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June 1976

# NEW PUBLICATIONS FOR PLANNING LIBRARIES, LIST NO. 25

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Mary Vance Editor, CPL Exchange Bibliographies Librarian, CP&LA Library, University of Illinois at Champaign-Urbana

## ARCHITECTURE AND DESIGN

- American Society of Civil Engineers--Task Committee on Status-ofthe-Art: Wood. Wood structures; a design guide and commentary. New York: American Society of Civil Engineers, 1975, 416р.
  - Beedle Lynn S. Urban life and tall buildings. Bethlehem, Pennsylvania: Lehigh University, Fritz Engineering Lab., 1975, 9p.
  - The Oregon experiment. Christopher Alexander, et. al. New York: Oxford University Press, 1975, 190p.
  - Penwarden, A. D. and A.F.E. Wise. Wind environment around buildings. London. England: Whitehall, 1975, 57p.

A well illustrated book describing research on the often uncomfortable and occasionally hazardous windy conditions in pedestrian areas near tall buildings. Topics discussed include special case studies of wind problems and remedial measures on existing sites, wind tunnel tests, meteorological data and human requirements. These aspects are finally brought together to aid the architect and planner in designing for comfortable conditions.

Rhode Island-Historical Preservation Commission. East Greenwich, Rhode Island. Author: James H. Gibbs. Providence, 1974, 43p. Sanoff, Henry. Seeing the environment: an advocacy approach by ...with the assistance of Greg Centeno, David Tester and Carter Reese. Raleigh, North Carolina: Learning Environments, 1975, 107p.

Examines the relationship of the physical environment to human and animal life.

- Spatial synthesis in computer-aided building design. Edited by Charles M. Eastman. New York: Wiley and Sons. c1975, 333p.
- Stern, Robert A. M. George Howe: toward a modern American architecture. New Haven, Connecticut: Yale University Press, 1975, 272p.
- U.S.--Advisory Council on Historic Preservation. Federal programs for neighborhood conservation/prepared by...for the Neighborhood Conservation Conference. Washington: The Council, 1975, 64p.
- Wolfe, Gerard R. New York, a guide to the metropolis: walking tours of architecture and history. New York: New York University Press, 1975, 434p.

In this Bicentennial year discovery and re-discovery are particularly relevant. From the Old Merchant's House in Greenwich Village to the Banks on Wall Street, from the Stock Exchange to mid-town's United Nations, this guide opens avenues of awareness of how this city grew, always responding to the interdependence and needs of its changing populations.

New York: A Guide to the Metropolis contains twenty "key" walking tours through New York's most interesting parts—sights, streets, and places too often unknown, ignored, or taken for granted. The history and architecture of each district are points of focus, and every tour is accompanied by its own very decipherable map (in some instances the smaller, side-tours contain their maps, too). As a magnificent bonus to the text and maps more than 275 historical photographs and engravings—all from museums, historical societies, and private archives of this city—offer the tourtaker a unique opportunity to see New York as it was.

## BIBLIOGRAPHIES, DIRECTORIES, HANDBOOKS, MANUALS, ETC.

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- DeChiara, Joseph and Lee Koppelman. Manual of housing planning and design criteria. Englewood Cliffs, New Jersey: Prentice-Hall, 1974, c1975, 550p.
- Dougenik, James A. and David E. Sheehan. SYMAP user's reference manual. 5th ed. Cambridge, Massachusetts: Harvard University, Graduate School of Design, Laboratory for Computer Graphics and Spatial Analysis, 1975, v.p.
- Hulchanski, John David. Citizen participation in planning: a comprehensive bibliography. Toronto: Department of Urban and Regional Planning, University of Toronto, 1974?, 77p. (Papers on planning and design; no. 2)
- New Mexico. University—Technology Application Center. Wind energy utilization; a bibliography with abstracts. Cumulative volume 1944-1974. Albuquerque: University of New Mexico: TAC, 1975, 496p.
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### ECONOMICS AND MANAGEMENT

- American Society of Planning Officials—Planning Advisory Service. Urban growth management systems. Chicago, 1975, 141p. (PAS report nos. 309, 310)
- Beedle, Lynn S. Human economics and the high rise. Bethlehem, Pennsylvania: Lehigh University, Fritz Engineering Lab., 1975, 18p.
- Caiden, Naomi and Aaron Wildavsky. Planning and budgeting in poor countries. New York: Wiley, 1974, 371p. (Comparative studies in behavioral science)

Clague, Ewan and Leo Kramer. Manpower policies and programs: a review, 1935-1975. Kalamazoo, Michigan: W. E. Upjohn Institute for Employment Research. 1976. 93p.

With historical perspective, this 40-year revew of manpower policies and programs in the United States examines their effect upon national economic and social policies. In doing so, it takes into account the conflict between price stability and unemployment.

The study vividly depicts in words, and substantiates with statistics. the immediate problem of massive unemployment. which is accentuated by a marked increase in duration for those who have lost their jobs and by an exceptionally heavy impact upon young people under age 20. It tells how both the uninsured and the insured unemployed, as well as the nation, are affected by the increased duration of joblessness. And it tells of the needs of young prospective entrants into the labor force.

The authors propose that the nation's manpower policies be reconsidered and that the Employment and Training Administration of the U.S. Department of Labor "conduct an extensive (labor-intensive) job-creating operation" while the planning agencies of government work to restore the economy.

- Colman, William G. Cities, suburbs, and states: governing and financing urban America. New York City: Free Press, 1975, 350p.
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- Frost, Michael J. How to use cost benefit analysis in project appraisal. 2nd ed. New York: Halsted Press, 1975, 202p.

Large public or industrial projects cannot be evaluated solely in terms of pure economics. There are also the entangible gains and losses time, noise, pollution, health, general amenities and environment. Cost benefit techniques have been developed chiefly to quantify the intangibles in terms of money, so that a full assessment of benefits and costs can be made. Only then should the choice between two or three alternatives be taken.

How to Use Cost Benefit Analysis in Project Appraisal has been thoroughly revised for this second edition to include new techniques and applications. It is written in nontechnical language as a manual for all those engaged in

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large-scale projects--public officials, businessmen, professional advisers, planners, economists and environmentalists.

CONTENTS: Foreword; Part One Principles of Cost Benefit
Analysis; 1 Quantifiable methods in decision making; 2 Theoretical principles; 3 The short listing problem; 4 Forecasting;
5 Quantification of forecasts; 6 The present and the future;
7 Weighting terms; Part Two Cost Benefit Analysis in Practice; 8 Procedures and layout of cost benefit analysis;
9 The Third London Airport; 10 The Channel Tunnel; 11 Industrial location decisions; 12 Two applications of multicriteria analysis; 13 Other applications of cost benefit
analysis; 14 Private decisions and the public interest;
Appendices: 1 Technical description of cost benefit analysis;
2 Condorcet's Paradox; 3 Value of land; References; Index.
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- Management policies in local government finance. Eds. J. Richard Aronson, Eli Schwartz; contributors, Ralph K. Andrew,.., et. al. Washington: Published in cooperation with the Municipal Finance Officers Association by the International City Management Association, 1975, 349p. (Municipal management series)
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Smith, P. and W. I. Morrison. Simulating the urban economy. Experiments with input-output techniques. New York: Academic Press Inc., 1975, 150p. (Pion monographs in spatial and environmental systems analysis)

The use of input-output analysis is increasing rapidly—particularly as the value of the technique becomes more widely appreciated by planners working at the subnational level.

In this book the authors have applied the methods developed by a number of workers to data derived from the 1968 UK inputoutput tables, and they have then compared the results with empirically obtained data for the city of Peterborough for the same year. This critical comparison of previous methods for the production of nonsurvey tables is accompanied by a number of the authors' own modifications to the methods, which demonstrate that significant improvements can be made in the estimates. In particular an iterative approach is described which incorporates sectoral estimates of local intermediate inputs and outputs, and which makes possible the widespread simulation of regional economic systems.

The data and programs provided represent a most useful source of reference for further studies of small area economic systems, and for extending the application and development of nonsurvey input-output methods. The book will be of interest to economists, geographers, planners and regional scientists working in national or local planning departments, research institutes, universities and colleges.

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### ENVIRONMENT AND NATURAL RESOURCES

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This book contains thirteen papers dealing with environmental protection which were presented at a conference organized jointly by The Geological Society of London, The Institute of Geological Sciences, The Institute of Petroleum and The Petroleum Exploration Society of Great Britain. The following were also associated: The United Kingdom Offshore Operators' Association, The American Association of Petroleum Geologists, Deutsche Gesellschaft fur Mineralolwissenschaft und Kohlechemie, L'Association Francaise des Techniciens du Petrole, Norsk Petroleums Institutt.

Although the economic benefits of extracting oil and gas from the North Sea and the Continental Shelf of North West Europe are welcomed, there is great concern regarding the effects on the environment. Damage is anticipated to fisheries, bathing beaches, sea birds and marine life generally. The precautions that governments and the oil industry are taking to avoid such damage and to deal effectively with spills, if they occur, are not fully appreciated.

There is particular value, therefore, in having in one volume not only authoritative statements of the ways in which harm to fish, risks to human health, reduction of amenities or hazards to sea birds and other marine life could arise, but,

alongside these papers, other, equally authoritative, descriptions of the technical devices adopted by the industry to prevent leakage and to deal with oil which may esca a statement of the official viewpoint. The reader is pagevided with the raw material from which to form a balanced judgement on an important issue of the day.

To the environmental scientist the book provides a wider view than is obtainable from specialist journals.

CONTENTS: 1. The Geologist and the Environment; 2. Exploratory Drilling Well Control Practices; 3. Offshore Production Practices to Protect the Environment: 4. Ekofisk Development: Movement of Oil from Platform to Shore; 5. The Onshore Handling of Oil: 6. Industry Emergency Oil Spill Plans and Programmes; 7. The Government Viewpoint on Pollution from Offshore Oil Activities and Emergency Plans: 8. The Distribution of Oil and Behaviour of Oil Spills: 9. Effects on Fisheries; 10. Effects on Shore Life and Amenities; 11. The Effect of Oil on Nature Conservation, Especially Birds; 12. Effects of Long-Term. Low-Level Exposure to Oil; 13. Monitoring Requirements; Index.

Colonna, Robert A. Decision-makers guide in solid waste management. Prepared under the direction of ... and Cynthia McLaren of the Office of Solid Waste Management Programs. 2d ed. Washington: U.S. Environmental Protection Agency; for sale by the Supt. of Docs., U.S. Government Printing Office, 1976, 158p. "An environmental protection publication (SW-500) in the solid waste management series."

Connelly. Philip and Robert Perlman. The politics of scarcity. Resource Conflicts in International Relations. New York: Oxford University Press, 1975, 162p.

This study, which draws upon discussions since 1972 by an expert group at the Royal Institute of International Affairs (Chatham House), sets out to analyse the international implications of recent changes in the ownership, supply, cost, and consumption of the world's natural resources. It opens with a survey of the physical and economic background to the resources problem. The main focus, however, is upon the often contentious policy choices now faced, individually or in concert, by particular groups of countries: those with surplus resources to export, those which are self-sufficient, and those nations-developing as well as developed-which must depend on others for their vital raw materials. The potential role of multinational groupings and cartels is examined, and the rival attractions of 'bilateral' and 'multilateral' agreements between exporters and importers are weighed. is a special emphasis throughout upon the topical and peculiarly

difficult problem of energy resources, including oil, but that problem has deliberately been set into a broader context which also embraces other non-renewable resources such as the non-ferrous metals.

The authors are neither hopeless nor complacent. They consider but reject the spectre of a world exhausted of raw materials. At the same time, they are clear in their view that neither economic hardship nor international conflict will be avoided in future unless efficient national management is combined with the co-operative international exercise of a coherent political will by the producers and consumers of resources alike. At a time of so much concern about the future cost and availability of natural resources, their conclusions offer an increasingly urgent challenge to both the governments and the industries involved.

Philip Connelly is Assistant Co-ordinator for Public and Government Affairs at BP Oil. Robert Perlman is Director of the Commodities Research Unit Ltd.

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In Volume 1 of this study (Oceana, 1972) the editors provided extracts of studies on pollution made by or for the federal government in order to present an authoritative, unbiased and scientifically accurate ecological picture of the U.S. In Volume 2, they continue their work to cover the post-1971 period. Editorial comment precedes each document.

Reiger, John F. American sportsmen and the origins of conservation. New York: Winchester Press, 1975, 316p.

"One of the most important misconceptions is that no conservation movement existed until the twentieth century....

During the Roosevelt Presidency, in the years from 1901 to 1909, a federal bureaucracy dealing with environmental issues

came into being, and the engineers, geologists, and other 'experts'...were indeed important...but they were not the group that originated the movement in the 1870s."

"American sportsmen, those who hunted and fished for pleasure ... were the real spearhead of conservation."

This book is an enthralling narrative of the struggle to save American wildlife and wildernesses from profiteering exploi-Sportmen and nonsportsmen alike will be keenly interested in Reiger's fast-paced account, which is destined to become a definitive reference in conservation history.

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- Water Management by the electric power industry, edited by Earnest F. Gloyna, Herbert H. Woodson and Howard R. Drew. Austin: Center for Research in Water Resources. The University of Texas, 1975, 410p. (Water resources symposium no. 8)

The growing awareness of and concern for expendable natural resources, coupled with expanding electrical generation capacity, ranks optimum water management as one of the foremost elements in rational planning to meet the nation's energy needs.

Section One of these proceedings presents an overview of energy and water requirements. Present and future water needs are considered in relation to advancing technology. The papers in Section Two concern advances in water handling systems; Section Three deals with treatment and reuse. Both sections are directed to the latest concepts in design to dissipate heat, reuse water, and treat the residuals. tion Four pertains to water requirements to develop new fuel sources. Water requirements associated with energy from coal, geothermal, nuclear, solar, and oil sources are considered. Section Five pertains to beneficial uses of lowgrade heat and Section Six is concerned with water, energy, and environmental impact.

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- Nevada Bureau of Mines and Geology. Geologic map of the Washoe City, Nevada, quadrangle. Reno, Nevada: Nevada Bureau of Mines and Geology, 1975.
- Nevada Bureau of Mines and Geology. Hydrologic map of the Washoe City, Nevada, quadrangle. 1975.
- Nevada Bureau of Mines and Geology. Relief map of the Elko West  $7^{\circ}_{\mathbb{B}}$ -minute quadrangle, 1975.
- Nevada Bureau of Mines and Geology. Relief map of the Glenbrook 72-minute quadrangle, 1975.
- Nevada Bureau of Mines and Geology. Relief map of the Marlette Lake  $7^{1}_{2}$ -minute quadrangle, 1975.
- Nevada Bureau of Mines and Geology. Slope map of the Spanish Springs, Nevada, quadrangle, 1975.
- Nevada Bureau of Mines and Geology. Slope map of the Steamboat, Nevada, quadrangle, 1975.

Nevada Bureau of Mines and Geology. Slope map of the Verdi, Nevada, quadrangle, 1975.

Nevada Bureau of Mines and Geology. Slope map of the Vista, Nevada, quadrangle, 1975.

The maps are part of several environmental folios being produced by the Nevada Bureau of Mines and Geology, a division of the Mackay School of Mines, University of Nevada, Reno. The folios are intended to meet the need for modern, detailed information on Nevada's expanding urban areas.

The slope and tinted relief maps depict the characteristics of the terrain within the quadrangles using patterns of color in such a way that drainage, contour of the land, and areas of slope steepness are immediately apparent. The slope maps of the Reno area were prepared especially for the Regional Planning Commission of Reno, Sparks, and Washoe County. The hydrology map gives information about surface and groundwater. The geology maps indicate what types of rocks are present, the location of faults, etc. All the maps include the standard information on a U.S. Geological Survey 72-minute topographic quadrangle in addition to the other special information shown.

Northam, Ray M. Urban geography. New York: John Wiley and Sons, Inc., 1975, 410p.

Chapters: Introduction, Terminology and classifications, the city in history, Recent urbanization: world regions and the U.S., The urban environment and the livibility of cities, Urban hierarchies and urban regions, Central place concepts, The labor force and economic base of the city, Land use in the city, Land values and land use zoning, Commercial activities and centers in the city, Residential land in the city, Manufacturing in the City, Transportation in the City, Other land components of the city, Spatial movement, Areal expansion and urban governments, Urban land policy, Urban planning and new towns.

Shepherd, John, John Westaway and Trevor Lee. A social atlas of London. London: Oxford University Press, 1975, 128p.

Here is a book for anyone interested in London's problems. A proper evaluation of the issues facing the city's inhabitants, and especially its planners and politicians, requires an appreciation of the spatial patterns which make up the metropolis. This atlas illustrates the most significant patterns. It shows how London has developed over the centuries, maps its transport system, and identifies the present distribution of social classes, ethnic groups, housing

resources, health, welfare and educational facilities, and electoral votes. The data are derived from the 1971 census and many of the maps have been drawn by a computer using recently developed techniques. Each map is accompanied by an explanatory text.

Emrys Jones, Professor of Geography at the London School of Economics, has written an Afterword.

#### HOUSING

- Ahlbrandt, Roger S. An evaluation of Pittsburgh's Neighborhood Housing Services program. Washington: U.S. Department of Housing and Urban Development, Office of Policy Development and Research, 1975, 241p.
- American Public Health Association. Housing: basic health principles and recommended ordinance. Washington, 1971, 144p.
- Anderson, James R. Evaluating housing for families of low and moderate income: a bibliography. Urbana: Housing Research and Development, University of Illinois at Urbana-Champaign, 1973, 32p.
- Capital District Regional Planning Commission. Apartments and mobile homes in the Capital District; dimensions, trends and impacts. Albany, 1975.
- Creating a national market for innovation in building. Comissioned by U.S. Department of Housing and Urban Development. Washington: Department of Housing and Urban Development, 1983, i.e. 1973.
- Frieden, Bernard Joel. Forecasting the nation's housing needs; assessing the Joint Center's first effort. Cambridge, Massachusetts: Joint Center for Urban Studies of M.I.T. and Harvard University, 1975, 33p.
- Fusilier, H. Lee. Rent controls, another look. Boulder: Business Research Division, Graduate School of Business Administration, University of Colorado, 1974, 23p. (Real estate and land use report series report; 74-10)
- Hughes, James W. and Kenneth D. Bleakly, Jr. Urban homesteading. New Brunswick, New Jersey: Center for Urban Policy Research, Rutgers, The State University, c1975, 276p.
  - Urban homesteading, proposed in the early seventies as the modern counterpart to the program which helped settle the

western wilderness, was intended to attract settlers to a different wilderness—abandoned housing in our older central cities. Reinforced by the glamour of historical analogy, urban homesteading promised the transformation of gutted shells and hostile neighborhoods into pioneering urban colonies through the offering of "free claims" on vacant housing to enterprising young households. The homestead grant was then to develop into a valuable asset through the settler's own initiative, drive, and sweat.

However, as Messrs. Hughes and Bleakly point out in this indepth analysis of urban homesteading programs, operational reality has not matched all the glowing rhetoric. "Homesteading programs," they assert, "have yet to make a significant dent in the abandonment problems of their respective settings; nor have they had an impact on housing shortages."

The authors base this finding on a thorough examination of the setting, institutional framework, and mechanics of homesteading programs in four case studies: Baltimore, Md.; Wilmington, Del.; Philadelphia, Pa.; and Newark, N.J. The approach these cities have taken to homesteading differs widely--from Baltimore's integrated institutional arrangements to provide a wide range of supportive services to Newark's bare-bones efforts to get delinquent properties back on the tax rolls. The experience of each city is set in an evaluative framework designed to distinguish elements unique to a particular time, place, or cast of personalities from those which are replicable on a broad scale. Furthermore, the failures and accomplishments are considered within both a theoretical and a historical context. The authors view the homesteading concept within a larger model of neighborhood decline and abandonment, and they examine the validity of analogies with earlier homesteading programs and suggest a perspective in which to view present efforts.

The most successful elements of each of the programs studied are blended into a set of policy recommendations. But these are offered with some reservations. As the authors conclude, "Homesteading is not a program which by itself can halt or reverse the long-standing trends buffeting the American city; it is, however, one of the few positive initiatives taken in regard to the snowballing abandonment process. And it is not a program which can simply send courageous but naive participants unaided into an urban wilderness... Substantial support is indispensable if any long-term success is to be obtained; even then, it will be a long struggle."

- Illinois. University at Urbana-Champaign-Housing Research and Development Program. Steps to modernization. Office of Housing and Buildings, Department of Local Government Affairs of the State of Illinois; Housing Research and Development Program of the University of Illinois at Urbana-Champaign. Urbana: The Program, 1974?, 9p.
- Illinois. University at Urbana-Champaign--Housing Research and Development Program. Tenant councils, preparing the climate... State of Illinois, Department of Local Government Affairs, Office of Housing and Buildings. Urbana: The Program, 1974?, 47p.
- Kelly, Burnham. Social facilities for large-scale housing developments. Ithaca, New York: Center for Urban Development Research, Cornell University, 1974, 253p.
- Lynch, Mary M. and Leonard F. Heumann. Modeling housing needs: an annotated bibliography. Urbana: Housing Research and Development, University of Illinois at Urbana-Champaign, 1974, 15p.
- Missouri--Department of Community Affairs--Office of Planning.
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  The Office, 1973, 82p.
- National Urban Coalition. The Stella Wright rent strike and the Greater Newark Urban Coalition. Washington, 1975, 15p.
- Schodek, Daniel L. Fire in housing: research on building regulations and technology. Cambridge, Massachusetts: Joint Center for Urban Studies of the Massachusetts Institute of Technology and Harvard University, 1976, 50p.
- Southeastern Illinois Regional Planning and Development Commission. Regional housing assistance plan for Gallatin, Hamilton, Hardin, Pope and Saline Counties. Harrisburg, 1975.
- U.S.--Congress-Joint Economic Committee. Current economic situation and outlook for the housing industry, hearing. Washington: U.S. Government Printing Office, 1975, 84p.
- U.S.--House--Committee on Banking, Currency and Housing--Subcommittee on Housing and Community Development. Evolution of role of the Federal Government in housing and community development. A chronology of legislative and selected executive actions, 1892-1974. Washington: U.S. Government Printing Office, 1975, 277p.
- Urban Observatory, Boston. Working class housing, a study of triple deckers in Boston. Boston, 1975, 436p.
- Wisconsin--State Planning Office. Revitalizing urban neighborhoods: some Wisconsin experiences. Madison, 1976, 16p.

#### LAND USE

- California--Department of Water Resources--Southern District. Coastal Los Angeles County land-use study. 1973, 26p+.
- Environmental Planning and Engineering, Inc. A regional park conceptual development plan for the Little Calumet River in Northwestern Indiana. Indianapolis, 1976, 81p.
- Florida—Bureau of Land and Water Management. Final report and recommendations for the proposed Florida keys area of critical State concern to the State of Florida Administration Commission/by the Department of Administration, Division of State Planning, Bureau of Land and Water Management. Tallahassee, Florida, 1974, 55p.
- Foster, Phillips Wayne, Frank Schnidnan and Mark Bailey. Transferable development rights: are they a step in the direction of better land management? College Park, Maryland: Cooperative Extension Service, University of Maryland, 1974, 8p.
- Godschalk, David Robinson. Carrying capacity: a basis for coastal planning? ...principal investigator, Francis H. Parker, Thomas R. Knoche; contributors, students in Planning 223(1), Regional land policy, Spring, 1974. Chapel Hill: Department of City and Regional Planning, University of North Carolina, 1974, 183p.
- Illinois. University at Urbana—Champaign—Cooperative Extension Service in Agriculture and Home Economics. Illinois, space for tomorrow. Urbana, 1975—, v. 1-2.
- Indiana Heartland Coordinating Commission. Digest of new Indiana laws of interest to local government. Indianapolis, 1974.
- Indiana Heartland Coordinating Commission. Goals for the Indiana Heartland Coordinating Commission and the Heartland region. Indianapolis, 1975.
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- Indiana Heartland Coordinating Commission. Planning agenda for regional coordination; summary. PARC 100 administration. Indianapolis, 1975.
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- Linowes, R. Robert and Don T. Allensworth. The states and landuse control. New York: Praeger, 1975, 243p. (Praeger special studies in U.S. economic, social, and political issues)
- McKeever, James Ross. Shopping center zoning. Washington:
  Urban Land Institute, c1973, 73p. (ULI technical bulletin 69)
- Minnesota—Environmental Quality Council—Citizens Advisory Committee. Environmental quality: the State's role in land use planning: a report. St. Paul: The Council, 1974, 44p.
- Minnesota. University—Center for Urban and Regional Affairs. A comparative analysis of the land use laws of Minnesota and selected other states. Minneapolis, 1975, 80p. (Minnesota land management information system)
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- Minnesota. University--Center for Urban and Regional Affairs.

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  with ERTS-1 imagery. Minneapolis, 1975, 11p., map.
  (Minnesota land management information system)
- Minnesota. University—Center for Urban and Regional Affairs.
  Monitoring surface water dynamics in Minnesota. Minneapolis,
  1975, 46p., map. (Minnesota land management information system)
- Ohio-Land Use Policy Work Group. Ohio's land tomorrow: policies and actions for today: summary report, of the Ohio interagency Land Use Policy Work Group. Columbus: Office of Budget and Management, 1974, 29p.
- Ramsay, William. Land use and nuclear power plants; case studies of siting problems. Washington: Atomic Energy Commission, 1974, 58p.
- Strong, Ann Louise. Private property and the public interest: the brandywine experience. Baltimore: Johns Hopkins University Press, 1975, 206p. (Johns Hopkins studies in urban affairs)

#### LANDSCAPE AND LANDSCAPE ARCHITECTURE

Appleton, Jay. The experience of landscape. London, New York: Wiley, 1975, 293p.

This book proposes and argues a new theory of landscape aesthetics based on an analysis of research, literature, and experience in a wide area of art and science, and seeks to apply this theory to the detailed and practical analysis of actual landscapes through an appropriate system of symbolism. All those involved in the analysis and planning of environmental aesthetics will find this a stimulating and useful volume.

CONTENTS: 1. The problem; 2. The Quest; 3. Behaviour and Environment; 4. A Framework of Symbolism; 5. Balance; 6. Involvement; 7. Landscape in the Several Arts; 8. Fashion, Taste and Idiom; 9. The Aesthetic Potential of Places; 10. Stocktaking. Appendixes. Indexes.

Dansereau, Pierre. Inscape and landscape, the human perception of environment. New York: Columbia University Press, 1975, 118p.

To Pierre Dansereau ecology is a young and growing science on whose shoulders may well depend the survival of man. In order to prevent a human suicide, we must, in the author's words, "develop a full consciousness of our growing influence over our environment, accept new rules of stewardship, and develop a responsible plan of environmental management."

Heeding his own words, Professor Dansereau calls for the development of a more precise ecological framework in which to approach the problems and challenges of the environmental crisis. Such a framework entails a knowledge of many <a href="Landscapes">Landscapes</a>, or ecosystems, and a judicious use of the findings and methods of the older, more established natural and social sciences.

To this end the author provides descriptions of various ecosystems that stand as models for future studies and synthesizes our present knowledge of the field. He then develops his own innovative methodology for constructing a scientific ecological perspective. Based on an inventory of resources, agents, processes, and products of various trophic energy levels, the study of the dynamic interplay among each of these units leads to an objective measurement of a particular environment.

Although a highly trained and disciplined scientist, Professor Dansereau is nevertheless acutely aware of the human factor in approaching environmental problems. Man is, of

course, a part of the landscape. Through increasing his awareness and knowledge, he can even become a positive agent for change. But on a deeper and more profound level, man is seen as capable of effecting changes in landscapes largely as the result of his own mental projections, that is, through his <u>inscape</u>. The template of the inscape thus becomes an ecological lever on a par with floods, climate, vegetation, and other natural forces.

Here is a grand analysis of the life processes that explores the potential of planning to create a humane and livable world in which a share of the natural environment can be kept for man's appreciation and use. Inscape and Landscape, based upon the 1972 Massey Lectures of the Canadian Broadcasting Corporation, combines a solid background of science with a graceful literary style and a humane outlook.

Fairbrother, Nan. The nature of landscape design: as an art form, a craft, a social necessity. With a foreword by F. Fraser Darling. 1st American ed. New York: Knopf, 1974, 252p.

Always starting with nature—and telling us what it can provide that will demand the least care and produce the greatest effect—Nan Fairbrother shows us how to combine land, structures, water, and growing things, for beauty as well as use. She teaches us to determine what we want from a landscape (whether an open vista or an enclosed garden, a wilderness area or an urban park) and how to work realistically to achieve it. Her discussion ranges wide: the growing habits of shrubs and flowers, the function of trees and grass, benches and fences, questions of scale and perspective, suggestions for industrial complexes and housing developments, the merits of paving stones and huge plant containers for cityscapes, the important dimension of time in designing a landscape...and more.

With over 200 pertinent photographs from Britain and America, whose captions and content both illustrate and illumine the text, The Nature of Landscape Design is an eloquent blend of philosophy and practical detail, of visionary theory and acute criticism. As Sir Frank Fraser Darling writes in his Foreword, "Nan Fairbrother's amalgam of art and science in an organic setting is something that proliferating mankind intensely needs if the species is to be human humanely."

Illinois. University at Urbana-Champaign--Department of Landscape Architecture. ASLA--school evaluation report, Department of Landscape Architecture of Illinois at Urbana-Champaign. Urbana: The Department, 1975, 259p.

Institute of Landscape Architects. List of members. London, 1974, unpaged.

#### PLANNING

- Agenda for the new urban era: second generation national policy, edited by Harvey S. Perloff. Chicago: American Society of Planning Officials, c1975, 216p.
- Akron, Ohio--Department of Planning and Urban Renewal. Citizen participation mechanisms in city planning: a study of alternatives for citizen involvement in the city of Akron planning process. Akron, Ohio: The Department, 1974, 96p.
- American Institute of Planners--Committee on Developing Country Information Exchange. Urban and regional planning education in the United States of America. Washington: United States Agency for International Development, 1974, unpaged.
- Barras, R. A spatial interaction model of Cleveland. London: Planning Research Applications Group, Centre for Environmental Studies, 1975, 72p+. (PRAG technical paper TP11)
- Barras, R., D.J.W. Booth and J.R.England. The use of models in structure planning: applications in Cleveland. London: Planning Research Applications Group, Centre for Environmental Studies, 1975, 32p. (PRAG technical paper TP10)
- Birkerts, Gunnar. Subterranean urban systems. Ann Arbor, Michigan: Industrial Development Division, Institute of Science and Technology, University of Michigan, 1974, 43p.
- Bish, Robert L. and Hugh O. Nourse. Urban economics and policy analysis. New York: McGraw-Hill, 1975, 435p.

Through the integration of location theory, public goods analysis, and collective action, a comprehensive foundation for the study of urban problems is presented in this new text. The relationship of urbanization to the industrial revolution and the rise of market systems are viewed in historical perspective.

Focusing first on the integration of theories, the authors then examine contemporary urban problems including urban public finance, questions of governmental decentralization and consolidation, housing, segregation, and poverty. Considered also are zoning and land use control, education, the urban environment, and urban transportation. Stressing the usefulness and relevance of economic theory for public policy analysis, the authors discuss prospects for a national urban growth policy, new towns, and the future of urban areas.

- Booth, D.J.W. A shopping model for Cleveland. London: Planning Research Applications Group, Centre for Environmental Studies, 1975, 19p+. (PRAG technical paper 12)
- Chamber of Commerce of the United States of America--Urban Strategy Center. Urban Strategy Center case studies, set 1. Washington: Urban Strategy Center, Chamber of Commerce of the United States, 1974? 8 pts. in 1 v.
- College of Estate Management--Centre for Advanced Land Use Studies. Rent assessment and tenant mix in planned shopping centres. Reading, England, 1975, 43p. (CALUS research report)
- Dumas, Lawrence, Jr. and Hubert Hayes. Municipal public improvement cost assessment. Updated January 1975/by Perry C. Roquemore, Jr. Montgomery: Alabama League of Municipalities, 1975, 50p.
- Essays on world urbanization. London: G. Phillip, 1975, 402p.
- Eversley, David. Planning without growth. London: Fabian Society, 1975, 28p. (Fabian research series 321)
- Finland--Central Federation for Regional Physical Planning. Objective-consciousness in regional physical planning. Helsinki, 1974. (Publication A32)
- Foster, Howard H., Jr. and Douglas Johnson. Citizen advisory group training, interim report. Kingston: Graduate Curiculum in Community Planning and Area Development, The University of Rhode Island, 1973, 54p.
- Friedly, Philip Howard. National policy responses to urban growth. Farnsborough, Hants: Saxon House: Lexington, Massachusetts: Lexington Books, 1974, 221p.
- Gelfand, Mark I. A nation of cities: the Federal government and urban America, 1933-1965. New York: Oxford University Press, 1975, 476p. (The urban life in America series)

A Nation of Cities describes the thirty-year struggle to obtain direct national commitment to the improvement of the urban environment. The obstacles were many: a Federal system inclined toward states' rights and local control; a political system that responded only to crisis; a system of ideas that favored the country way of life and exalted individual rights over community interests. Disunity within urban society also delayed Federal action: big-city mayors, businessmen, social reformers and academicians all lobbied for national programs, but only on their own and often contradictory terms. The story of the developing Federal-city relationship, which culminated in the establishment of the

Department of Housing and Urban Development just a decade ago, makes compelling reading for all who have a vested interest in better cities.

A valuable addition to the <u>Urban Life in America</u> series, this very readable book examines not only the growing partnership between the Federal Government and the nation's large cities but also the fruits of that partnership—including federal housing, urban redevelopment, and highway programs—and their impact on the metropolitan environment.

- Gerin-Lajoie, Paul. The longest journey.... Ottawa: Canadian International Development Agency, 1976, 51p. (Thoughts on international development/10)
- Habitat ancien, colloques de Marly, information sur les problemes generaux de l'urbanisme et de l'amenagement, Toulouse 23-27, Juin 1975. Paris: Centre de recherche d'urbanisme, 1975, 286p.
- Hecht, Neil S. Long term lease planning and drafting. Cincinnati: W. H. Anderson Co., 1974, 412p.
- Heiss, F. William. Urban research and urban policy-making: an observatory perspective. 2d ed. Boulder: Bureau of Governmental Research and Service, University of Colorado, 1975, 115p.
- Indiana Heartland Coordinating Commission. Regional directory: planning activities in central Indiana. Indianapolis, 1975.
- Lewis, David F. A comparative analysis of housing and resident characteristics in new communities and surrounding areas. Chapel Hill: Center for Urban and Regional Studies, University of North Carolina, 1974, 41p.
- Minnesota--State Planning Agency--Office of Local and Urban Affairs. Interlocal cooperation; a manual about the Minnesota Joint Powers Act. St. Paul, n.d., 130p.
- Nebraska--Office of Planning and Programming. Goals, policies, intent as stated in Nebraska statutes/prepared for use by Nebraska legislators, Goals Committee and citizens; research by Warren White, economist, Gary Krumland, legal intern, and staff members of the State Office of Planning and Programming, 1975, 57p.
- Northeast Ohio Four County Regional Planning and Development Organization. Regional goals and policy development. Akron, 1975, 42p.

Pasternak, Jack. The Kitchener Market fight. Toronto: Samuel Stevens, Hankert and Co., 1975, 236p.

For over a year, the entire community of Kitchener was in a turmoil over the dispute centring on the famous farmers' market. The porposal to tear down the market and the old city hall, to replace both with modern buildings, polarized the citizens. The debate raised most of the vital issues of modern urban planning—the need for renewal, transportation problems, conservation, tradition.

The story of the Kitchener Market fight is the story of many medium-sized North American cities trying to remain vital in these years of urban crisis. The story of the farmers' market is the story of businessmen, merchants, politicians, newspapermen, and professionals running a town like a private club. It is a story which became a national cause celebre, drawing comment in national newspapers and magazines. It is a story about people—how they interact in the public arena, how they plot to gain their ends, and how and why they win and lose—a story as much like a gossip column as a political report.

- Peoria, Illinois--Community Development Council. Community goals: prepared for the Community Development Council. Peoria, Illinois: The Council, 1975, 54p.
- Perloff, Harvey S. Agenda for the New Urban Era. Chicago: American Society of Planning Officials, 1975.
- Policy publication review. Guilford, England: IPC Business Press Ltd., 1975-, v. 1, no. 1 and continue.
- Pross, A. Paul. Planning and development, a case of two Nova Scotia communities. Halifax, Nova Scotia: Institute of Public Affairs, Dalhousie University, 1975, 109p.
- St. Louis County, Missouri--Department of Planning. Lemay comprehensive plan. Clayton, Missouri, 1974, 171p.
- Sedway/Cooke. Land and the environment: planning in California today, prepared for the Planning and Conservation Foundation. Los Altos, California: W. Kaufmann, 1975, 154p.
- Social and Community Planning Research. A review of public involvement in planning by Roger Jowell. London: Social and Community Planning Research.
- Toronto-Bureau of Municipal Research. The Toronto regions' privately developed new communities. Research associate, Virginia Williams Vito. Toronto, 1972, 40p. (Civic affairs, 1972; no. 2)

U.S.-Department of Housing and Urban Development. Horizons on display. Washington: U.S. Government Printing Office, 1975, 120p.

A catalog of community achievement.

- U.S.--Library of Congress--Congressional Research Service. Energy, environment, and physical development, transportation, housing and general government programs: 1975 budget high-lights and issues, Nancy H. Teeters, et. al. Washington: Congressional Research Service, Library of Congress, 1974, 37p.
- Wagner, Harvey M. Principles of operations research. 2d ed. Englewood Cliffs, New Jersey: Prentice-Hall, Inc., 1975, 1039p.
- Wisconsin--State Planning Office. Small community growth, a part of a study of Wisconsin's future development. Madison, 1975, 78p.

#### POLITICS AND GOVERNMENT

Fainstein, N. I. and S. S. Fainstein. Urban political movements: the search for power by minority groups in American cities. Englewood Cliffs, New Jersey: Prentice-Hall, 1974, 271p.

Here is a systematic analysis of the mobilizing efforts being made by minority groups to change the behavior of urban bureaucracies and to create programs to improve their lives. The book focuses on the interplay between minority group living conditions, ideology, institutional structures, movement organizations, and the resources and strategies available for producing change.

Urban political movements are placed within a historical context to provide insights into urban institutions, the position of minority groups and the nature of political movements as vehicles for social change. The question of precisely what resources relatively powerless groups can use to become politically potent is explored in depth.

- Fankum, Ronald B. and George Foster, eds. Emerging issues in local government law. San Diego: Urban Observatory of San Diego, 1975?, 115p.
- Fromkin, David. The question of government; an inquiry into the breakdown of modern political systems. New York: Scribner, 1975, 228p.
- Governmental Research Institute. The inconspicuous governments, an inventory of special government agencies in Cuyahoga County. Cleveland, 1976, 108p.

Howard, S. Kenneth. Changing State budgeting. Lexington, Kentucky: Council of State Governments, 1973, 372p. (Council of State Governments RM-482)

"Prepared for publication for the Council of State Governments by the Institute of Government, University of North Carolina at Chapel Hill, with special cooperation from the Ford Foundation."

- Jokela, Arthur W. Self-regulation of environmental quality: impact analysis in California local government. Claremont, California: Center for California Public Affairs, 1975, 135p.
- Lambro, Donald. The federal rathole. New Rochelle, New York: Arlington House Publishers, 1975, 207p.
- Marwah, Onkar and Ann Schulz, eds. Nuclear proliferation and the near-nuclear countries. Cambridge, Massachusetts: Ballinger, 1975, 350p.

India's explosion of a nuclear device was an emphatic reminder that the non-proliferation Treaty of 1968 has done little to discourage serious nuclear aspirants. The original expectations that nuclear capacities would not be sought by Third World countries failed to recognize the independent foreign policy conceptions and requirements of these countries. Further, continuing competition among the present nuclear powers has fueled the current diffusion of weapons and technology. The list of countries likely to possess nuclear weapons within the next few years numbers almost a dozen. Focusing on the issues in the nuclear-strategic debate that divide first and second order states, these papers examine the process of proliferation and its consequences for the international political system.

- Rutgers University—Bureau of Government Research. Techniques for governmental redevelopment of the Hackensack Meadowlands. New Brunswick, New Jersey, n.d., 179p.
- Thomas, Robert D. Water problems in the context of county government decision-making. Gainesville: University of Florida Water Resources Research Center, 1975, 35p. (Publication no. 32).
- Washington (State) -- Office of Community Development. Summary of the budget inquiry kit process: local officials speak to issues in Washington State; a report. Olympia, Washington: The Office, 1975, 107p.
- What government does. Matthew Holden, Jr. and Dennis L. Dresang, eds. Beverly Hills, California: Sage Publications, 1975, 320p. (Sage yearbooks in politics and public policy; v. 1)

## RECREATION AND OPEN SPACE

- Beckman, Yoder and Seay. Recreation and open space plan, Crawford County, Pennsylvania, prepared under the technical supervision of Robert J. Orlando, William Hendrickson. Pittsburgh: Beckman, Yoder and Seay, Inc., 1973, 97p.
- Burdick, John M. Recreation in the cities: who gains from Federal aid? By...reporting on a project of the Center for Growth Alternatives. Washington: Center for Growth Alternatives, 1975, 48p.
- Bury, Richard L. Design of motorcycle areas near campgrounds: effects on riders and nonriders. ...project director and Edgar R. Fillmore, chief investigator. College Station, Texas: Texas Agricultural Experiment Station, Texas A&M University, 1974, 61p.
- California--Division of Forestry. An evaluation of efforts to provide fire safety to development and occupancy within the wildlands of California: a report to the Governor's Office of Planning and Research by Resources Agency, Department of Conservation, Division of Forestry; Barrit Neal, Leroy Taylor. Sacramento: The Division, 1973, 18p.
- Gooch, R. B. and J.R. Escritt. Sports ground construction specifications. London: National Playing Fields Association, 1975, 126p.
- Hewes, Jeremy Joan. Build your own playground! A sourcebook of play sculptures, designs, and concepts from the work of Jay Beckwith. Photos. by Suzanne Arms. Drawings by Susan Colton. Boston: Houghton Mifflin, 1975, 223p.
- Illinois. University at Urbana-Champaign-Housing Research and Development Program. Developing leadership for recreation. ...and State of Illinois, Department of Local Government Affairs, Office of Housing and Buildings. Urbana: The Program, 1974, 14p.
- Illinois. University--Office of Recreation and Park Resources. Revenue sharing for parks and recreation in Illinois: a study. Study team: Robert P. Humke, Ann L. Kief, Ronald Vine. Urbana: Cooperative Extension Service, University of Illinois, 1974, 25p.
- Indiana Heartland Coordinating Commission. 303: creating park and recreation boards: a guide for local communities. Element 300: the natural environment. Indianapolis, 1975.

Rapoport, Rhona and Robert N. Rapoport with the collaboration of Ziona Strelitz. Leisure and the family life cycle. Lawrence, Massachusetts: Routledge and Kegan Paul, Ltd., 1975, 386p.

This stimulating study rejects many conventional views of leisure, and sets out an alternative approach, based on an understanding of first principles of whole life development. The authors describe people's preoccupations at different stages of the life cycle, and look at holidays, hobbies, institutionalized leisure, in terms of the contemporary changes in society. While not denying the need for largescale societal support for many leisure and recreational programmes, they are particularly concerned with the hazards of the rapid institutionalization of leisure, and suggest ways in which leisure providers can bridge the gap between their emerging institutions and the people for whom they are built. They stress that their new approach is not tied to any preconceptions about continuing increases in the 'affluent society'. In fact the framework is intended to be valid for all sorts of social conditions and, arguably, is even more applicable in times of severe environmental constraints because it advocates the cultivation of resourcefulness by both providers and users of leisure facilities in the use of whatever opportunities are available.

Institute of Family and Environmental Research.

- U.S .-- National Park Service. Proposed Prairie National Park, Kansas/Oklahoma: preliminary environmental assessment alternative study areas. Washington: U.S. Department of the Interior, National Park Service, 1975, 2 v.
- Verhoven, Peter J. and Roger A. Lancaster. Municipal recreation and park services and programs, 1975. Washington: International City Management Association, 1975, 14p. (Urban data service reports, v. 7, no. 10)

## SOCIAL CONDITIONS AND SERVICES

Bernstein, Ilene Nagel and Howard E. Freeman. Academic and entrepreneurial research: the consequences of diversity in federal evaluation studies. New York: Russel Sage Foundation, 1975.

Policymakers and social planners--at all levels of government and in the private sector-are currently confronted with the problem of evaluating the large number of human service programs that compete for available resources.

Academic and Entrepreneurial Research presents a systematic study of the expenditure of federal funds for evaluation research. It reviews federally-supported evaluations of programs, including evaluations of social-change experiments and research-demonstration programs funded by the various executive departments of the federal government. Evaluation studies of these large-scale programs vary in scope, quality, and potential utility. Bernstein and Freeman examine all projects initiated during a fiscal year in order to understand better the methods employed, the types of persons engaged in such research, and expectations regarding the utilization of findings.

The book provides data about "high" and "low" quality evaluation research and contains recommendations for restructuring the entire evaluation research enterprise in light of the findings.

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In Clash of Culture Madden, Chief Economist of the U.S. Chamber of Commerce. "presents a sweeping portrayal of the forces of change he sees affecting our society. He not only describes the manifestations of these forces, such as the growth of movements like 'environmentalism' and 'consumerism', but also provides a penetrating and persuasive analysis of the origins of these forces. He emphasizes that the underlying source of change in our culture must be recognized and dealt with in a rational manner, and that only in this way can we avoid the pitfall of irrational response to specific changes, whether they are changes we see occurring now or changes yet in the future."

Moskowitz, Moses. International concern with human rights. Leiden: Sijthoff; Dobbs Ferry, New York: Oceana, 1974, 239p.

Central to this book is the proposition that international concern with human rights is one of the great emergent historical forces of our times which are changing the course of history and shaping the future; its message is that such concern be viewed as the means for the orderly regulation and disciplining of international society, as well as an end in itself. A creative and probing treatment of a subject whose meaning and implications, shadow and substance, have rarely been explored systematically or in depth, the book is a forceful argument for the development of an international human rights discipline to take the place of slogans, to face squarely the embarassments of reality and to cope with the cliches of expectation.

The author builds his case on the judicious and carefully reasoned conclusion that, while the hope that the world will unite behind a common ideology or a super-government has long been dashed, it is more likely to respond to a common concern for survival. In his opinion, an international concern with human rights which understands its raison d'etre not only exudes excitement, a sense of life, a reach and a hope, but is intellectually important and practically potent. Properly channeled through established international institutions, this bold and cutting generalization becomes the golden key to survival.

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As a former commander of detectives in the Chicago police department, Professor Reppetto brings a unique perspective to this study of stranger-to-stranger crimes committed on residential premises. In addition to a thorough search of the literature, his research included an analysis of 2500 felonies; detailed interviews with nearly a thousand victims and nonvictims along with a security audit of their dwellings; field observation in 39 geographic areas; and interviews with 97 adjudicated burglars. Reppetto finds that the most promising strategies for reducing residential crime lie in pro-

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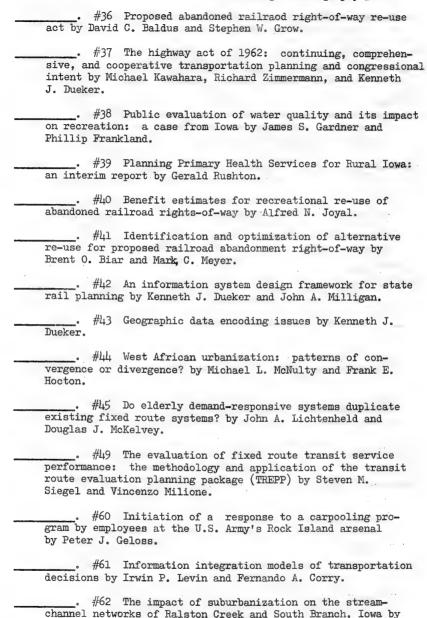
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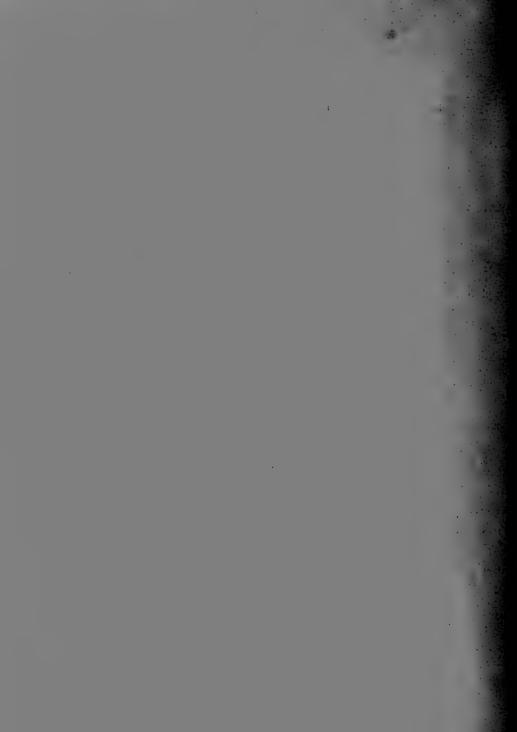
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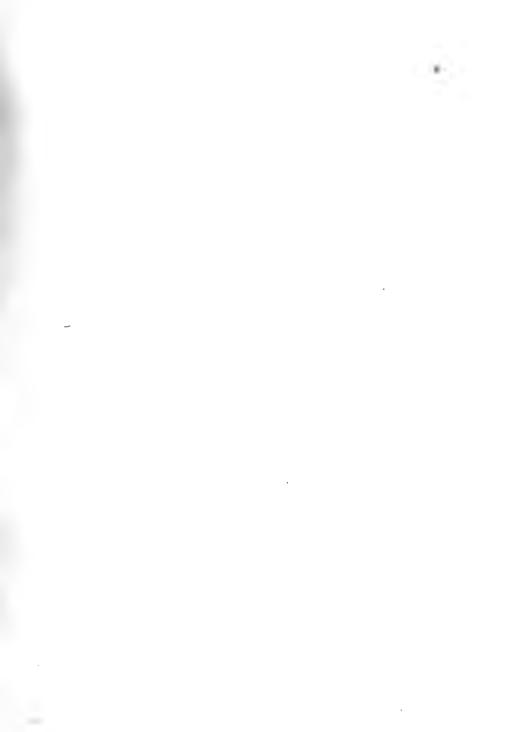
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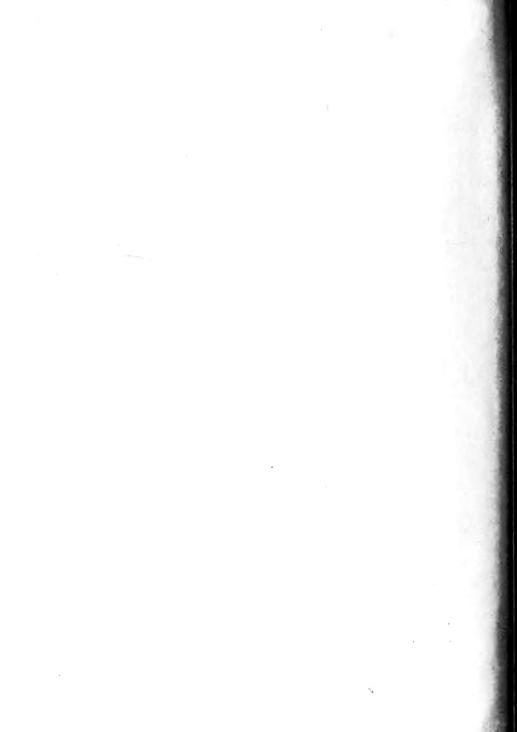






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