REFERENCES

Aristodemou, E., and Thomas-Betts, A. 2000. DC Resistivity and Induced Polarisation Investigations at a Waste Disposal Site and Its Environments. *Journal of Applied Geophysics*, 44 : 275-302.

Baum, F., Braum, E.V., Hess, A., and Kock, K.E. 1981. Geological map of Northern Thailand Scale 1:250,000. Sheet (Chiang Mai 5).

CMU-JICA 1992. "Water Quality in Shallow well Nearby Waste Landfill Site in Chiang Mai City", Joint Study Project on Development of the Appropriate Technology as a Primary Health Care for Human Wastes Treatment and Disposal in Northern Thailand. Department of Environmental Engineering, Faculty of Engineering, CMU., The Institute of Public Health, Japan, and Japan International Cooperation Agency.

Greenhouse, J.P., and Harris, R.D. 1983. Migration of Contaminants in Groundwater at a Landfill-A case study 7. DC, VLF, and Inductive Resistivity surveys. *Journal of Hydrology*, 63 : 177-197.

Karnchanawong, S., Klinck, B.A., and Stuart, M.E. 1997. "The Mae Hia Landfill, Chiang Mai, Thailand; The Post-Closure Groundwater Contamination Legacy", International Conference on Resources Management in Intermontane Basins, Chiang Mai University, 231-245.

Kayabali, K., Yuksel, F.A., and Yeken, T. 1998. Integrated Use of Hydrochemistry and Resistivity Methods in Groundwater Contamination Caused by a Recently Closed Solid Waste Site. *Environmental Geology*, 36 : 227-284.

Loke, M.H. 1999. Electrical Imaging Surveys for Environmental and Engineering Studies-A practical guide to 2-D and 3-D surveys.

Margane, A. and Tatong, T. 1997. "Hydrogeology of the Chiang Mai-Lamphun Basin", International Conference on Resources Management in Intermontane Basins, Chiang Mai University, 151-166.

Mazac, O., Kelly, W.E., and Landa, I. 1985. A Hydrogeophysical Model for Relations between Electrical and Hydraulic Properties of Aquifers. *Journal of Hygrology*, 79 : 1-19.

Mazac, O., Cislerova, M., and Vogel, T. 1988. Application of Geophysical Methods in Describing Spatial Variability of Saturated Hydraulic Conductivity in the Zone of Aeration. *Journal of Hydrology*, 103 : 117-126.

Meju, M.A. 2000. Geoelectrical Investigation of Old/Abandoned Landfill Sites in Urban Areas: model development with a genetic diagnosis approach. *Journal of Applied Geophysics*, 44 : 115-150.

Nielson, D.M. (1991). *Practical Handbook of Ground-Water Monitoring*. Chelsea: Lewis publishers.

Singharajwarapan, F.S. 2001. Chiang Mai University, personal communication.

Singharajwarapan, S. and Singharajwarapan F.S. 1988. "Sedimentary Facies, Quality and Potential Analysis of Groundwater Wells in the Western Part of Chiang Mai Basin", Chiang Mai University. (in thai)

Slater, L.D., and Sandberg, S.K. 2000. Resistivity and Induced Polarization Monitoring of Salt Transport under Natural Hydraulic Gradients. *Journal of Applied Geophysics*, 65 : 408-420.

Stepén P. 1998. Fluid Migration in the Vadose Zone from 3-D Inversion of Resistivity Monitoring Data. *Geophysics*, 63 : 41-51.

Tatong, T., Kunthacap, P., Chatprasert, S., and Neumann-Redlin, C. 1997a. "Thai-German Technical Cooperation Project Environmental Geology for Regional Planning", Technical Report No. 8C, Documentation of Hydrogeology Data on Map Sheet 1: 50000 4746 II, Amphoe San pa tong.

Tatong, T., Kunthacap, P., Chatprasert, S., and Neumann-Redlin, C. 1997b. "Thai-German Technical Cooperation Project Environmental Geology for Regional Planning", Technical Report No. 8D, Documentation of Hydrogeology Data on Map Sheet 1: 50000 4746 I, Chiang Mai.

Telford, W.M., Gelbert, L.P., Sheriff, R.E., and Key, D.A. (1990). *Applied Geophysics*. Cambridge: Cambridge Univ.Press.

Vogelsang, D. (1995). *Environmental Geophysics*. Germany: Springer-Verlag Berlin Heidelberg.

WADI VLF instruction manual, ABEM Inc. 1991.

Wisuthitarawong, S., and Prawittarawong, W. 1996. "Shallow Well Water Contamination near Mae-Hia Solid Waste Disposal Site", Undergraduate project, Department of Environmental Engineering, Chiang Mai University. (in thai)

Wongpornchai, P. 1990. "Hydrogeology of the Western Part of Chiang Mai basin: Amphoe Mae Rim Amphoe Muang and Amphoe Hang Dong Changwat Chiang Mai". M.S. thesis, Chiang Mai University.

Yang, C.H., Tong, L.T., and Huang, C.F. 1999. Combined Application of DC and TEM to Sea-water Intrusion Mapping. *Geophysics*, 64 : 417-425.