

REFERENCES

- Barr, S. M., and Macdonald, A. S. 1981. Geochemistry and geochronology of Late Cenozoic basalts of Southeast Asia. Geol. Soc. Am. Bull. 92: 1069-1142.
- Bond, A., and Sparks, R. S. J. 1976. The minoan eruption of Santorini, Greece. J. Geol. Soc. Lond. 132: 1-16.
- Branney, M. J. 1991. Eruption and depositional facies of the Whorneyside Tuff Formation, English Lake District: An exceptionally large-magnitude phreatoplinian eruption. Geological Society of America Bulletin 103: 886-897.
- Cas, R. A. F., and Wright, J. V. 1987. Volcanic succession: Modern and ancient. London: Allen & Unwin.
- Cox, K. G., Bell, J. D., and Pankhurst, R. J. 1979. The interpretation of igneous rocks. London: Allen & Unwin.
- Fink, J. H. 1980. Surface folding and viscosity of rhyolite flows. Geology 8: 250-254.
- Fisher, R. V., and Schmincke, H. U. 1984. Pyroclastic rocks. Germany: Springer-Verlag Berlin Heidelberg.
- Hatch, F. H., Wells, A. K., and Wells, M. K. 1984. Petrology of the igneous rocks. 13th ed. Delhi: CBS Publishers & Distributors.
- Kuno, H. 1959. Origin of Cenozoic petrographic provinces of Japan and surrounding areas. Bull. Volcanologique 20: 37-76.
- Macdonald, G. A. 1972. Volcanoes. Englewood Cliffs, New Jersey: Prentice-Hall.
- Miyashiro, A. 1974. Volcanic rock series in island arcs and active continental margins. Am. J. Sci. 274: 321-355.

- Nelson, S. A. 1981. The possible role of thermal feedback in the eruption of siliceous magmas. J. Volcanol. Geotherm. Res. 11: 127-137.
- Nikom Jungyusuk and Panya Suriyachai. 1987. Geology of Ban Maha Pho, King Amphoe Sri Thep, Ban Paniat and Amphoe Chai Badan. Geological Survey Report No. 0087 (in Thai), pp. 1-85.
- _____, and Somboon Khositantont. 1992. Volcanic rocks and associated mineralization in Thailand. National Conference on Geologic Resources of Thailand : Potential for Future Development. Nov. 17-24, pp. 522-538. Department of Mineral Resources, Thailand.
- _____, and Tanawut Sirinawin. 1983. Cenozoic basalts of Thailand. Conference on Geology and Mineral Resources of Thailand, pp. 9.
- _____, and Yongyut Trangkotchasan. 1972. Geology Survey Report of Amphoe Ban Mi, Ban Dong Plub Amphoe Chai Badan, Ban Nong Yamong Nong, Ban Hin Dad, and Ban Nong Sruang. Geological Survey Division, Department of mineral Resources, Bangkok, Thailand (in Thai).
- Nikorn Nakornsri. 1976. Geological map of Amphoe Ban Mi, 1:250,000, Sheet ND 474. Geol. Surv. Div., Dept. Mineral Resources, Bangkok, Thailand (in Thai).
- Rowley, R. D., Kuntz, M. A., and Macleod, N. S. 1981. Pyroclastic flow deposits. In Lipman & Mullineaux.
- Sangad Bunopas. 1981. Paleographic history of western Thailand and adjacent part of South-East Asia : A plate tectonics interpretation. Ph.D. dissertation, Victoria University of Wellington.

- _____, and P. Vella. 1983. Tectonic and geologic evolution of Thailand. In p. Nutalaya (ed.), Proceedings of the Workshop on Stratigraphic Correlation of Thailand and Malaysia, Sept. 8-10, pp. 307-323. The Geological Society of Thailand and the Geological Society of Malaysia.
- Sheraton, J. W. and Labonne, B. 1978. Petrology and geochemistry of acid igneous rocks of northeast Queensland. Bureau Miner. Res. Australia. Bull. 169: 139.
- Shapiro, L. 1975. Rapid analysis of silicate, carbonate, and phosphate rocks—revised edition. U. S. Geol. Surv. Bull. 1401: 76.
- Sheridan, M. F., Barberi, F., Rosi, M., and Santacroce, R. 1981. A model for Plinian eruptions of Vesuvius. Nature 289: 282-285.
- Sparks, R. S. J. 1976. Grain size variations in ignimbrites and implications for the transport of pyroclastic flows. Sedimentology 23: 147-188.
- _____, Self, S., and Walker, G. P. L. 1973. Products of ignimbrite eruptions. Geology 1: 115-118.
- _____, and Wilson, L. 1976. A model for the formation of ignimbrite by gravitational column collapse. J. Geol. Soc. Lond. 132 : 441-452.
- Streckeisen, A. 1979. Classification and nomenclature of volcanic rocks, lamprophyres, carbonatites, and melilitic rocks : Recommendations and suggestions of the IUGS Subcommittee on the Systematics of Igneous Rocks. Geology 7: 331-335.
- Suporn Intasopa, Dunn, T. and Lux, D. R. 1990. $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology of the central Thailand volcanic belt. Transaction American Geophysical Union EOS. 71: 1700.

- Teerapongs Thanasuthipitak. 1978. A review of igneous rocks of Thailand. In P. Nutalaya (ed.), Proceeding of the Third Regional Conference on Geology and Mineral Resources of Southeast Asia, pp. 775-782.
- Veerote Daorerk. 1972. Volcanic geology of the Taupo Basin. Master's Thesis, Victoria University of Wellington.
- Walker, G. P. L., Self, S. and Froggatt, P. C. 1981. The ground layer of the Taupo Ignimbrite: A striking example of sedimentation from a pyroclastic flow. J. Volcano. Geotherm. Res. 10: 1-11.
- Wilson, C. J. N., and Walker, G. P. L. 1982. Ignimbrite depositional facies: The anatomy of a pyroclastic flow. J. Geol. Soc. Lond. 139: 581-592.
- Wright, J. B. 1969. A simple alkalinity ratio and its application to question of non-orogenic granite genesis. Geol Mag. 106: 370-384.

BIOGRAPHY

Mr. Kiattisak Sonpirom was born in Khon Kaen province, on February 23, 1966. In 1988, he graduated with Bachelor Degree of Science in Geotechnology from Khon Kaen University, Khon Kaen, Thailand. After graduation, he studied the M.Sc. degree in Geology at Chulalongkorn University.

