

## REFERENCES

1. Cowie, J. (2007). *Climate Change: Biological and human Aspects*. Cambridge ; Cambridge University Press
2. Elmagboul, A., et al. [Online]. No date. *Plantation forestry in Thailand (Teak, Rubberwood, Eucalypt) case study in Chiang Rai province*. Available from : [http://www.helsinki.fi/vitri/research/Educational\\_Projects/forrsa/RE\\_2\\_Course%20and%20workshop%20proceedings/report/Group4\\_report.pdf](http://www.helsinki.fi/vitri/research/Educational_Projects/forrsa/RE_2_Course%20and%20workshop%20proceedings/report/Group4_report.pdf). [Accessed 2011 July 12].
3. FAO 2001. *Global Forest Resources Assessment 2000*. FAO Forestry Paper 140. FAO, Rome, Italy.
4. Vogt K.A., et al. 2007. *Forests and society: sustainability and life cycles of forests in human landscapes*. Trowbridge; Cromwell press.
5. Gardner Simon. 2000. *Field guide to forest trees of Northern Thailand*. Bangkok: Kobfai Publishing Project, 560 p.
6. Weaver P.L. *Tectona grandis* L.f. [Online]. 1993. Available from : <http://www.tree-search.fs.fed.us/pubs/30352>. [Accessed 2009 Dec 23].
7. Kaosa-ard, A. 1980. *Teak (Tectona grandis Linn.f.), I. Natural Distribution and Related Factors*. Technical Paper No. 9, Teak Seed Centre, Ngao, Lampang. Mimeograph. 19 p.
8. Kaosa-ard A. 1993. *Teak in Thailand: Technical Document*. Teak in Asia (Proceedings of The CHINA/ESCAP/FAO Regional Seminar on research and Development of Teak). Edited by H. Wood. P.79-85
9. Tewari, D.N. 1992. *A monograph on teak (Tectona grandis) Linn.f*. International book Distributors. Dehra Dun. India.
10. César Centeno. [Online]. No date. *The management of Teak plantations*. Available from : <http://www.treemail.nl/teakscan.dal/files/mngteak.htm>. [Accessed 2011 July 12].

11. Pandey, D. and C. Brown, 2000, Teak: a global overview, *An International Journal of Forestry and Forest Industry*, Vol. 51.
12. Landgrebe, D. A. 1978. The quantitative approach: concept and rationale. Pages 1–20 in P. H. Swain and S. M. Davis, Eds. *Remote Sensing: The Quantitative Approach*. McGraw-Hill: New York.
13. Avery, T. E. 1968. *Interpretation of Aerial Photographs*. 2nd ed. Burgess, Minneapolis, MN.
14. Curran, P.J. 1985. *Principles of Remote Sensing*. Longman Group: UK.
15. Mather, P.M. and M. Koch. 2011. *Computer processing of remotely-sensed images: an introduction*. 4th ed. Singapore: Markono.
16. Chander, G., Markham, B.L., Helder, D.L. (2009). Summary of Current Radiometric Calibration Coefficients for Landsat MSS, TM, ETM+, and EO-1 ALI Sensors. *Remote Sensing of Environment*, 113: 893–903.
17. Jenson, J. R. 2000. *Remote sensing of environment: an earth resource perspective*. Prentice-hall: USA.
18. Cohen, W.B. 1991. Response of Vegetation Indices to Changes in Three Measures of Leaf Water Stress. *Photogrammetric Engineering & Remote sensing*, 57(2):195-202
19. Birth, G.S. and G. McVey. 1968. Measuring the Color of Growing Turf with a Reflectance Spectrophotometer. *Agronomy Journal*, 60:640-643
20. Rouse, J.W., R.H. Haas, J.A. Schell and D.W. Deering. 1974. Monitoring Vegetation System in Great Plains with ERTS. *Proceeding of Third Earth Resource Technology satellite-1 Symposium, Greembelt: NASA sp-351,3010-3017*
21. Zorah, M., G. Pavelescu, D.N. Nicolae and C. Talianu. Surface biophysical parameters derived from remote sensing data for urban changes assessment. *Proceedings of the 2<sup>nd</sup> Environmental Physics Conference*. Alexandria, Egypt: 185-195
22. Rikimaru, A., Roy, P.S., Miyatake, S., 2002. Tropical forest cover density mapping. *Trop. Ecology*. 43, 39–47.

23. Taweasuk S. and P. Thammapala. 2005. Expert classification technique for mapping Teak plantation areas in Thailand. Proceeding of Pecora 16: Global Priorities in Land Remote Sensing. Sioux Falls, South Dakota
24. Iglesias C.O. Determination of Carbon Sequestration and Storage Capacity of Eucalyptus Plantation in Sra Kaew Province, Thailand Using Remote Sensing. [M.S. Thesis in Environmental science]. Bangkok: Faculty of Graduate Studies, Mahidol University; 2007
25. Nilubol J. Geo-Informatics Technology for Age-Class Identification of Para Rubber Plantation in Krabi Province. [M.S. Thesis in Environmental science]. Bangkok: Faculty of Graduate Studies, Mahidol University; 2007
26. Prabir Basu. Biomass gasification and pyrolysis : practical design and theory. Burlington; Academic press. 2010
27. Grier, C.C. and Logan, R.S. Old-growth *Pseudotsuga menziesii* communities of western Oregon watershed: biomass distribution and production budgets. Ecological Monograph 47, 373-400
28. Brown S. Estimating Biomass and Biomass Change of Tropical Forests. Food and Agriculture Organization of the United Nations Forestry paper No. 134, Rome. 1997.
29. Kira, T. and T. Shidei. 1967. Primary production and turnover of organic matter in different ecosystems of the Western Pacific. Jap. Journal of Ecology 17(2): 70-87.
30. Köhl, M.,Magnussen, S. and Marchetti M. Sampling Methods, Remote Sensing and GIS Multiresource Forest Inventory. Berlin. 2006.
31. Viriyabuncha C., P. Chittachumnonk, C. Sutthisrisinn, S. Samran and Peawsa-ad K. 2002. Adjusting Equation to Estimate the Above-ground Biomass of Teak Plantation in Thailand. Proceedings of the 7<sup>th</sup> Silvicultural Seminar. Bangkok, Thailand.
38. Pumijumong N. 2007. Aboveground - root biomass and soil carbon content of teak plantation. Environment and Natural Resources Journal 5(2): 109-121

39. Samek. J.H. and Skole D.L. Project Report: Carbon2Markets Small-Holder Agroforestry Project Thailand -Teak. [Online] 2010. Available from: [http://35.8.163.122/maps/google/thai\\_teak\\_v5/thai\\_teak\\_project\\_Pdfreport.asp](http://35.8.163.122/maps/google/thai_teak_v5/thai_teak_project_Pdfreport.asp) [Accessed 2010 June 08].
40. มหาวิทยาลัยมหิดลร่วมกับองค์การอุตสาหกรรมป่าไม้. การประเมินผลกระทบสิ่งแวดล้อมเบื้องต้นกรณีสวนป่าขององค์การอุตสาหกรรมป่าไม้. นครปฐม: มิสเตอร์ก๊อปปี้; 2552.
41. งานสวนป่าขุนแม่คำมี: สำนักงานอนุรักษ์และพัฒนาสวนป่านาน. แผนการจัดการสวนป่าอย่างยั่งยืน. มปท. 2552
42. สำนักจัดการที่ดินป่าไม้. รายงานฉบับสมบูรณ์ : โครงการการจัดทำแผนที่ป่าไม้โดยภาพถ่ายดาวเทียม พ.ศ. 2551. 2551.
43. Chavez, P. S., jr. 1996. Image-based atmospheric corrections - Revisited and Improved. *Photogrammetric Engineering and Remote Sensing* 62 (9): 1025-1036.
44. สำนักงานพัฒนาเทคโนโลยีอวกาศและภูมิสารสนเทศ (องค์การมหาชน). ตำราเทคโนโลยีอวกาศและภูมิสารสนเทศศาสตร์. พิมพ์ครั้งที่ 1. อมรินทร์: กรุงเทพฯ; 2552.
45. Congalton, R.G. 1991. A review of assessing the accuracy of classifications of remotely sensed data. *Remote Sensing of environment* 37:35-46
46. Jensen, J. R. 1996. *Introductory Digital Image Processing: A Remote Sensing Perspective* (Second edition). Prentice Hall, Inc., Upper Saddle River, New Jersey, USA.
47. Siam Lawawirojwong. (2002) Expert Classification for Land Cover Mapping of Bang Pakong Watershed. M.Sc. Thesis in Information Management on Environments and Natural Resource, Faculty of Graduate Studies, Mahidol University.
48. Srisuwan S., et al. 2009. Estimation of Teak Plantation Biomass in Prachinburi. *Engineering Transactions* 12(26): 69-75.
49. Margaret, K., Alvaro, C., Tim, M. (2002). Carbon storage of harvest-age teak (*Tectona grandis*) plantation, Panama. *Forest Ecology and Management*; 5863: 1-13.

50. Chistian B. and Krishnayya N.S.R. 2007. Spectral signatures of teak (*Tectona Grandis* L.) using hyperspectral (EO-1) data. *Current Science* 93(9): 1291-1296
51. Priya P.B. and Bhat K.M. 1999. Influence of Rainfall, Irrigation and Age on The Growth Periodicity and Wood Structure in Teak (*Tectona Grandis*). *Lawa journal* 20(2): 181-192