.C., McKinnon, J.S., and Fisher, B.E. DP ME 148, Version 1, 2005.

Theses

1. Pe, G. G., 1971: The geochemistry of some Aegean lavas. Unpubl. Ph.D thesis, Cambridge University, England (in English).
2. Pe-Piper, G., 1978: The Tertiary volcanic rocks of Lesbos. Unpubl. Thesis for Readership, University of Patras, Greece (in both Greek and English).

Editorial Boards

1. Geoscience Canada: Guest Editor (2001-2012)
2. Geology: Associate Editor (2007-2010)

3. Iranian Journal of Earth Science: Associate Editor (2009-present)
4. Periodici di Mineralogia: Associate Editor (2012-present)
5. Petroleum Science (China) (2015- present)
6. Chemical Geology (2016- present)
7. Bulletin of the Geological Society of Greece (2017- present)
8. Minerals (2018-present)

Reports for contractual research obligations

[excluding those converted to Open Files]

1. Pe-Piper G., 2002 (May): Progress report to ExxonMobil (Sable Project) on Chaswood Formation and its relevance to the Scotian Basin.
2. Pe-Piper, G., 2002 (August): Progress report to ACPI on Cretaceous rocks onshore Nova Scotia and their relevance to understanding sources, diagenesis and reservoir properties of offshore.
3. Pe-Piper, G., 2002 (November): Interim status report to ExxonMobil (Sable Project) on Chaswood Formation and its relevance to the Scotian Basin.
4. Pe-Piper, G., 2003 (January): Progress report to NSERC on the Application of geology of the Cretaceous Chaswood Formation of Nova Scotia to petroleum geology of the Scotian Basin.
5. Pe-Piper, G., 2003 (May): Progress report to ExxonMobil (Sable Project) on Chaswood Formation and its relevance to the Scotian Basin.
6. Pe-Piper, G., 2003 (August): Progress report to PRAC on Cretaceous rocks onshore Nova Scotia and their relevance to understanding sources, diagenesis and reservoir properties of offshore sedimentary rocks.
7. Pe-Piper, G., 2004 (January): Progress report to NSERC on the Application of geology of the Cretaceous Chaswood Formation of Nova Scotia to petroleum geology of the Scotian Basin.
8. Pe-Piper, G., and Piper, D.J.W., 2004 (May): The geology of the Chaswood Formation of Nova Scotia and New Brunswick. Final report for ExxonMobil Sable project.
9. Pe-Piper, G., 2005: Application of geology of Cretaceous Chaswood Formation of Nova Scotia to the petroleum geology of the Scotian basin. Final Report for NSERC 2005 (June)
10. Pe-Piper, G., 2007: Progress Report (1st) to NSERC (CRD grant) on "Diagenesis of Cretaceous rocks in the Sable sub-basin, offshore Nova Scotia").
11. Pe-Piper, G., 2008: Progress Report (2nd) to NSERC (CRD grant on "Diagenesis of Cretaceous rocks in the Sable sub-basin, offshore Nova Scotia").
12. Pe-Piper, G., 2008: River Sources and the Transfer of Sands to Deepwater, Lower Cretaceous, Scotian Basin. Interim Report (1st year) to OETR.

13. Pe-Piper, G., 2009. River Sources and the Transfer of Sands to Deepwater, Lower Cretaceous Scotian Basin. Interim Report (2nd year) to OETR.
14. Pe-Piper, G., 2010. Diagenesis of Cretaceous rocks in the Sable sub-basin, offshore Nova Scotia. Final Report to NSERC and PR-AC.
15. Pe-Piper, G., 2010. River Sources and the Transfer of Sands to Deepwater, Lower Cretaceous, Scotian Basin. Final Report to OETR.
16. Pe-Piper, G., 2011. Additional “sedimentological” work to contribute to the PFA programme in the Upper Jurassic–Lower Cretaceous clastic systems, Scotian Basin, Year 1. Final report to OETR.
17. Pe-Piper, G., and Piper, D.J.W, 2011. Nova Scotia Play Fairway Analysis Upper Jurassic–Lower Cretaceous Depositional Systems, January 2011.
17. Pe-Piper, G., 2012. Additional “sedimentological” work to contribute to the PFA programme in the Upper Jurassic–Lower Cretaceous clastic systems, Scotian Basin, Year 2. Final report to OETR.
18. Pe-Piper, G., 2016. Reservoir quality and sediment delivery: Mesozoic Scotian Basin. Final report to OERA, EnCana and NSERC. 125 p.
19. Pe-Piper, G. 2016-18. Mid Cretaceous sand supply to offshore SW Nova Scotia: tectonic diversion of Labrador rivers during Naskapi Member deposition. 6-monthly reports to OERA.
20. Pe-Piper, G. 2017-18. Predictive modelling of sandstone reservoir quality in the Scotian Basin. 6-monthly reports to OERA.
21. Pe-Piper, G. 2018. Mid Cretaceous sand supply to offshore SW Nova Scotia: tectonic diversion of Labrador rivers during Naskapi Member deposition. Final Report on OERA Research Project number 400-170, 31 March 2018.
22. Pe-Piper, G., 2018. Predictive modelling of sandstone reservoir quality in the Scotian Basin. Final Report on OERA Research Project 300-201, 31 December 2018.
23. Pe-Piper, G., 2020. Sequence stratigraphy, titanite diagenesis and relationship to petroleum system modelling. Final Report on OERA Research Project number 400-191

Book Reviews

1. The Geological Evolution of the Eastern Mediterranean. J.E. Dixon and A.H.F. Robertson, Blackwell Scientific Publishers, 1985, 848 pp. Reviewed for Geoscience Canada,
2. The Eruption of Soufriere Hills Volcano, Montserrat, from 1995 to 1999. Edited by T.H. Druitt and B.P. Kokelaar, Geological Society of London Memoir No. 21. Reviewed for Geoscience Canada, 30, 82-83.
3. Plio-Quaternary volcanism in Italy: Petrology, Geochemistry, Geodynamics. By A. Peccerillo, Springer-Verlag, Berlin, 2005, 365 pages. Reviewed for Canadian Mineralogist.
4. Structure and Emplacement of High-level Magmatic Systems (Geological Society of London Special Publication 302). For Geoscience Canada.
5. Dynamics of Crustal Magma Transfer, Storage and differentiation (Geological Society of London Special Publication 304). For Geoscience Canada.
6. Eastern Mediterranean (Dedicated to G. Kowalczyk; Zeitschrift der Deutschen Gesellschaft für Geowissenschaften). For Canadian Mineralogist, 2006.

Books

1. Pe-Piper, G. and Piper, D.J.W., 2002: "The Igneous rocks of Greece: the anatomy of an orogen". Gebrüder Borntraeger, Stuttgart, 573 p.
2. Pe-Piper, G. 2020. "Looking forward, looking backward: an unorthodox journey. Memoirs of an accidental geologist". LeanPub.
3. Pe-Piper, G. 2022. "Dreams or Reality. Reflections on a life well lived". LeanPub
4. Piper, D.J.W. and Pe-Piper, G. 2022. The Story in the Rocks of the Cliffs of Fundy. LeanPub, 113 p.

Others

- R1. Murphy J.B., Pe-Piper, G., Nance, R.D. and Turner, D. 1987. A summary of the geology of the Eastern Cobequid Highlands, Nova Scotia Department of Mines Review of Activities, p. 197-199.
- R2. Murphy, J.B., Pe-Piper, G., Nance, R.D., Doig, R. and Miller, B.V. 1989. Constraints on the geological history of the eastern Cobequid Highlands from U-Pb geochronological studies. In: D.R. MacDonald (ed.) Nova Scotia Department of Mines and Energy Report 89-1A, p. 137-139.
- R3. Pe-Piper, G. and Murphy, J.B. 1989. Field trips in Nova Scotia. Atlantic Provinces Council on the Sciences Pamphlet.
- R4. Donohoe, H.V. Jr., Piper, D.J.W., Pe-Piper, G., Murphy, B. and Nance, D., 1992. Cobequid Highlands, Nova Scotia: The interplay of episodic magmatism, volcanism and ductile/brittle strain. Field Excursion C-2: Guidebook, GAC/MAC.
- R5. Pe-Piper, B., Nearing, J., Selway, J. and Piper, D.J.W., 1991. Carboniferous igneous activity in the Cobequid Highlands. Nova Scotia Department of Natural Resources. Review of Activities, p. 53.
- R6. Pe-Piper, G., Piper, D.J.W., Nearing, J., Zeeman, M., and Pass, D.J., 1992. Early Carboniferous igneous activity and sedimentation in the Cobequid Highlands. Nova Scotia Department of Natural Resources, Review of Activities, p. 44.
- R7. Pe-Piper, G., Koukouvelas, I. and Piper, D.J.W., 1993. Earliest Carboniferous plutonism, western Cobequid Highlands. Nova Scotia Department of Natural Resources Review of Activities, p. 54.
- R8. Pe-Piper, G., and Piper, D.J.W., 1992. Cobequid Highlands, Nova Scotia. Field Excursion, AGS.
- R9. Elson, C., Akbari, A., Day, T., Pe-Piper, G., Richardson, D. and Strongman, D., 1993. Self-study report of Bachelor of Science in Environmental Studies Program. Saint Mary's University.
- R10. Pe-Piper, G., Piper, D.J.W., and Koukouvelas, I., 1994. Geology of the Neoproterozoic Bass River Block, Cobequid Highlands, Nova Scotia. Nova Scotia Department of Natural Resources Review of Activities, p.72.
- R11. Pe-Piper, Koukouvelas, I., and Piper, D.J.W., 1994. Emplacement of the Pleasant Hills, Folly Lake and Hart Lake-Byers Lake Plutons and the role of the Rockland Brook Fault,

- Cobequid Highlands, Nova Scotia. Nova Scotia Department of Natural Resources Review of Activities, p.73.
- R12. Pe-Piper, G. (Chairperson), 1995. Report of the ad-hoc Senate Committee on Methods of Evaluating Teaching Effectiveness. Saint Mary's University.
- R13. Pe-Piper, G., 1996. Zeolites. Nova Scotia Minerals Update, Department of Natural Resources, Minerals and Energy Branch, v. 6, p. 4.
- R14. Pe-Piper, G., Piper, D.J.W. and Durling, P., 1995. NATMAP field trip to the eastern Cobequid Highlands. September 30th-October 1st, 1995.
- R15. Pe-Piper, G., Koukouvelas, I. and Piper, D.J.W., 1995. Geochemical and structural evolution of the Pleasant Hills pluton, Cobequid Highlands. Nova Scotia Department of Natural Resources Review of Activities, p. 71.
- R16. Pe-Piper, Piper, D.J.W. and Koukouvelas, I. 1995. The Folly Lake and the Hart Lake-Byers Lake plutons, Cobequid Highlands, Nova Scotia: Some comments on their deformational and magmatic history. Nova Scotia Department of Natural Resources Review of Activities, p. 70.
- R17. Feetham, M., Ryan, R.J. and Pe-Piper, G., 1995. Comparative Geochemistry of the Goldenville-Halifax Transition Zone from North Beaverbank. Department of Natural Resources Review of Activities, p. 11.
- R18. Pe-Piper, G., 1998. The Petrified Forest of Lesbos, Greece. Ashfall, Newsletter of the Volcanology and Igneous Petrology Division of the Geological Association of Canada, #46, 5-6.
- R19. Christofides, G., Koroneos, A., Pe-Piper, G., Katirtzoglou, K. and Hatzikirkou, A, 1999. Mesozoic A-type magmatism in the Serbomacedonian massif (N. Greece): Kerkini granitic complex). Geoinformation, Geological Society of Greece, Issue 1/99, 8-9.
- R20. Pe-Piper, G., 2003: Operations Manual for the Nova Scotian Institute of Science (NSIS).
- R21. Stea, R.R., Pe-Piper, G., and Piper, D.J.W., 2004. Early Cretaceous Outliers in Northern Nova Scotia: The Fault Connection. N.S. Department of Natural Resources Open House (Poster).
- R22. Piper, D.J.W., and Pe-Piper, G., 2010. Eurogranites 2010. Field Excursion Guidebook, Nova Scotia. Editor D.B. Clarke. AGS Special Publication Number 37, 33-48.
- R23. Chavez, I., Pe-Piper, G. Piper, D.J.W and MacRae, A., 2016. Oceans Industry Showcase, June 8th 2016
- R24. Sangster, C., Pe-Piper, G. and MacRae, A., 2016. Oceans Industry Showcase, June 8th, 2016.
- R25. Nagle, J., Marfisi, E., Pe-Iper, G., Piper, D.J.W., Saint-Agne, F., 2019. Predictive Modelling of Sandstone Reservoir Distribution in the SW Scotian Bain. Energy 3 conference, October 16-18, 2019.
- R26. Imperial, A., Pe-Piper, G. and Piper, D.J.W., 2019. The use of titania polymorphs as indicators of mesodiagenesis at hydrocarbon charge.
- R27. Sangster, C., Pe-Piper, G., Piper, D.J.W., F. Saint-Ange, and Hawie, N., 2019. Predictive modelling of reservoir quality associated with the dissolution of K-feldspar during diagenesis: Lower Cretaceous, central Scotian Basin. Energy 3 conference, October 16-18, 2019.
- R28. Piper, D.J.W. and Pe-Piper, G., 2020. Submarine mountains off eastern Canada. State of the Mountains, 3, 39–41.

- R29. Pe-Piper, G. and Piper, D.J.W., 2022. 3000 electron microprobe mineral analyses from igneous rocks of Greece. Unpublished report available on line at Researchgate.
- R30. Piper, D.J.W. and Pe-Piper, G. 2023. Alan Ruffman – A noted Nova Scotia scientist and activist. Proceedings of the Nova Scotian Institute of Science v. 53, 53-57.

Participation in the organization of National/International Conferences

1. Annual Meeting of GAC/MAC 1992, Wolfville, N.S.
 - a. Co-ordinator of the Short Courses.
 - b. Field Trip to the Cobequid Highlands, N.S. (with D.J.W. Piper): The interplay of episodic magmatism, volcanism and ductile/brittle strain.
2. Annual Meeting of GAC/MAC 1995, Victoria B.C.
 - a. Special Session (with T. Hamilton): Igneous activity in extensional zones at consuming plate margins (Sponsored by the Volcanology Division)
3. International Symposium on "The South Aegean Active Volcanic Arc: Present Knowledge and Future Perspectives", September 2003, Milos Island, Greece.
 - a. Member of the Program Committee
4. 5th International Symposium on "eastern Mediterranean Geology", April 2004, Thessaloniki, Greece.
 - a. Thematic Session: Petrology and Geochemistry (with G. Christofides).
5. Annual Meeting of GAC/MAC 2005, Halifax, N.S.
 - a. Special Session (with P. Fralick): Provenance of sedimentary rocks as inferred from mineralogy, petrology and geochemistry (Sponsored by the Canadian Society of Petroleum Geologists).
 - b. Field Trip: Accretion of peri-Gondwanan terranes, northern mainland Nova Scotia and southern New Brunswick (with S. Barr, Johnson, S., Murphy, B., Piper, D., and White, C.)
6. International Conference on Neogene magmatism of the central Aegean and adjacent areas. Chair of the Scientific Committee.
7. Conjugate Margins Conference (Sponsored by OETR, Dalhousie University, NS Energy), August 2008. Member of the original Program Committee, leader of one of two field trips.

Talks on CKDU Radio

1. The Volcanoes of the South Aegean Arc, June 2002
2. Earthquakes in Greece, June 2003
3. The wonderful world of the Greek Caves, June 2004

Recent Seminars

1. The volcanoes of Greece (Invited, with D.J.W. Piper). Public Lecture Series of Nova Scotia Museum of Natural History, February 16th, 2005.
2. Modern methods using mineral chemistry for sediment provenance studies (Invited). Nanjing University, China, Wednesday April 20th, 2005.
3. The influence of faulting on volcanism in collisional orogens: examples from Africa-Europe collision (Invited). Nanjing University, China, Friday 22nd April, 2005.

4. Modern methods using mineral chemistry for sediment provenance studies (Invited). China Geoscience University, Beijing, Wednesday 22nd May, 2005.
5. Cretaceous rocks onshore Nova Scotia and their relevance to understanding sources, diagenesis and reservoir properties of offshore equivalent rocks of the Scotian Basin. 9th Annual Petroleum Technical Seminars of the Petroleum Society of CIM (Halifax Section), October 3rd, 2006, Halifax, N.S., (Invited).
6. The use of mineralogical and geochemical techniques in determining the provenance of clastic sediments (Invited). Nanjing University, China, 16th April, 2009.
7. Landforms produced by volcanoes (Invited). Nanjing University, China, 23rd April, 2009.
8. Growth and destruction of hot-spot shield volcanoes, La Reunion island, Indian Ocean: a pictorial summary. Department of Geology, Saint Mary's University. March 2009.
9. Environmental Geology: some selected Environmental Challenges. Invited Guest Lecture for the course ENV51200, Saint Mary's University. October 2007; October 2008, October 2010.
10. Determining sediment provenance in the Scotian Basin using cutting-edge technologies. Department of Geology, Saint Mary's University, February 29, 2012.
11. A series of lectures on sediment provenance in Nanjing University, China, May 2012.
12. Diagenesis of the Scotian Basin. Department of Earth Sciences, Dalhousie University, November 2015.
13. Lectures on sediment provenance and diagenesis in Nanjing University (2), Nanjing University of Information Science and Technology, and Zhejiang University. China October 2017.
14. OERA Webinar, 2018. The search for sand: mountains, rivers and deltas 150 million years ago.
15. Invited Lecture, Dalhousie University (DIRT), 2019. Volcanic preservation of the Miocene petrified forest of Lesbos, Greece.
16. Lecture, Saint Mary's University, 2019. The Early Miocene volcanic history of Lesbos island, Greece: shoshonites, ignimbrites and the petrified forest.
17. Atlantic Geoscience Society Webinar with David Piper, 2020. The assembly of Pangea in the cliffs of Fundy Geopark: faulting, magmatism, and mineralization. September 10th, 2020.