

The relationship between urban street configuration and office rent patterns in Berlin

APPENDIX A - BIBLIOGRAPY

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About this thesis

This thesis presents a study of the influence of urban street configuration on the pattern of commercial office rents in Berlin. The hypothesis is that there is a relationship between the two, and that the alteration of the street network with reunification has precipitated a spatial reorganisation of office rents.

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10 APPENDIX A: BIBLIOGRAPHY

- Adair, A. and S. McGreal (1987). "The Application of Multiple Regression Analysis in Property Valuation." Journal of Valuation **5 (6?)**: 41-47 (57-67?).
- Aengevelt Research (1996). City Report Region Berlin Potsdam No VI, Aengevelt.
- Alonso, W. (1964). Location and Land Use: Towards a General Theory of Land Rent. Cambridge Mass, Harvard University Press.
- Angermann (1997). Angermann Internationale Vermietungs Consultants GmbH.
- Anstey, B. (1949). "Value Contour Maps: a new tool for planners." Planning Outlook(2): 22-39.
- Anstey, B. (1965). A study of certain changes in land values in the London area in the period 1950-1964. Land Values. P. Hall. London, Sweet and Maxwell: 19-41.
- Appraisal Institute (1992). The Appraisal of Real Estate. Chicago, Appraisal Institute.
- Aust, B. (1986). "Überblick über den stadtstrukturellen Aufbau Berlins, Dargestellt am Profil von Berlin Mitte nach Lichtenrade." Berliner Geographische Studien: 77-93.
- Aust, B. (1994). Hauptstadtplanung Berlin. Berlin, Senatsverwaltung für Stadtentwicklung und Umweltschutz.
- Aust, B. and U. Stark (1987). Die Städtebauliche Entwicklung Berlins seit 1650 in Karten. Berlin, Senatsverwaltung für Stadtentwicklung und Umweltschutz.
- Aust, B. and U. Stark (1987). Städtebauliche Entwicklung Berlins von 1650 bis heute: beiheft zum Kartenwerk und Ausstellung. Berlin, Senatsverwaltung für Stadtentwicklung und Umweltschutz.
- Balfour, A. (1990). Berlin : the politics of order 1737-1989.
- Batty, M. (1994). "A Chronicle of Scientific Planning." Journal of the American Planning Association **60(1)**: 7-16.
- Batty, M. (1995). "New Ways of Looking at Cities." Nature **377**: 574.
- Bauwelt (1991). Berlin Mitte, 1928 - Berlin Mitte, 1989. Bauwelt. **82**: 2096-2119.
- Benedikt, M. L. (1979). "To Take Hold of Space: Isovists and Isovist Fields." Environment and Planning B: Planning and Design **6**: 47-65.
- Bittner (1997). Immobilienmarkt- Research Trendbrief, Bavaria Immobilienconsult und Baurevision GmbH.
- Blumenauer Immobilien (1997). Marktbericht 1997. Berlin, Blumenauer Immobilien GmbH,.
- Bond, S. (1991). "Rental Valuations with Inducements: An Update." Journal of Property Valuation and Investment **12**.
- Branoner, W. (1994). Planning for the future of Berlin. Managing and Marketing of Urban Development and Urban Life. G. Braun. Berlin, Dietrich Reimer Verlag. **52**.
- Brennan, T. P., R. E. Cannaday, et al. (1984). "Office Rent In The Chicago CBD." Journal of the American Real Estate & Urban Economics Association **12(3)**: 243-260.

- Brockhoff (1997). Der Markt für Einzelhandelsimmobilien, Büro- und Hallenflächen, Brockhoff&Partner Immobilien GmbH.
- Bundesanstalt für Statistik (1998). Consumer Prices.
- Burgess, E. (1925). The Growth of the City. The City. R. E. Park. Chicago, University of Chicago Press.
- Cannaday, R. K., H. (1984). "Estimation of Market Rent for Office Space." The Real Estate Appraiser and Analyst **50**(2): 67-72.
- Cash (1995). "Der Teuerste Schweinezyklus aller Zeiten." Cash(5).
- Christaller, W. (1933). "Central Places in Souther Germany ('Die zentralen Orte in Suddeutschland')." .
- Clapp, J. (1980). "The Intrametropolitan Location of Office Activities." Journal of Regional Science **August**: 387-399.
- Crosby, N. and S. Murdoch (1991). "Capital Value Implications of Rent-free Periods." Journal of Property Valuation and Investment **12**(2).
- Crosby, N. and S. Murdoch (1998). Changing Lease Structures in Commercial Property Markets. London, RICS Books.
- Davidson, A. and C. Darlow (1993). Rental Equivalent Tables and Lease Incentives. Estates Gazette, London.
- Dempsey, J. (1993). Berliners unimpressed by Kohl plan for 2001, the office space odyssey. Financial Times. London.
- Desyllas (1998). The Changing Pattern of Location Rents in the Berlin Office Market. Reading, College of Estate Management.
- Desyllas, J. (1994). After the Wall: A Spatial Analysis of Property Development in Reunified Berlin, University College London.
- Desyllas, J. (1997). Berlin in Transition. Proceedings of the First International Space Syntax Symposium, University College London, UCL.
- Desyllas, J. (1998). When Downtown Moves. Cutting Edge, Leicester, Royal Institute of Chartered Surveyors.
- Desyllas, J. (1999). The Frankfurt Urban Entertainment Centre: Report on Pedestrian Movement Potentials. London, Space Syntax Laboratory.
- Desyllas, J. (1999). Why Pay To Be There? Office Rent and the Location Variable. Proceedings of The Second International Space Syntax Symposium, Brasilia, Brasil.
- Desyllas, J., E. Duxbury, et al. (1999). The Crime and Urban Design Database: First Report to the City of Gosnells. London, Space Syntax Laboratory.
- Desyllas, J., M. Greene, et al. (1998). The Spatial Configuration of a Rapidly Growing City; Implications on the Quality of Urban Life. Computers in Urban Planning and Urban Management. P. Sikdar. New Dehli, Narosa. **1**.

- Deutsche Bank Research (1997). Immobilienmarkt Deutschland 1996-2001.
- Deutsche Bundesbank (1998). Monthly Report January 1998, Deutsche Bundesbank.
- Dunse, N. (1996). The Application of Hedonic Analysis to UK Office Markets: A Case Study of Glasgow. Cutting Edge 1996, Royal Institute of Chartered Surveyors.
- Dunse, N. and C. Jones (1997). Identification Of Office Submarkets. Cutting Edge, Royal Institute of Chartered Surveyors.
- EBS (1997). gif-Erhebung regionaler Büromarktdaten in Berlin 1997, European Business School Immobilienakademie GmbH.
- Economist (1993). Europe's Offices Blocked. The Economist: 124.
- Economist Intelligence Unit (1994). Country Report Germany. London, Economist Intelligence Unit.
- Elkins, T. and B. Hofmeister (1988). Berlin: The Spatial Structure of a Divided City. London, Methuen.
- Ellger, C. (1994). Berlin- Metropolis in Transition: The State of Urban Development in 1994. Managing and Marketing of Urban Development and Urban Life. G. Braun. Berlin, Dietrich Reimer Verlag. 52.
- Engel & Völkers (1996). Büroflächen Berlin: Fakten und Trends.
- Epstein, D. (1993). "Effective Rental Values." Estates Gazette(24th April).
- Epstein, D. (1993). "Effective Rents (a Postscript)." Estates Gazette.
- ESRI (1998). ArcView User Manual. Los Angeles, Environmental Systems Research Institute Inc.
- Estates Gazette (1995). "Rent-free Periods and Valuation." Estates Gazette.
- Eureal (1994). Büromarktbericht 94/95.
- Europroperty (1997). "Rents languish as investment sizzles." Europroperty March.
- Fraser, W. D. (1993). Principles of Property Investment and Pricing.
- Gallimore, P., M. Fletcher, et al. (1996). "Modelling the influence of location on value." Journal of Property Valuation and Investment 14(1): 6-19.
- Geppert, K. (1996). Grundlinien der Wirtschaftsentwicklung in Berlin 1995/96, Deutsches Institut für Wirtschaftsforschung.
- Glasscock, J., Jahanian, S and Sirmans, C (1990). "An Analysis of Office Market Rents: Some Empirical Evidence." Journal of the American Real Estate & Urban Economics Association 18: 105-119.
- Hacking, I. (1983). Representing and Intervening, Cambridge University Press.
- Haig, R. M. (1926). "Toward and Understanding of The Metropolis." Quarterly Journal of Economics 40(May): 421-423.
- Hanink, D. M. (1997). "The integration of intrametropolitan office markets." Environment and Planning A 29(3): 391-404.

- Heikkila, E., P. Gordon, et al. (1989). "What happened to the CBD-Distance gradient?: land values in a policentric city." Environment and Planning A **21**: 221-232.
- Helmer, S. D. (1985). Hitler's Berlin: The Speer Plans for Reshaping the Central City.
- Hillier, B. (1996). Space is the Machine. Cambridge, Cambridge University Press.
- Hillier, B. (1998). Describing Emergent Structure in Strongly Configurational Systems. Requirements Engineering, Limerick.
- Hillier, B. (1999). "The Hidden Geometry of Deformed Grids or Why Space Syntax Works (when it looks as though it shouldn't)." Environment and Planning B: Planning and Design **26**.
- Hillier, B., M. Greene, et al. (1998). Self-Generated Neighbourhood Consolidation in Informal Settlements, University College London.
- Hillier, B. and J. Hanson (1984). The Social Logic of Space. Cambridge, Cambridge University Press.
- Hillier, B. and A. Penn (1992). "Dense Civilisations: the Shape of Cities in the 21st Century." Applied Energy **43**: 41-66.
- Hillier Parker (1990). European Atlas of Office Rent Contours. London, Hillier Parker.
- Hobrecht (1862). Bebauungsplan der Umgebungen Berlins. Berlin, Abteilungen I-XIV Genehmigt durch Allerhoechste Cabinets Ordre.
- Hough, D. and C. Kratz (1983). "Can 'Good' Architecture Meet the Market Test ?" Journal of Urban Economics: 40-55.
- Howes, C. K. (1980). Value maps : aspects of land and property values. Norwich, Geo Books.
- Hurd, R. (1903). Principles of City Land Values. New York, The Record and Guide (first published in 1903 by Real Estate Record Association).
- Isard, W. (1956). Location and space-economy : a general theory relating to industrial location, market areas, land use, trade, and urban structure. New York, Technology Press of Massachusetts Institute of Technology.
- Jones Lang Wootton (1995). City Report Berlin, Jones Lang Wootton Research.
- Jones Lang Wootton (1996). Company Profile (internal report).
- Jones Lang Wootton (1997). City Report Berlin, Jones Lang Wootton Research.
- Kishore, R. (1996). "Discounted Cash Flow Analysis in Property Investment Valuations." Journal of Property Valuation and Investment **14**(3): 63-70.
- Knos, D. S. (1962). The Distribution of Land Values in Topeka, Kansas. Spatial Analysis. B. J. L. Berry. Englewood Cliffs, New Jersey, Prentice Hall Ltd.
- Koch, M. (1994). "Positive Zeichen." Immobilien Manager(5): 28-32.
- Kraetke, S. (1992). Berlin: the rise of a new metropolis in a post-Fordist landscape. Cities and Regions in the New Europe. M. Dunford and G. Kafkalas. London, Belhaven.

- Krugman, P. (1995). Development, Geography and Economic Theory. London, MIT Press.
- Krugman, P. (1996). The Self-Organising Economy, Blackwell.
- Landeskartenwerk Berlin (1996). K10 RD CD Karte von Berlin 1:10000 Rasterdaten. Berlin, Senatsverwaltung für Bauen Wohnen und Verkehr Berlin.
- Landeskartenwerk Berlin (1996). K15 RD CD Karte von Berlin 1:5000 Rasterdaten. Berlin, Senatsverwaltung für Bauen Wohnen und Verkehr Berlin.
- Laurini, R. and D. Thomson (1995). Fundamentals of Spatial Information Systems. San Diego, Academic Press.
- Lee, D. B. (1973). "Requiem for Large-Scale Models." Journal of the American Planning Association **39**(163-78).
- Lee, D. B. (1994). "Retrospective on Large-Scale Urban Models." Journal of the American Planning Association **60**(1).
- Leyden, F. (1933). Gross-Berlin, Geographie der Weltstadt. Breslau, Hirt.
- Lizieri, C., N. Crosby, et al. (1997). Right Space Right Price: A Study of the Impact of Changing Business Space Patterns on the Property Market. London, RICS.
- Louis, H. (1936). Die Geographische Gliederung von Gross Berlin. Landerkuendliche Forschung: Festschrift zur Vollendung des 60 Lebensjahres Norbert Krebs. H. Louis and W. Panzer. Stuttgart, Engelhorn: 146-71.
- Lowry (1964). A Model of Metropolis, Rand Corporation.
- Marshall, A. (1890). Principles of Economics.
- McCluskey, W., R. Deddis, et al. (1997). "Interactive application of computer assisted mass appraisal and geographic information systems." Journal of Property Valuation and Investment **15**(5).
- McDonald, J. F. (1993). "Incidence Of The Property-Tax On Commercial Real-Estate - The Case Of Downtown Chicago." National Tax Journal **46**(2): 109-120.
- Memhard, J. G. (1652). Grundriß der Beyden Churfürstlichen Residentz Stätte Berlin und Cölln an der Spree. Berlin.
- Mills, E. S. (1992). "Office Rent Determinants In The Chicago Area." Journal of the American Real Estate & Urban Economics Association **20**(2): 273-287.
- Müller (1997). Office Market Germany, Müller International Immobilien GmbH.
- Müller GmbH (1996). Städte Report Berlin 1996, Müller International Immobilien GmbH.
- Murdoch, S. and N. Crosby (1991). "The legal Implications of Rent Free Periods at Rent Review." Journal of Property Valuation and Investment **12**(2): 43-50.
- Newman, P. and A. Thornley (1994). Economic and Political Influences on Urban Planning: a comparison of London, Paris and Berlin. Reading, University, Department of Land management and Development.

- O'Hara, D. J. (1977). "Location of Firms within a Square Central Business District." Journal of Political Economy **85**(6): 1188-1207.
- Park, R. E. (1925). Human Ecology. The City. R. E. Park. Chicago, University of Chicago Press.
- Penn, A., J. Desyllas, et al. (1999). "The space of innovation: Interaction and communication in the work environment." Environment and Planning B **26**(2).
- Ponsard, C. (1983). History of Spatial Economic Theory. Berlin.
- Popper, K. (1957). The Poverty of Historicism. London, Routledge.
- Ratcliff, R. U. (1949). Urban Land Economics. New York, McGraw Hill.
- Renshaw, E. F. (1958). "Scientific Appraisal." National Tax Journal(December).
- Ribbe, W., Ed. (1987). Geschichte Berlins. München.
- Ricardo, D. (1817). On the Principles of Political Economy and Taxation.
- Ring, P. (1992). Industriestandort Berlin: Wissenschaftliche Analyse, Unternehmerische Bewertung, Politische Initiativen. Industriepolitische Konferenz der Senatsverwaltung für Wirtschaft und Technologie, Regioverlag.
- Robinson, A. (1995). Elements of Cartography, Wiley.
- Sands, D. (1996). "Tenants retain upper hand in negotiations." Europroperty **August**.
- Schelling, T. (1978). Micromotives and Macrobehaviour. New York, W.W. Norton.
- Schmettau, M. C. d. (1748). Plan de la Ville de Berlin Levé et dessiné par Ordre et Priviligé privatis du Roy. Berlin, Königlichen Academie der Wissenschaften Berlin.
- Schultz and J. D. Schleuen (1688). Grundriß der Churfürstlichen Residentz Berlin nach der Perspektvischen Vorstellung. Berlin.
- SenStadtUm and IHK (1995). Bürofächenbericht Berlin 1994/95, Senatsverwaltung für Stadtentwicklung und Umweltschutz.
- Sineck (1856). Situationsplan der Haupt- und Residenzstadt Berlin mit nächster Umgebung.
- Sivitanidou, R. (1995). "Urban Spatial Variations In Office-Commercial Rents - The Role Of Spatial Amenities And Commercial Zoning." Journal Of Urban Economics **38**(1): 23-49.
- Sivitanidou, R. (1997). "Are Center Access Advantages Weakening? The Case of Office-Commercial Markets." Journal Of Urban Economics **42**(1): 79-97.
- Smith, A. (1776). The Wealth of Nations. London, Penguin.
- Tufte, E. (1983). The Visual Display of quantitative Information. Cheshire, Conn, Graphics Press.
- Van Hove, E. and I. Loots (1988). The Structure and use of a city appropriate database. International Conference on Housing, Policy and Urban Innovation, Amsterdam.
- Vandell, K. and J. Lane (1989). "The Economics of Architecture and Urban Design." Journal of the American Real Estate & Urban Economics Association **16**: 235-20.

- Volger, G. (1994). Fundamentales Ungleichgewicht. Immobilien Manager. **November**: 18-24.
- Von Thünen, J. H. (1966). Isolated State. London, Pergamon (orig. 'Der isolierte Staat in Beziehung auf Landwirtschaft und Nationalökonomie' Hamburg, 1926).
- Walter, R. (1993). Axis as a political strategy: a study of two proposals for the capital Berlin, University College London.
- Webb, R. B. and J. D. Fisher (1996). "Development of Effective Rent (Lease) Index for the Chicago CBD." Journal of Urban Economics **39**(1): 1-19.
- Wegener, M. (1994). "Operational Urban Models- the State of the Art." Journal of the American Planning Association **56**: 17-29.
- Westrup (1996). "New supply proves difficult to absorb." Europroperty **August**.
- Westrup (1998). "Ups and downs as Berlin catches up." Europroperty **April**.
- Wheaton, W. C. and R. G. Torto (1994). "Office Rent Indices And Their Behavior Over Time." Journal Of Urban Economics **35**(2): 121-139.
- Wingo, L. (1961). Transportation and Urban Land. Washington D.C., Resources for The Future Inc.
- Wyatt, P. (1996). "Using a geographical information system for property valuation." Journal of Property Valuation and Investment **14**(1): 67-79.
- Wyatt, P. (1997). "The development of a GIS-based property information system for real estate valuation." International Journal of Geographical Information Science **11**(5): 435-450.
- Wyatt, P. J. (1994). Property Valuation Using a Geographical Information System. Brighton, University of Brighton.