

REFERENCE

Alphonse C.B.: Application of the Analytic Hierarchy Process in agriculture in developing countries, *Agricultural Systems*, 53, 97-112, 1997.

Anonymous: Assessing the effects of fire disturbance on ecosystems: a scientific agenda for research and management. General Technical Report PNW-GTR-455, USDA Forest Service Pacific Northwest Research Station, USA, 2000.

Behan, R. W.: Multiresource management and planning with EZ-IMPACT. *Journal of Forestry*, 92(2): 32-36, 1994.

Berry, M. W., Flamm, R.O., Hazen, B. C. and MacIntyre, R. M.: The land-use change and analysis (LUCAS) for evaluating landscape management decisions. *IEEE Computational Science and Engineering*, 3:24-35, 1996.

Briassoulis, H.: Analysis of Land Use Change, Theoretical and Modeling Approaches. Regional Research Institute, West Virginia University, 1999.

Church, R.L., Murray, A.T., Figueroa, M.A., Ager, A.A., McGaughey, R.J. and Merzenich, J.: Artificial Landscape Visualization of Ecosystem Management Plans. Submitted to *AI Applications*, 1994.

Committee on Scientific Issues in the Endangered Species Act, Board on Environmental Studies and Toxicology, Commission on Life Sciences, National Research Council: Science and the endangered species act. Copyright © National Academy of Sciences, 1995.

Decision Analysis Software Survey. *OR/MS Today*, October 2000, , Lionheart Publishing, Inc., USA, 2000.

Djordjevic, B.: Neki socioloski fenomeni bitni za proces odlucivanja u vodoprivredi, *Vodoprivreda* 156-157, 129-136, 1995.

Edwards, W., Barron F.H.: SMARTS and SMARTER: Improved Simple Methods for Multiattribute Utility Measurement. *Organizational Behavior And Human Decision Processes*, Vol. 60, pp. 306-325, 1994.

European Forest Institute, Country Report – Indonesia, CIS, 1999.
<http://www.efi.fi/cis/english/creports/indonesia.html>

Faith, D. P., Walker, P.: DIVERSITY: a software package for sampling phylogenetic and environmental diversity. User's Guide. Chapters 1-4, Vol. 3, BIORAP tools for assessing priority areas. CSIRO, Australia, 1995.

Faith, D. P.: Biodiversity and Regional Sustainability Analysis. CSIRO, Australia, 1995.

Haerer, W.: Criterium Decision Plus 3.0. *ORMS Today*, February 2000, Lionheart Publishing, Inc., USA, 2000.

Hansard A., Dann, T., Stephens, M., Clark, J.: An Economic Model for Comprehensive Regional Forest Assessments: A case study - some issues and considerations. 40th Annual Conference of the Agricultural and Resource Economics Society, Melbourne, 13-15 February, 1996.

Harker P.T., Vargas L.G.: The theory of ratio scale estimation: Saaty's Analytic Hierarchy Process, *Management Science*, 33(11), 1383-1403, 1987.

Host, G.E., Rauscher, H.M., Schmoldt, D.: SYLVATICA: an integrated framework for forest landscape simulation. *Landscape and Urban Planning*, 21, 281-284, 1992.

Janssen, R. and van Hervijnen, M.: DEFINITE: Decisions on a finite set of alternatives. Institute for Environmental Studies, Free University Amsterdam, The Netherlands, Kluwer Academic Publishers, software on 2 disks, 1992.

Kangas, J., Hytonen, L., Loikkanen, T.: Integrating the AHP and HERO into the Process of Participatory Natural Resources Planning. Research funded by Finnish Foreest Research Institute, the Finnish Forest and Park Service, Samnordisk Skogsforskning, and the Ministry of Agriculture and Forestry of Finland, 1999.

Kangas, J., Karsikko, J., Laasonen, L., Pukkala, T.: A method for estimating the suitability function of wildlife habitat for forest planning on the basis of expertise. *Silva Fenica*, Vol. 27, No. 4, pp. 259 – 268, 1993.

Kangas, J., Laasonen, L., Pukkala, T.: A Method for Estimating Forest Landowner's Landscape Preferences. *Scandinavian Journal of Forest Research* 8, pp. 408 – 417, 1993.

Kangas, J., Loikkanen, T., Pukkala, T., Pykalainen, J.: A Participatory Approach to Tactical Forest Planning. *Acta Forestalia Fennica* 251, 1996.

Kangas, J.: A multi – attribute preferences model for evaluating the reforestation chain alternatives of a forest stand. *Forest Ecology and Management* 59, pp. 271 – 288, 1993.

Kangas, J.: Multiple – Use Planning of Forest Resources by using Analytic Hierarchy Process. *Scandinavian Journal of Forest Research* 7, pp. 259 – 268, 1992.

Kangas, J.: Supporting the Choice of the Sports Fishing Site. *Journal of Environmental Management* 43, pp. 219 – 231, 1995.

Kangas, J.: The Analytic Hierarchy Process (AHP): Standard Version, Forestry Application and Advances. Multiple Use of Forest and Other Natural Resources, Kluwer Academic Publisher, 1998.

Karlsson J., Wohlin C., Regnell B.: An evaluation of methods for prioritizing software requirements, *Information and Software Technology*, 39 (14-15), 939-947, 1998.

Kent, B., Bare, B.B., Field, R.C. and Bradley, G.A.: Natural Resource Land Management Planning using Large-Scale Linear Programs: the USDA Forest Service experience with FORPLAN. *Operations Research*, 39, 13 – 27, 1991.

Kuusipalo, J., Kangas, J., Vesa, L.: Sustainable Forest Management in Tropical Rain Forests: A Planning Approach and Case Study form Indonesian Borneo. *Journal of Sustainable Forestry*, Vol. 5, No. 3/4, pp. 93-118, 1997.

Kuusipalo, J., Kangas, J.: Managing Biodiversity in a Forestry Environment. *Conservation Biology*, Vol. 8, No. 2, pp. 450 – 460, 1994.

Lexer, M., Hönninger, K., Scheifinger, H., Matulla, C., Groll, N., Kromp-Kolb, H.: The potential impacts of climate change on central european mountain forests: an ecological risk assessment. GCTE Activity A3.5, Managed Forests, 1999.

McGaughey, R. J.: Visualizing forest stand dynamics using the stand visualization system. In: Proceedings of the 1997 ACSM/ASPRS Annual Convention and Exposition; Arpil 7-10, 1997.

Mendoza, A. G., Prahu, R.: Multiple criteria decision making approaches to assesing forest sustainability using criteria and indicators, A case study. Forest Ecology and Management 131, pp. 107 - 126, 2000.

Moore, T.: A cause-effect framework for assessing indicators of sustainable forest management. Indicators of Sustainable Development Workshop, Corner Brook, Newfoundland, 1993.

Mowrer, H. T., Barber, K., Campbell, J., Crookston, N., Dahms, C., Day, J., Laacke, J., Merzenich, J., Mighton, S., Rauscher, M., Reynolds, K., Thompson, J., Trenchi, P. and Twery, M.: Decision support systems for ecosystem management: an evaluation of existing systems. USDA Forest Service, Interregional Ecosystem Management Coordination Group, Decision Support System Task Team, Rocky Mountain Forest and Range Experiment Station, RM-GTR-296, 154 pp., 1997.

Narasimhan R.: An Analytical Approach to Supplier Selection, Purchasing and Materials Management, 19(1), 27-32,1983.

Ojansuu, R., Hynynen, J., Koivunen, J., Luoma, P.:Luonnonprosessit metsälaskelmassa (MELA) - Metsä 2000-versio (Natural process models in the MELA System). Metsäntutkimuslaitoksen tiedonantoja, 385: 1—59, 1991.

Oliver, C. D., McCarter, J. B.: Developments in decision support for landscape management. In: M. Heit, H. D. Parker, and A. Shortreid (editors), GIS applications in natural resource management 2, Proceedings of the 9th American Symposium on Geographic Information Systems, at Vancouver, BC, pp. 501-509, 1996.

Orland, B.: SMARTFOREST: a 3-D interactive forest visualization and analysis system. In: J. M. Power, M. Strome, and T. C. Daniel (editors). Proceedings of the Decision Support – 2001 Conference, 12-16 September 1994 at Toronto, Ontario, pp. 181-190, 1995.

Otte, R., Patrick, P., Roy, M.: Understanding CORBA: the common object request broker architecture. Prentice-Hall, Inc., NJ, 267 pp., 1996.

Palmer, J.: Monitoring forest practices. Paper for the conference on economic, social and political issues in certification of forest management, Malaysia, 1996. <http://www.forestry.ubc.ca/concert/palmer.html>

Pesonen, M., Ahola, J., Kurttila, M., Kajanus, M.: Utilizing the Analytic Hierarchy Process (AHP) in SWOT Analysis - A Hybrid Method and its Application in Decision Making of Finnish Forest Industry Investment Strategy in Northern America. Southern Forest Economic Group Annual Meeting, Forest Investments: Improving the Oddsabstract, Biloxi, USA, 1999.

Peterson, D., Silsbee, D., Schmoldt, D.: A case study of resources management planning with multiple objectives and projects. Environmental Management. 18(5): 729-742, 1994.

Peterson, D., Silsbee, D., Schmoldt, D.: A planning approach for developing inventory and monitoring programs in National Parks. Natural Resources Report NPS/NRUW/NRR-95/16, 1995.

Preston, R.A.: FERIS: an integrated remote sensing and environmental modelling system for assessment and monitoring of Queensland's forests. Proceedings of the 6th Australasian Remote Sensing Conference, 2-6 November, 1992, Wellington, New Zealand: 1-263 - 1-270, 1993.

Pukkala, T., Nuutinen, T., Kangas, J.: Integrating Scenic and Recreational Amenities into Numerical Forest Planning. Landscape and Urban Planning, International Journal of Landscape Ecology, Landscape Planning and Landscape Design, pp. 185 – 195, 1995.

Pykalainen, J., Kangas, J., Loikkanen, T.: Interactive Decision Analysis in Participatory Strategic Forest Planning, Experiences from State Owned Boreal Forests. Journal of Forest Economics 5:3, 1999.

Qureshi, M., Greenfield, F., Kingham, F., Krol, Å.: Use of Multi-Criteria Analysis in Decision Support for Ecologically Sustainable Development. Ecological Economics: A Conference Report, Australian Parliamentary Library, Background Paper 7, 1996.

Rauscher, H. M.: Ecosystem Management Decision Support For Federal Forests in the United States: A Review, Journal Forest Ecology and Management, 1998.

Rubenking, N.: BestChoice3: Low-Cost Decision Support for Complex Problems. PC – Magazine, February 27, 1990.

Saaty T.L.: Axiomatic foundation of the Analytic Hierarchy Process, Management Science, 32(7), 841-855, 1986.

Saaty T.L.: Decision making for leaders, RWS Publications, Pittsburg, USA, 1992.

Saaty, T.: The Analytic Hierarchy Process, McGraw Hill, 1980.

Saaty, T.L.: Multicriteria Decision Making - The Analytical Hierarchy Process, RWS Publications, Pittsburg, Pa., 1992.

Schmoldt, L., Peterson, L.: Analytical Group Decision Making in Natural Resources: Methodology and Application. Forest Science, Volume 46, Number 1, pp. 62-75, February 2000.

Schoemaker P.J., Waid C.C.: An experimental comparison of different approaches to determining weights in additive utility models, Management Science, 28(2), 182-196, 1982.

Siitonen, M.: A long term forestry planning system based on data from the Finnish national forest inventory. Proceedings of the IUFRO subject group 4.02 meeting in Finland, September 5-9, 1983. University of Helsinki, Department of Forest Mensuration and Management. Research Notes 17: 195 - 207, 1983.

Srdjevic, B., Jandric, Z.: Mogucnosti sistemske analize u ocnj optimalnog ocuvanja, razvoja i eksploatacije suma Sumskog gazdinstva 'Novi Sad'. Studija, str. 40, Novi Sad, 2000.

Sygenex: Criterium Decision Plus: the complete decision formulation, analysis, and presentation for Windows. User's Guide. Sygenex Inc., 15446 Bel-Red Road, Redmond, WA 98052, 327 pp., 1994.

The Forest 2000 Programme. Guidelines for developing Finnish forestry and the forest industries. Silva fenn., 20: 35 - 44, 1986.

The Presentation of the Revised Forest 2000 Program. Finnish Forestry Association, 1992.

Thriantaphyllou, E.: Reduction of Pairwise Comparison in Decision Making via a Duality Approach. *Journal of Multi- Criteria Decision Analysis*, Anal. 8, pp. 299 – 310, 1999.

Thwaites, R.: An Opportunity for Quantitative Land Resource Assessment in Queensland Forestry, *ACLEP Newsletter* 4 (2): 2 - 5. June, 1995.

von Winterfeldt, D., Edwards, W.: *Decision Analysis and Behavioral Research*. Cambridge University Press, New York, N.Y, 1986.

Waring, B.: Sustainable forest management context: the case of the Gold Coast Hinterland State Forest. *ISEE Conference People and Nature: Operationalising Ecological Economics*, Canberra, Australia, 2000.

Xingang, K., Qingfeng , H.: Structure regulation researches on secondary forest resources in north China. *Journal of Beijing Forestry University*, Vol.22, No.3, pp.41-43, 2000.

Yoshimura, T., Kokutani, S., Kanzaki, K., Uchida, O.: A study to evaluate forest-road plans using landscape simulation. *Journal of Japanese Forest Engineers Society* 11(1), pp. 21-28, 1996 (in Japanese with English summary).