

Ausgewählte Literatur Landschaftsökologie:

Thema	Literaturzitat
Key-paper	Boecklen, W.J., 1997: Nestedness, biogeographic theory, and the design of nature reserves. <i>Oecologia</i> , 112: 123-142.
Key-paper	Bunce, R. G. H., L. Ryszkowski, M.G. Paoletti [ed.], 1993, Landscape ecology and agroecosystems. Lewis Publishers. Boca Raton, 241 S.
Key-paper	Bunce, R.G.H., Howard, D.C. (eds.), 1990: Species Dispersal in Agricultural Habitats. Belhaven Press, London.
Key-paper	Finke, L. 1994: Landschaftsökologie; Das Geographische Seminar, Westermann. Braunschweig, 232 S.
Key-paper	Forman, R.T.T., Godron, M., 1986: Landscape ecology, John Wiley&Sons. New York, 619 S.
Key-paper	Gergel, S. E. and M. G. Turner, editors. Learning landscape ecology: a practical guide to concepts and techniques. Springer-Verlag, New York. In preparation, anticipated for 1999.
Key-paper	Haines-Young, R., D.R. Green, S.H. Cousins (Eds.), 1993: Landscape ecology and geographic information systems, Taylor&Francis. London, 288 S.
Key-paper	Herrmann, B., A. Budde (Hrsg.), 1989: Natur und Geschichte. Naturwissenschaftliche und historische Beiträge zu einer ökologischen Grundbildung; Niedersächsisches Umweltministerium. Hannover, 280 S.
Key-paper	Hobbs, R.J., 1992: The role of corridors in conservation: Solution or bandwagon? <i>TREE</i> 7(11): 389-392.
Key-paper	Hubrich, H., 1992: Landschaftsökologie. Eine Einführung in die Grundbegriffe, Probleme und Methoden; Kurswissen Geographie, Klett. Stuttgart, Dresden, 160 S.
Key-paper	Jedicke, 1994: Biotopverbund. Grundlagen und Massnahmen einer neuen Naturschutzstrategie. 2. Aufl., Ulmer Stuttgart.
Key-paper	Kaule, G., Endruweit, G., Weinschenk; G., 1994: Landschaftsplanung, umsetzungsorientiert; Angewandte Landschaftsökologie Heft 2, Bundesamt für Naturschutz. Bonn-Bad Godesberg, 170 S.
Key-paper	Konold, W. (ed.), 1996: Naturlandschaft Kulturlandschaft. Die Veränderung der Landschaften nach der Nutzbarmachung durch den Menschen. Landsberg: Ecomed.
Key-paper	Leser; H., 1991: Landschaftsökologie. Ulmer. Stuttgart, 647 S.
Key-paper	Messerli, B., Ives, J.D, 1997: Mountains of the world. Parthenon
Key-paper	Moss, M.R. (Ed.), 1988: Landscape ecology and management: proceedings of the First Symposium of the Canadian Society for Landscape Ecology and Management: University of Guelph, May, 1987. Polyscience Publications. Montreal, Second printing, 240 S.
Key-paper	Mühlenberg, M., Slowik, J., 1997: Kulturlandschaft als Lebensraum. Quelle & Meyer, Wiesbaden.
Key-paper	Naveh, Z., Lieberman, A., 1994: Landscape ecology. Theory and application, Springer. New York, 360 S.
Key-paper	Price, M.F., D.I. Heywood (Eds.); 1994; Mountain environments and Geographic Information Systems; Taylor&Francis. London, 309 S.
Key-paper	Schmithüsen, J., 1976: Allgemeine Geosynergetik. Grundlagen der Landschaftskunde. de Gruyter. Berlin, New York, 349 S.
Key-paper	Turner, M.G. and Gardner, R.H., (eds), 1991: Quantitative methods in landscape ecology. Springer-Verlag, New York.
Key-paper	Turner, M.G., (ed.) .1987. Landscape heterogeneity and disturbance. Springer-Verlag. New York, 239 S.
Key-paper	Turner, M.G., Gardner, R.H., O'Neill, R.V. (in prep): Pattern and Process landscape ecology in theory and practice. Springer-Verlag, New York. In preparation,
Key-paper	Wiens, J.A., Moss, M.R. (eds.), 1999: Issues in landscape ecology. IALE Sonderdruck.
Key-paper	Zinneveld, IIS., Forman, R.T.T. (eds.), 1990: Changing Landscapes: an Ecological Perspective. Springer, New York.

Ausgewählte Literatur Landschaftsökologie (Fortsetzung):

Key-paper	Zonneveld, I.S., 1995: Land ecology : an introduction to landscape ecology as a base for land evaluation, land management and conservation. SPB Academic Publishing, Amsterdam
	Bishop, I.D. and Hulse, D.W., 1994. Prediction of scenic beauty using mapped data and geographic information systems. <i>Landscape and Urban Planning</i> 30: 59-70.
	Blaschke, T. (1998): Habitatmodellierung mit Desktop-GIS. Blaschke, T. (edtr.), Umweltmonitoring und Umweltmodellierung. GIS und Fernerkundung als Werkzeuge einer nachhaltigen Entwicklung, Heidelberg (in print).
	Boecklen, W.J., 1997: Nestedness, biogeographic theory, and the design of nature reserves. <i>Oecologia</i> , 112: 123-142.
	Boose, E. R., D. R. Foster and M. Fluet. 1993. Hurricane impacts to tropical and temperate forest landscapes. <i>Ecological Monographs</i> 64:369-400.
	Cámara, A. 1997: Interacting with Spatial Data: The Use of Multimedia and Virtual Reality Tools. Publication for the conference: Geographic Information Research at the Millenium: GISDATA Final Conference. - Le Bischenberg, France, 1997.
	Caughley, G., 1994: Directions in conservation biology. <i>Journal of Animal Ecology</i> 63(2): 215-244.
	Compton, J.E., R.D. Boone, G. Motzkin and D.R. Foster. 1999. Controls on soil nitrogen cycling in an oak-pine sand plain in central Massachusetts: interaction if vegetation and agricultural abandonment. <i>Oecologia</i> 116:536-542.
	Cooper-Ellis, S. M., D.R. Foster, G. Carlton and A. Lezberg. 1999. Vegetation and ecosystem response to catastrophic wind: evaluation of an experimental hurricane. <i>Ecology</i> . In press.
	Costanza, R., Maxwell, T., 1994: Resolution and predictability: An approach to the scaling problem; <i>Landscape Ecology</i> 9: 47-57
	Dale, V.H., Pearson, S.M., Offerman, H.L., Oneill, R.V., 1994: Relating patterns of land-use change to faunal biodiversity in the central Amazon. <i>Conservation Biology</i> 8: 1027-1036.
	Dale, V.H., R.H. Gardner, M.G. Turner; 1989; Predicting across scales. Comments of the guest editors of <i>Landscape Ecology</i> ; <i>Landscape Ecology</i> 3: 147-151
	Donohue, K, D.R. Foster and G. Motzkin. 1998. Effects of the past and the present on species distributions: the influence of land-use history on the demography of <i>Gaultheria procumbens</i> . <i>Journal of Ecology</i> . In review.
	Donovan, M.L., Rabe, D.L., Olson, C.E., 1987: Use of geographic information systems to develop habitat suitability models. <i>Wildl. Soc. Bull.</i> 15: 574 - 579.
	Dunwiddie, P., D.R. Foster, D. Leopold, and R. Leverett. 1996. Old-growth forests of southern New England, New York and Pennsylvania. In M. Davis. <i>Eastern Old-Growth Forests</i> . Island Press., OR. pp. 126-143.
	Flather C.H., Wilson, K.R., Dean, D.J., McComb, W.C., 1997: Identifying gaps in conservation networks: Of indicators and uncertainty in geographic-based analyses. <i>Ecological Applications</i> . 7(2): 531-542
	Foster, D. R. 1988. Disturbance history, community organization and vegetation dynamics of the old-growth Pisgah forest, south-western New Hampshire, U.S.A. <i>Journal of Ecology</i> 76: 105-134.
	Foster, D. R. 1992. Land-use history (1730-1990) and vegetation dynamics in central New England, USA. <i>Journal of Ecology</i> : 80: 753-772.
	Foster, D. R. 1993. Land-use history and transformations of the forest landscape of central New England. Pages 91-110 in S. T. A. Pickett and M. McDonnell (eds.), <i>Humans as Components of Ecosystems: Subtle Human Effects and the Ecology of Populated Areas</i> . Springer-Verlag, New York.
	Foster, D. R. and T. M. Zebryk. 1993. Long-term vegetation dynamics and disturbance history of a <i>Tsuga</i> -dominated forest in New England. <i>Ecology</i> 74(4): 982-998.
	Foster, D. R., P. K. Schoonmaker and S. T. A. Pickett. 1990. Insights from paleoecology to community ecology. <i>Trends in Ecology and Evolution</i> 5: 119-122.

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	Foster, D. R., T. Zebryk, P. K. Schoonmaker and A. Lezberg. 1992. Post-settlement history of human land-use and vegetation dynamics of a <i>Tsuga canadensis</i> (hemlock) woodlot in central New England. <i>Journal of Ecology</i> 80: 773-786.
	Foster, D.R., D. Knight and J. Franklin. 1998. Landscape patterns and legacies resulting from large infrequent forest disturbance. <i>Ecosystems</i> 1:497-510.
	Foster, D.R., D.A. Orwig and J. McLachlan. 1996. Ecological and conservation insights from retrospective studies of old-growth forests. <i>Trends in Ecology and Evolution</i> 11:419-424.
	Foster, D.R., G. Motzkin and B. Slater. 1998. Land-use history as long-term broad-scale disturbance: regional forest dynamics in central New England. <i>Ecosystems</i> 1:96-119.
	Fuller, J.L., D. R. Foster, J. S. McLachlan and N. Drake. 1998. Impact of human activity on regional forest composition and dynamics in central New England. <i>Ecosystems</i> 1:76-95.
	Gallaun, H.; Schardt, M. & Granica, K. (1998): Biotopkartierung im alpinen Raum mit Methoden der Fernerkundung. <i>Österreichische Zeitschrift für Vermessung &</i>
	Gardner, R., Milne, B.T., Turner, M.G., O'Neill, V.O., 1987: Neutral models for the analysis of broad-scale landscape pattern. <i>Landscape Ecology</i> 1 (1): 19 - 28.
	Golley, F.B., 1987; Introducing landscape ecology; <i>Landscape Ecology</i> 1: 1-3
	Golley, F.B.; 1988; Future directions in landscape ecology research; <i>Landscape Ecology</i> 1: 191-192
	Golley, F.B.; 1989; A proper scale; <i>Landscape Ecology</i> 2: 71-72
	Golley, F.B.; 1995; Reaching a landmark; <i>Landscape Ecology</i> 10: 3-4
	Golodetz, A. and D. Foster. 1996. Land protection in central New England: historical development and ecological consequences. <i>Conservation Biology</i> . 11:227-235.
	Gustafson, E.J., Parker, G.R., 1992. Relationships between land cover proportion and indices of landscape spatial pattern. <i>Landscape Ecology</i> 7: 101-110.
	Hadrian, D.R., Bishop, I.D. and Mitcheltree, R., 1988. Automated mapping of visual impacts in utility corridors. <i>Landscape and Urban Planning</i> 16: 261-283.
	Hansson, L., Fahrig, L., Merriam, G. (eds.), 1995: <i>Mosaic Landscapes and Ecological Processes</i> . Chapman & Hall, London. 356 S.
	Häusler, T.; Akgöz, M.; Schardt, M. & Gallaun, H. (1999): Monitoring Changes and Structural Diversity of Forested Areas. <i>Proceedings of the IUFRO Conference on Remote Sensing and Forest Monitoring Programme</i> (in print), June 1-3, 1999, Rogow, Poland.
	Hill J. and Mehl W. (1995): Improved forest mapping by combining corrections of atmospheric and topographic effects in Landsat TM-imagery. <i>Sensors and Environment Applications of remote sensing</i> , Askne, 1995 Balkema, Rotterdam, ISBN 90 5410 5240.
	Hodgson, M.E.; Alexander, R.H., 1990: Use of USGS historic topographic maps in GIS analysis. <i>Proceedings of the 50th Annual Meeting of ACSM</i> 3: 109—116.
	Hulshoff, R.M., 1995. Landscape indices describing a Dutch landscape. <i>Landscape Ecology</i> 10: 101-111.
	Hunziker, M., Kienast, F. 1999: Potential impacts of changing agricultural activities on scenic beauty - a prototypical technique for automated rapid assessment. <i>Landscape Ecology</i> 14: 161 - 176.
	Iverson, L.R., 1988: Land-use changes in Illinois, USA: The influence of landscape attributes on current and historic land use. <i>Landscape Ecology</i> 2: 45 - 61.
	Iverson, L.R., Risser, P.G., 1987: Analyzing long-term changes in vegetation with geographic information systems and remotely sensed data. <i>Adv. Space Res.</i> 7: 183 - 194.
	Jacobson, H.A. and D.R. Foster. 1995. Toward an integrated model for raised-bog development: theory and field evidence. <i>Ecology</i> 76:2503-2516.
	Johnson, L.B., 1990: Analyzing spatial and temporal phenomena using geographical information systems. <i>Landscape Ecology</i> 4: 31-43.

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	Kienast, F., 1993: Analysis of historic landscape patterns with a Geographical Information system - a methodological outline. <i>Landscape Ecology</i> 8(2): 103 - 118. PR
	Kienast, F., Frank, C., Leu, R., 1991: Analyse raum-zeitlicher Daten mit einem Geographischen Informationssystem. Ber. Eidgenöss. Forsch.anst. Wald Schnee Landsch. No. 328, 36 p.
	Kienast, F.; 1993; Analysis of historic landscape patterns with a Geographical Information System - a methodological outline; <i>Landscape Ecology</i> 8: 103-118
	Kuhn, N., 1994: Einführung in die Landschaftsgeschichte des Waldreservats Bödmeren, Muotathal SZ. - Ber. Eidgenöss. Forsch.anst. Wald Schnee Landsch. 337: 9-15.
	Langran, G., 1989: A review of temporal database research and its use in GIS applications. <i>Int. J. Geographical Information Systems</i> 3, 3: 215—232.
	Leser, H.; 1985; Ernst Neef und die landschaftsökologische Forschung. Gedanken zum wissenschaftlichen Wirken eines grossen deutschen Landschaftsforschers.; <i>Die Erde</i> 116: 1-6
	Li, H.B. and Reynolds, J.F., 1993. A new contagion index to quantify spatial patterns of landscapes. <i>Landscape Ecology</i> 8: 155 - 162.
	Lovejoy, S., 1982: Area-perimeter relation for rain and cloud areas. <i>Science</i> 216 (9): 185 - 187.
	Lupien, A.E., Moreland, W.H., Dangermond, J., 1987: Network analysis in geographical information systems. <i>Photogrammetric Engineering and Remote Sensing</i> 53: 1417 - 1421.
	Lutze, G., Wieland, R., Schultz, A. (1998): Habitatmodelle - Instrumente zur integrativen Abbildung und Analyse von Lebensraumanprüchen mit direktem Bezug zur Landschaftsstruktur und zur Landnutzung. Diskussionsgrundlage zur AGIT 1998.
	McGarigal, K. and Marks, B.J., 1994. FRAGSTATS - Spatial pattern analysis program for quantifying landscape structure. Oregon State University. (ftp://ftp.fsl.orst.edu/pub/fragstats.2.0/)
	McLachlan, J., D.R. Foster, and F. Menalled. 1999. Anthropogenic origins of late-successional structure and composition in four New England hemlock stands. <i>Ecology</i> . In press.
	Messerli, P. 1989: Mensch und Natur im alpinen Lebensraum, Bern, Stuttgart, Wien, 368 S..
	Motzkin, G., D. Foster, A. Allen, J. Harrod. 1996. Controlling site to evaluate history: vegetation patterns of a New England sand plain. <i>Ecological Monographs</i> 66:345-365.
	Motzkin, G.M., P. Wilson, D.R. Foster and A. Allen. 1999. Vegetation patterns in heterogeneous landscapes: the importance of history and environment. <i>Journal of Vegetation Science</i> . In press.
	Oh, K., 1994. A perceptual evaluation of computer-based landscape simulations. <i>Landscape and Urban Planning</i> 28: 201-216.
	O'Neill, R.V., Krummel, J.R., Gardner, R.H., Sugihara, G., Jackson, B., DeAngelis, D.L., Milne, B.T., Turner, M.G., Zygmunt, B., Christensen, S., Dale, V.H., Graham, R.L., 1988: Indices of landscape pattern. <i>Landscape Ecology</i> 1: 153 - 162.
	O'Neill, R.V., Gardner, R.H., Turner, M.G., 1992: A hierarchical neutral model for landscape analysis. <i>Landscape Ecology</i> 7: 55-61.
	Paracchini M. L. and Folving S. (1994): Land use classification and regional planning in Val Malenco (Italian Alps): a study on the integration of remotely sensed data and digital terrain models for thematic mapping. <i>Mountain Environments & Geographic Information Systems</i> . Edited by: Martin F. Price and D. Ian Heywood, 1994.
	Pastor, J., Broschart, M., 1990: The spatial pattern of a north conifer-hardwood landscape. <i>Landscape Ecology</i> 4: 55 - 68.

Ausgewählte Literatur Landschaftsökologie (Fortsetzung):

	Plotnick, R.E., Gardner, R.H. and O'Neill, R.V., 1993. Lacunarity indices as measures of landscape texture. <i>Landscape Ecology</i> 8: 201-211.
	Schippers, P., Verboom, J., Knaapen, J.P., Vanapeldoorn, R.C., 1996: Dispersal and habitat connectivity in complex heterogeneous landscapes: An analysis with a GIS-based random walk model. <i>Ecography</i> 19: 97-106.
	Schumaker, N.H., 1996. Using landscape indices to predict habitat connectivity. <i>Ecology</i> 77: 1210-1225
	Semotanova, E., 1988: Old maps and plans as important sources for conservation efforts. <i>Historical Ecology</i> 1: 213 - 227.
	Simpson, E.H., 1949. Measurement of diversity. <i>Nature</i> 163: 688.
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	Turner, M.G., 1987: Spatial simulation of landscape changes in Georgia: A comparison of three transition models. <i>Landscape Ecology</i> 1: 29 - 36.
	Turner, M.G., 1990: Landscape changes in nine rural counties in Georgia. <i>Photogrammetric Engineering and remote sensing</i> 56, 3: 379 - 386.
	Turner, M.G., Ruscher, C.L., 1988: Changes in landscape patterns in Georgia, USA. <i>Landscape Ecology</i> 1: 241 - 251.
	Vrana, R., 1989: Historical data as an explicit component of land information systems. <i>Int. J. Geographical Information Systems</i> 3, 1: 33—49.
	Walz, U. (1998): Ableitung von Indikatoren zur Landschaftsstruktur aus Fernerkundungsdaten und anderen Flächeninformationssystemen. Strobl, J., Dollinger, F. (edtr.), <i>Angewandte Geographische Informationsverarbeitung. Beiträge zum AGIT-Symposium Salzburg 1998.</i>
	Weidenbach, M. & Pröbstl, U. 1998: Multimedia GIS: A new tool for landuse planning. <i>For. & Landsc. Res.</i> 1998: 1: 505 - 520.
	Wildi, O., K. Ewald; 1986; <i>Der Naturraum und dessen Nutzung im alpinen Tourismusgebiet von Davos. Ergebnisse des MAB-Projektes Davos; Eidg. Anstalt für das forstliche Versuchswesen. Birmensdorf, Bericht 289, 336 S.</i>
	Wissel, C., 1992: Aims and limits of ecological modelling exemplified by island theory. <i>Ecological Modelling</i> 63: 1-12.
	Zonneveld, I.e.S.; 1982; <i>Land(scape) ecology, a science or a state of mind; in: Perspectives in Landscape Ecology. S.P. Tjallingii and A.A. de Veer (Eds.). Pudoc, Wageningen, pp. 9-15</i>
	Zube, E.; 1987; <i>Perceived land use patterns and landscape values; Landscape Ecology</i> 1: 37-45