

REFERENCES

- Basile,V., Carrozzo, M.T., Negri, S., Nuzzo, L., Quarta, T., and Villani A.V., 2000. A ground-penetrating radar survey for archaeological investigations in an urban area (Lecce, Italy). *Journal of Applied Geophysics* 44, 15-32.
- Bousisengpaseuth, B., Karlström, A., and Källén, A., 2000. Lao Pako Project Survey 2000. Unpublished report, Uppsala University, Uppsala, Sweden.
- Büyüksaraç. A., Bilim.F., Ateç. A., and Bektaş. Ö., 2006. Investigation of magnetic surveying data of buried grave jars in Harmanoren Necropolis (Turkey) using linear transformations and analytic signal. *Archaeological Science* 33, 910-920.
- Cezar, G.S., Rocha, P.L.F., Buarque, A., and Costa, A., 2001. Two Brazilian archaeological sites investigated by GPR: Serrano and Morro Grande. *Journal of Applied Geophysics* 47, 227-240.
- Chavez, R.E., Camara, M.E., Tejero, A., Barba, L., and Manzanilla, L., 2001. Site characterization by geophysical methods in the archaeological zone of Teotihuacán, Mexico. *Journal of Archaeological Science* 28, 1265-1276.
- Clark, J., 1986. Archaeological geophysics in Britain. *Geophysics* 51 (7), 1404-1413.
- Davis, J.L., and Annan, A.P., 1989. Ground Penetrating Radar for high-resolution mapping of soil and rock stratigraphy. *Geophysical Prospecting* 37, 531-551.
- Doolittle, J.A., and Collins, ME., 1995. Use of soil formation to determine application of ground penetrating radar. *Journal of Applied Geophysics* 33, 101-108.

Drahor, M.G., 2006. Integrated geophysical studies in the upper part of Sardis archaeological site, Turkey. *Journal of Applied Geophysics*, 59, 205-223.

Edwards, L.S., 1977. A modified pseudosection for resistivity and IP. *Geophysics* 42 (5), 1020-1036.

Griffiths, D.H., and Barker, R.D., 1993. Two-dimensional resistivity imaging and modeling in areas of complex geology. *Journal of Applied Geophysics* 29, 211-226.

Griffiths, D.H., and King, R.F., 1981. *Applied Geophysics for Geologists and Engineers*. Pergamon Press, England.

Goodman, D., 1994. Ground penetrating radar simulation in engineering and archaeology. *Geophysics* 59(2), 224-232.

Gracia, V.P., Canas, J.A., Pujades, L.G., Clapes, J., Caselles, O., Garcia, F., and Osorio, R., 2000. GPR survey to confirm the location of ancient structure under the Valencian Cathedral (Spain). *Journal of Applied Geophysics* 43, 167-174.

Hayee-uma, A., 2003. A Study of Pah-O Ancient Kilns with Geophysical Methods. Master of Science Thesis in Physics, Prince of Songkla University, Thailand.

Herwanger, J., Maurer, H., Green, A.G., and Leckebusch, J., 2000. 3-D Inversion of Magnetic Gradiometer Data in Archaeological Prospecting: Possibilities and limitation. *Geophysics* 65 (3), 849-860.

Hruska, J., and Fuchs, G., 1999. GPR prospecting in Ancient Ephesos. *Journal of Applied Geophysics*, 41, 293-312.

Hunt, C.P., Moskowitz, B.M., and Banerjee, K., 1995. Magnetic Properties of Rocks and Minerals. *Rock Physics and Phase Relation, a Handbook of Physical Constants AGU Reference shelf 3*, 189-204.

Imai, T., Sakayama, T., and Kanemori, T., 1987. Use of ground probing radar and resistivity Surveys for Archaeological Investigation. *Geophysics* 52 (2), 137-150.

Interprex Ltd. Gradix Radar processing System, v.1.08. Golden (Co.), 1997.

Källén, A., 2004. *And Through Flows the River: Archaeology and the Pasts of Lao Pako*. Doctoral Thesis, Uppsala University, Uppsala, Sweden.

Kampke, A., 1999. Focused imaging of electrical resistivity data in Archaeological Prospecting. *Journal of Applied of Geophysics* 41, 215-227.

Karlström, A., 2000. Lao Pako, an Iron Age site on the Nam Ngum river in Laos. *Bulletin of the Indo-Pacific Prehistory Association* 19, 85-92.

Kearey, P., Brooks, M., and Hill, I., *Introduction to Geophysical Exploration*, Blackwell Science, UK.

Kozhevnikov, N.O., Kharinsky, A.V., and Kozhevnikov, O.K., 2001. An accidental geophysical discovery of an Iron Age archaeological site on the western shore of Lake Baikal. *Journal of Applied of Geophysics* 47, 107-122.

Leucci, G., 2006. Contribution of ground penetrating radar and electrical resistivity tomography to identify the cavity and fractures under the main Church in Botrugno (Lecce, Italy). *Journal of Archaeological Science* 33, 1194-1204.

Leucci, G., and Negri, S., 2006. Use of ground penetrating radar to map subsurface archaeological features in an urban area. *Journal of Archaeological Science* 33, 502-512.

Loke, M. H, and Barker, R., 1996. Rapid least-square inversion of apparent resistivity pseudosection by a quasi-Newton method. *Geophysical Prospecting* 44, 131-152.

Negri, S., and Leucci, G., 2006. Geophysical investigation of the temple of Apollo (Hierapolis, Turkey). *Journal of Archaeological Science* 33, 1505-1513.

Parasnis, D.S., 1997. *Principle of Applied Geophysics*. Chapman & Hall , London Press, UK.

Persson K.B., 1997. Soil Phosphate Analysis: A New Technique for measurement in the Field Using a Test Strip. *Archaeometry* 39 (2), 441-443.

Phattaviriyaphisarn , A., 2002. A study of Archaeology Morphology with High Frequency Electromagnetic wave. Master of Science Thesis in Physics, Prince of Songkla University, Thailand.

Quarto, R., Schiavone, D., and Diaferia, I., 2007. “Ground penetrating radar survey of a prehistoric site in southern Italy, *Journal of Archaeological Science* 34, 2071-1080.

Reynold, J.M., 1997. *An Introduction to Applied and Environmental Geophysics*. Wiley (Eds.) Press, England.

Shaaban, F.F., and Shaaban, F.A., 2001. Use of two-dimensional electric resistivity and ground penetrating radar for archaeological prospecting at the ancient capital of Egypt. *African Earth Sciences*, Vol.33, 661-671.

Sambuelli, L., Socco, L.V., and Brecciardi, L., 1999. " Acquisition and prospecting of Electric, Magnetic and GPR Data on Roman Site (Victimulae, Salussola, Biella), Journal of Applied of Geophysics, 41, 189-204.

Sternberge, B.K., and McGill, J.W., 1995. Archaeological studies in southern Arizona using ground penetrating radar. Journal of Applied Geophysics 33, 209-225.

Telford, W.M., Gerdart, L.P., and Sherriff, RE., 1990. Applied Geophysics. Cambridge Univ. Press, England.

Tsokas, G., and Tsourlos, P., 1997. Transformation of the Resistivity Anomalies from archaeological sites by Inversion Filtering. Geophysics 62(1), 36-34.

Vaughan, C.J., 1986. Ground Penetrating Radar Survey used in Archaeological Investigation. Geophysics, 51(3), 595-604.

Wattanasen, K., 2001. A Geophysical study of an Arsenic Contaminated Area in the Ronphibun District, Southern Thailand. Licentiate Thesis, Lulea University of Technology, Lulea, Sweden.

Young, C.T., and Droege, D.R., 1986. Archaeological Applications of Resistivity and Magnetic Methods at Fort Wilkins State Park, Michigan. Geophysics 51 (3), 568-575.