

REFERENCES

- Adobe System. 1998. **Adobe Photoshop 5.0 user guide for Macintosh and Windows**. USA.: Adobe System.
- Anuchat Pongsomlee, and Ross, H. 1992. **Impacts of modernization & urbanization in Bangkok: An integrative ecological and biosocial study**. Nakhon Pathom: Institute for Population and Social Research, Mahidol University.
- Balling, R. C., Jr., and Brazel, S. W. 1988. High-resolution surface temperature patterns in a complex urban terrain. **Photogrammetric Engineering and Remote Sensing**. 54(9): 1289-1293.
- Barrett, E. C., and Curtis, L. F. 1992. **Introduction to Environmental Remote Sensing**. 3rd ed. London: Chapman&Hall.
- Buiten, H.J. 1993. General view of remote sensing as a source of information. In Buiten, H.J. and Clevers, J.G.P.W. (ed.), **Land observation by remote sensing**. pp. 9-26. Singapore: Gardon and Breach Science.
- Carnahan, W. H., and Larson, R. C. 1990. An analysis of an urban heat sink. **Remote Sensing of Environment**. 33: 65-71.
- Chulalongkorn University. 1996. **The study for Bangkok Metropolis development plan setting :volume 5**. Bangkok: (n.p.) (in Thai)
- Clevers, J.G.P.W. 1993. Spectral signature and modelling in the reflective optical window. In Buiten, H.J. and Clevers, J.G.P.W. (ed.), **Land observation by remote sensing**. pp. 177-202. Singapore: Gardon and Breach Science.
- Desjardins, R., Gray, J., and Bonn, F. 1990. Atmospheric corrections for remotely-sensed thermal data in a cool humid temperate zone. **International Journal of Remote Sensing**. 11(8): 1369-1389.
- Drury, S. A. 1992. **A guide to remote sensing: Interpreting image of the earth**. New York: Oxford University Press.
- Environmental System Research Institute. 1990. **Understanding GIS: the ARC/INFO method**. USA.:Environmental System Research Institute.

- Forster, B. 1991. Application of normalized vegetation index differencing for urban change monitoring. In S. Murai (ed.), **Applications of remote sensing in Asia and Oceania: Environmental change monitoring**. pp. 215-220. Tokyo: Asian Association on Remote Sensing.
- Gallo, K. P., and Tarpley, J. D. 1996. The comparison of vegetation index and surface temperature composites for urban heat-island analysis. **International Journal of Remote Sensing**. 17(15): 3071-3076.
- Gallo, K. P., *et al.* 1993. The use of a vegetation index for assessment of the urban heat island effect. **International Journal of Remote Sensing**. 14(11): 2223-2230.
- Gallo, K.p., and Flesch, T.K. 1989. Large area crop monitoring with the NOAA AVHRR: Estimating the silking stage of corn development. **Remote Sensing of Environment** 27: 73-80.
- Goulding, J. R., Lewis, J. O., and Steemers, T. C., ed. 1992. **Energy conscious design: A primer for architects**. London: B. T. Batsford.
- Goward, S.N., Tucker, C.J., and Kendall, J.D. 1985. North american vegetation patterns observed with the NOAA-7 Advanced Very High Resolution Radiometer. **Vegetation** 64: 3-14.
- Halsey, K. 1994. **Weather and climate**. Asia: Time life.
- Harris, Paul M., and Ventura, Stephen J. 1995. The integration of geographic data with remotely sensed imagery to improve classification in an urban area. **Photogrammetric Engineering and Remote Sensing**. 61(8):993-998.
- Henry, James A., Dicks, Steven E., Wetterquist, Orjan F., and Roguski, Stephen J. 1989. Comparison of satellite, ground-based and modelling techniques for analyzing the urban heat island. **Photogrammetric Engineering and Remote Sensing**. 55(1): 69-76.
- Hidore, J. J., and Oliver, J. E. 1993. **Climatology: An Atmospheric science**. New York: Macmillan.
- <http://userservices.nrct.go.th/Satellite/index.html>
- http://edcwww.cr.usgs.gov/glis/hyper/guide/landsat_tm#tm8

- Japan Association on Remote Sensing. 1994. Remote sensing notes. Available from <http://www.ait.ac.th>, INTERNET
- Karale, R.L., Radhakrishnan, K., and Chandrasekhar, M.G. 1991. District level land use / land cover mapping using automative techniques of remote sensing. In S. Murai (ed.), **Applications of remote sensing in Asia and Oceania: Environmental change monitoring**. pp. 248-255. Tokyo: Asian Association on Remote Sensing.
- Kim, H. H. 1992. Urban Heat island. **International Journal of Remote Sensing**. 13(12): 2319-2336.
- Kubo, S. 1996. Urban thermal environment of Asian megacities. . **In Proceedings of the First Inter-University Seminar on Asia Megacities**, pp. 203. March 7-8, 1996. Keio University at Shonan Fujisawa Campus, Japan.
- Laurie, M. 1996. **An introduction to landscape architecture**. 2nd ed. (n.d.): Elsevier Science.
- Lillesand, T. M., and Kiefer R. W. 1994. **Remote sensing and image interpretation**. 3 rd ed. . New York: John Wiley&Sons.
- Lo, C. P., Quattrochi, D. A., and Luvall, J. C. 1997. Application of high-resolution thermal infrared remote sensing and GIS to assess the urban heat island effect. **International Journal of Remote Sensing**. 18(2): 287-304.
- Maha Chakri Sirindhorn, H.R.H. Princess. 1991. Environmental and agricultural development studies by remote sensing techniques in Phatthana Nikhom District, Lop Buri province, Thailand. In S. Murai (ed.), **Applications of remote sensing in Asia and Oceania: Environmental change monitoring**. pp. 22-30. Tokyo: Asian Association on Remote Sensing.
- Maha Chakri Sirindhorn, H.R.H. Princess., *et al.* 1989. **The study of land use / land cover map accuracy using high resolution imagery for Narathiwat province**. Bangkok: Funny.
- Malaret, E., Barlolucci, L. A., Lozano, D. F., Anuta, P. E. and McGillem, C. D. 1985. **Photogrammetric Engineering and Remote Sensing**. 51(9): 1407-1416.
- Malingreau, J.P. 1986. Global vegetation dynamicx: satellite observations over Asia. **International Journal of Remote Sensing** 7: 1121-1146.

- Markham, B.L., and Barker, J.L. 1986. Landsat MSS and TM post-calibration dynamic ranges, exoatmospheric reflectance and at-satellite temperature. **EOSAT-Landsat Technical Notes** , No.1: 3-8.
- Marsh, W. M. 1991. **Landscape planning environmental applications**. 2nd ed. New York: John Wiley&Sons.
- Nichol, J. E. 1994. A GIS-based approach to microclimate monitoring in Singapore's high-rise housing estates. **Photogrammetric Engineering and Remote Sensing**. 60(10): 1225-1232.
- Oke, T. R. 1987. **Boundary layer climates**. 2nd ed. Great Britain: Cambridge University Press.
- PCI . 1997. **Using PCI software version 6.1: volume 1**. Canada: PCI.
- PCI. 1997. **Using PCI software version 6.1: volume 2**. Canada: PCI.
- Roth, M., Oke, T. R., and Emery, W. J. 1989. Satellite-derived urban heat islands from three coastal cities and the utilization of such data in urban climatology. **International Journal of Remote Sensing**. 10(11): 1699-1720.
- Schott, J. R., and Volchok, W. J. 1985. Thematic Mapper thermal infrared calibration. **Photogrammetric Engineering and Remote Sensing**. 51(9): 1351-1357.
- Science Technology and Energy, Ministry. National Research Council of Thailand. 1991. **Thailand from space**. Bangkok: Darnsutha.
- Smith, R. C. G., and Choudhury, B. J. 1990. On the correlation of indices of vegetation and surface temperature over south-eastern Australia. **International Journal of Remote Sensing**. 11(11): 2113-2120.
- Suvanamas, Bubphanare. 1982. Bangkok: Urban functional structure. **Thammasat Journal**. 11 (1). (in Thai)
- Tapananont, N. 1996. Planning institution and application for Bangkok Metropolis. **In Proceedings of the First Inter-University Seminar on Asia Megacities**, pp. 149-180. March 7-8, 1996. Keio University at Shonan Fujisawa Campus, Japan.
- Terjung, W.H. 1976. Climatology for geographers. **Annals of the Association of American Geographers** 66(2): 199-222.

World Meteorological organization. 1997. **The global atmosphere watch: Urban environments-an emerging focus.** NO.14

BIOGRAPHY

Kanokwan Komonveeraket was born on June 26, 1972. She received a Bachelor of Science (Analytical Chemistry) in 1995 from Faculty of Agricultural Engineering and Technology, Rajamangala Institute of Technology. After that, she entered a Master degree program at the Inter-department of Environmental Science, Graduate School of Chulalongkorn University.