



School of Architecture + Planning
Department of Urban Studies and Planning

50 years of doctoral education
1958-2008

PhD 50 DUSP

50th Anniversary Event

Tuesday, December 2, 2008

The MIT Museum

DUSP Doctoral Anniversary Panel

1960s - Dr. Langley Keyes, Ford Professor of City and Regional Planning, MIT

1970s - Dr. M. Christine Boyer, William R. Kenan Jr. Professor of Architecture, Princeton University

1980s - Dr. Harriett "Tee" Taggart, Senior Executive, Consultant

1990s - Dr. Eric Dolin, Author, Environmental Consultant

2000s - Dr. Yan Zhang, Urban Economist, World Bank

SA+P DUSP MIT

The MIT Department of Urban Studies and Planning PhD program:

1958 Responding to a growing demand by educational and professional institutions for planners with more advanced training in research, the department established a doctoral program in City and Regional Planning. Based on the recommendation of the 1956 Burdell Committee report, the new doctoral program was aimed at integrating interdisciplinary research approaches to the study of the physical environment of cities and regions, the forces that shape them, and the interrelations between urbanization and society. The degree of Doctor of Philosophy in City and Regional Planning initially required students to have reading knowledge of two foreign languages, and to prepare for an examination in four fields, one of which had to be planning theory. Other fields included planning techniques; transportation and utilities planning; land-use economics and planning; plan implementation; regional planning; urban design; science, technology, and planning; physical planning problems of developing areas; and social and cultural aspects of planning. The current Ph.D. program is more tailored to the needs of individual students, each of whom works closely with a mentor in the Department. Still, Ph.D. students are expected to prepare for an examination in one of the following fields: city design and development, international economic development, urban information systems, public policy and politics, urban history, urban and regional economics, and urban sociology.

1962 the department's first Ph.D. degree was awarded. Since then, 351 Ph.D. degrees have been granted. 67 students are currently enrolled in the program.

Tidbits:

by 1981 100 PhD degrees awarded
by 1991 200 PhD degrees awarded
by 2004 300 PhD degrees awarded

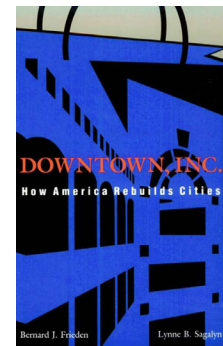
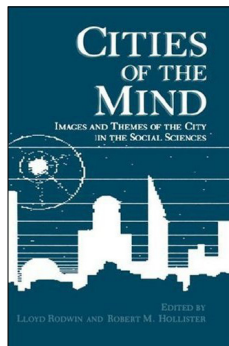
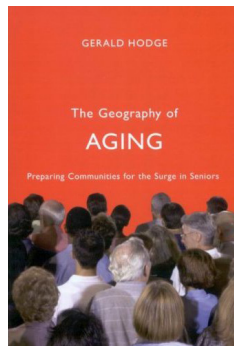
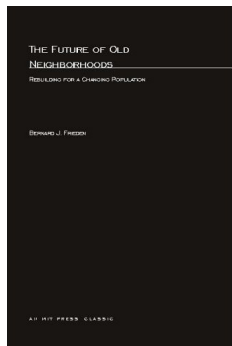
Out of the 232 alumni we have information about:

105 (45%) are or were working in academia
74 (32%) are or were working in the public sector or various organizations
41 (18%) are or were working in the private sector (consultants etc.)
12 (5%) other

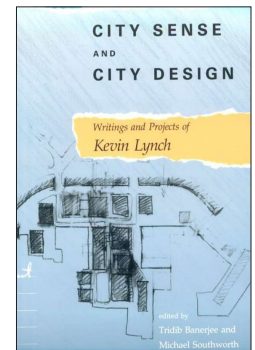
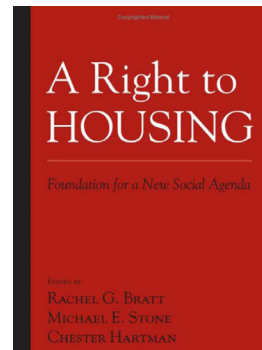
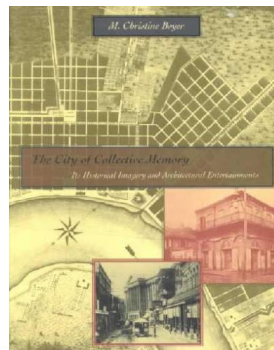
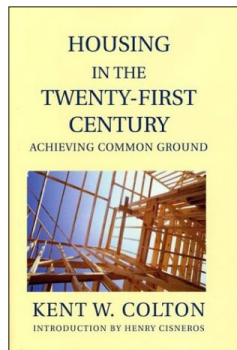
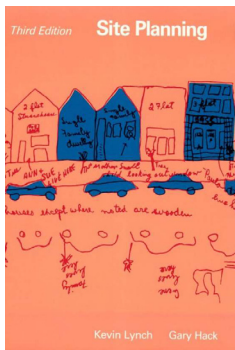
Largest employers:

1. World Bank
2. MIT
3. Harvard

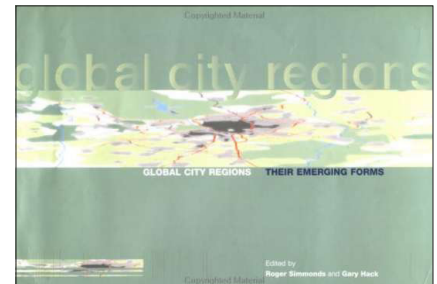
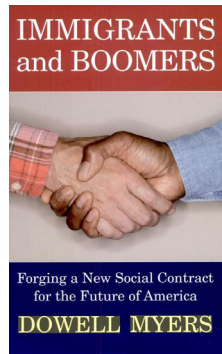
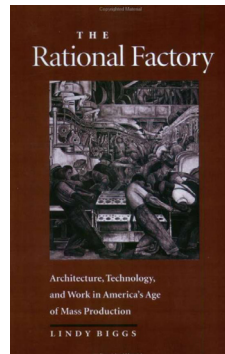
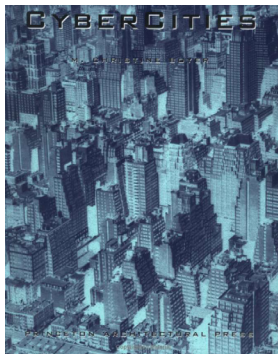
NAME	THESIS TITLE, DATE, THESIS ADVISOR
Bernard Frieden	Communities in decline : the use and rebuilding of old neighborhoods 1962 Lloyd Rodwin
Richard Soberman	Road transport and economic development in the Venezuelan Guayana: a study in transport technology 1963 Lloyd Rodwin
Malcolm Rivkin	Regional development in Turkey, an evaluation of public policy since 1923 1964 John Friedmann
Alan Martin	Optimal routing of urban traffic 1965 Aaron Fleisher
Gerald Hodge	The prediction of trade center viability in the Great Plains 1965 John R.P. Friedmann
Mahmoud Hassan	The movement system as an organizer of visual form 1965 Kevin Lynch
Paul Kolp Navaho	Economic change 1965 Lloyd Rodwin
George Hemmens	An analysis of urban travel and the spatial structure of urban activities 1966 Aaron Fleisher
Carl Steinitz	Congruence and meaning: the influence of consistency between urban form and activity 1967 Kevin Lynch
Erik Svenson	Differential perceptual and behavioral response to change in urban spatial form 1967 Kevin Lynch
Langley Keyes	The rehabilitation planning game: A study in the diversity of neighborhood 1967 Bernard Frieden
Richard Langendorf	The Negro and the metropolis 1967 Bernard Frieden
Michael Appleby	Poverty law applied: a case study of a neighborhood legal services program 1968 Bernard Frieden
Alan Rabinowitz	Intergovernmental fiscal relations: Options and guidelines in financing local public goods and services 1969 Lloyd Rodwin
Alex Friedlander	A method of schedule and route planning in urban mass transit 1969 John Howard
Donald Royse	Social inferences via environmental cues 1969 Kevin Lynch
Earl Black	Inequalities in effective property tax rates: a statistical study of the city of Boston 1969 Kevin Lynch
George Kurilko	The structure of the design process: The designer's social environment and its influence on his processes 1969 Kevin Lynch
Irving Silver	A study of the demand for housing in a metropolitan area 1969 Jerome Rothenberg
John Boorn	A choice system for environmental design and development 1969 Kevin Lynch
Kirkor Bozdogan	The structure of input-output models for national, regional, and multi-regional economic analysis 1969 Jerome Rothenberg
William Porter	The development of DISCOURSE: a language for computer assisted city design 1969 Aaron Fleisher
James Hester	Dispersal, segregation, and technological change: Simulation model of large metropolitan areas 1970 Aaron Fleisher
Michael Southworth	An urban service for children based on analysis of Cambridgeport boys' conception and use of the city 1970 Kevin Lynch
Parviz Towfighi	The strategy of concentrated decentralization for regional growth 1970 Lloyd Rodwin



NAME	THESIS TITLE, DATE, THESIS ADVISOR
Rolf Goetze	Conserving the urban housing stock, a set of case studies on the impact of government policy 1970 Bernard Frieden
Robert Bofah	Black entrepreneurship in the U.S.: Historical appraisal, contemporary problems and future prospects 1971 Lloyd Rodwin
Robert Hollister	From consumer participation to community control of neighborhood health centers 1971 Bernard Frieden
Tridib Banerjee	Urban experience and the development of city image: a study in environmental perception and learning 1971 Kevin Lynch
Carl Robart	Airport noise: its impact and alleviation 1972 Aaron Fleisher
Christine Boyer	The language of city planning: an essay in historical and philosophical understanding 1972 Lloyd Rodwin
David Stern	The effects of alternative aid formulas on the distribution of public school expenditures in Massachusetts 1972 Peter Temin
Hans Bleiker	Augmentation and meta-process: Responsive and responsible decision-making by public agencies 1972 Marvin Lee Manheim
James Wallace	A critique of federal income tax incentives in the development and operation of subsidized rental housing 1972 Bernard Frieden
Francis Ventre	Social control of technological innovations: the regulation of building construction 1973 Bernard Frieden
Judith Innes	Social indicator design and use: an interactive process 1973 Aaron Fleisher
Kent Colton	Police and computers: the use, acceptance and impact of information technology 1973 Bernard Frieden
Lawrence Susskind	Decision-making and resource allocation in State government: a new perspective 1973 Lloyd Rodwin
Romin Koebel	Incentive zoning in New York City: managing the urban spatial environment 1973 Kevin Lynch
Anthony Yezer	A job-search model of migration between metropolitan areas 1974 John Harris
Arnold Yoskowitz	City effectiveness in initiating and planning urban development: the Welfare Island development 1974 Philip David
Barry Stein	The potential for decentralized community industries 1974 John Harris
Leonard Buckle	Bargaining for justice: plea bargaining as reform in the criminal courts 1974 Donald A. Schön
Suzann Buckle	Bargaining for justice: plea bargaining as reform in the criminal courts 1974 Donald A. Schön
William Sims	Iconic simulations: an evaluation of their effectiveness for simulating environmental experience 1974 William Porter
Bette Woody	Impact of racial transition on the management of city government 1975 Bennett Harrison
Malte Möhr	A consistency problem of multiregional input-output, and conditions of constrained matrices 1975 Karen R. Polenske
Nathan Betnun	State housing finance agencies and public purpose housing development 1975 Langley Keyes
Noble Fenwick	Organizational management of new knowledge : a case study of a state bureaucracy 1975 Donald A. Schön
Peter Allaman	Forecasting the cost and revenue implications of the development of a suburban town 1975 Aaron Fleisher

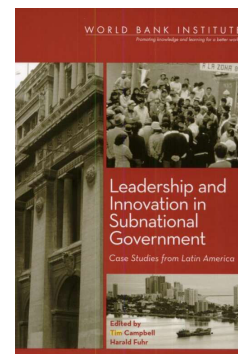
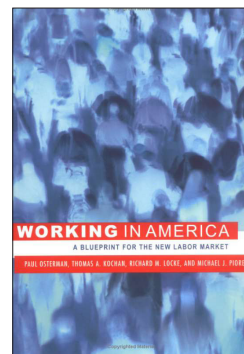
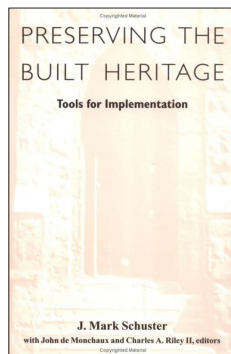
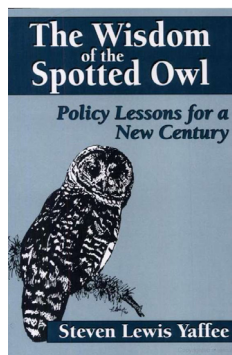


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Phillip Clay	The process of black suburbanization 1975 Bernard Frieden
Ranko Bon	Some conditions of macro-economic stability of multiregional models 1975 Karen R. Polenske
Adriana Stadecker	9 to 5 : women office workers interpret a social movement 1976 Martin Rein
Gary Hack	Environmental programming : creating responsive settings 1976 Kevin Lynch
Michael Pause	Teaching the design studio, a case study : MIT's department of architecture, 1865-1974 1976 Kevin Lynch
Paul Osterman	The labor market for young men 1976 Michael Piore
Rachel Bratt	Federal homeownership policy and home finance : Program operations and impacts on the consumer 1976 Langley Keyes
Tomasz Sudra	Low-income housing system in Mexico City 1976 Kevin Lynch
Donatus Okpala	The potentials and perils of public urban land ownership and management : Lagos (Nigeria) 1928-1972 1977 Ralph Gakenheimer
Kenneth Geiser	Reform school reform : the nature of change in a social policy biography 1977 Martin Rein
Kerry Vandell	Alternative mortgage instruments : Effects on homeownership, housing consumption, and mortgage credit 1977 Arthur Solomon
Mark Waltch	Information exchange in the design of a large scale environment : a psychoanalytic approach 1977 Kevin Lynch
Paulette Coleman	Prison reform in Massachusetts : a study of the politics of institutional change 1977 Robert Fogelson
Raiit Bademli	Distorted and lower forms of capitalist industrial production in underdeveloped countries 1977 Bennett Harrison
Victor Bach	Chance to own: Assessment of the Section 235 Program of lower-income home ownership 1977 Bernard Frieden
William Harris	Television's image of the city : the Jamaica Plain case 1977 Kevin Lynch
Deana Rhodaside	How residents view their environments : a planning tool 1978 Kevin Lynch
Harry Minor	Policy analysis and the Congress : an organizational study of the Congressional Budget Office 1978 Donald A. Schön
John Pucher	Equity in transit financing: the distribution of the costs and benefits of subsidies among income classes 1978 Alan Altshuler
Jorge Harth-Deneke	Towards alternative distributional urban strategies 1978 Ralph Gakenheimer
Louis Slesin	Potentially catastrophic policies 1978 Michael O'Hare
Lucia Edmonds	Financing state and local government public employee retirement systems : problems and perspectives 1978 William Wheaton
Najwa Makhoul	The proletarianization of Palestinians in Israel : a study of development and class formation 1978 Bennett Harrison
Roger Simmonds	Learning to learn and design : the development of effective strategies in a graduate school of architecture 1978 Donald A. Schön
Alan Sager	Planning home care services for the elderly : variations in perceived needs and their costs 1979 Bernard Frieden

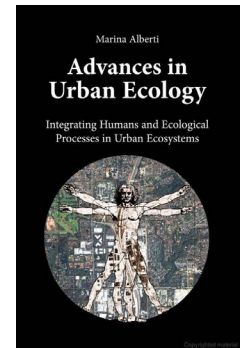
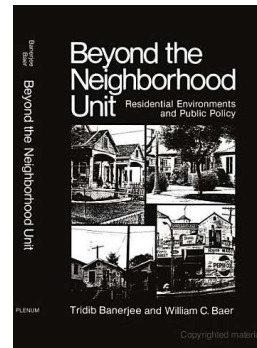
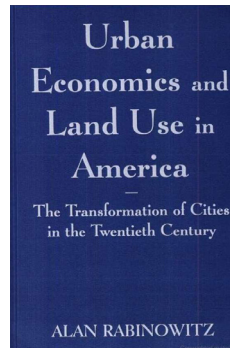
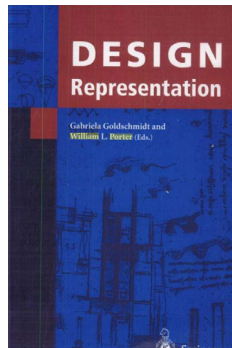
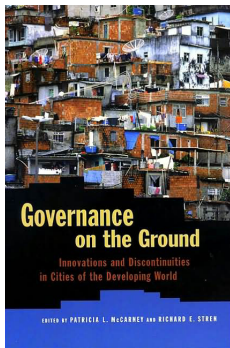


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Denise Dipasquale	State aid to local school districts : a comparative analysis 1979 William Wheaton
Douglas Johnson	Black employment in black-owned enterprises : a study of internal labor markets 1979 Bennett Harrison
Edward Popko	Sites-and-services policies for low-income housing in Colombia 1979 Lisa R. Peattie
Gregory Pai	Environmental pollution control policy : an assessment of regional economic impacts 1979 Karen R. Polenske
Heinz Besser	Rural credit markets in the northeast of Brazil 1979 William Wheaton
Janet Corpus	Private old age pensions : a study of corporate needs and social welfare 1979 Robert Fogelson
Janet Loneragan	Child support enforcement and welfare dependency 1979 Lisa R. Peattie
J. Mark Schuster	Income taxes and the arts : tax expenditures as cultural policy 1979 Michael O'Hare
Margaret Dewar	Industry in trouble : economics and politics of the New England fisheries 1979 Bennett Harrison
Poh Wong	Dynamics of labor absorption in post-colonial peninsular Malaysia 1979 Karen R. Polenske
R.Corrada-Guerrero	Economic dependency and income distribution in Puerto Rico 1950-1977 1979 Lloyd Rodwin
Steven Yaffee	Prohibitive policy and the implementation of the endangered species act 1979 Lawrence E. Susskind
Sugijanto Soegijoko	Spatial efficiency of urban centers as a basis for regional development : a case study of South Sumatra 1979 Lloyd Rodwin
Byungho Oh	Urban transportation planning in low-income areas 1980 Ralph Gakenheimer
Daniel Sargent	Coal transportation and the development of the international steam coal market 1980 Morris Adelman
Dowell Myers	The housing progress of young cohorts 1980 Bernard Frieden
Joan Martin	Evaluating fiscal strain in cities 1980 Lawrence E. Susskind
Lynne Sagalyn	Housing on the installment plan : an economic and institutional analysis of contract buying in Chicago 1980 Bernard Frieden
Pamela Ransom	Room for rent : a study of older homeowners in Boston's South End 1980 Donald A. Schön
Richard Daynard	Informal resolution and formal adjudication of consumer complaints by a licensing authority 1980 <i>Suzann Thomas-Buckle</i>
Tim Campbell	Resource transformation in squatter households : testing a system model of urbanism 1980 Lloyd Rodwin
William Polk	The National Rural Cable TV Development Task Force 1980 Lawrence E. Susskind
William Ronco	Participatory organization at work 1980 Donald A. Schön
Zmarak Shalizi	Multiregional input-output multipliers and the partitioned matrix solution of the augmented MRIO model 1980 Karen R. Polenske
Anastasia Shkilnyk	Pathogenesis in a social order : a case study of social breakdown in a Canadian Indian community 1981 Ralph Gakenheimer
Benjamin Reif	Government incentives and industrial locations : some considerations for Venezuela 1981 Lloyd Rodwin
Carlos Dominguez	Three modes of planning and the experience of professional planners 1981 Lisa R. Peattie
Edward Hill	Commercial bank behavior in local markets : theory and evidence from New England 1981 William Wheaton
Harriett Taggart	Redlining urban neighborhoods : mortgage risk myths or realities 1981 Langley Keyes
Marie Howland	Regional variations in cyclical employment 1981 William Wheaton
N. Okonjo-Iweala	Credit policy, rural financial markets, and Nigeria's agricultural development 1981 Alan Strout
Philippe Annez	Housing investment : a cross country comparison 1981 William Wheaton
Ron Jones	An analysis of the interstate shifting of state and local taxes 1981 Karen R. Polenske
Sandra Kanter	Theory of the little state : business-government relations in the Commonwealth of Massachusetts 1981 Langley Keyes
Tsutomu Yata	Citywide urban design policies 1981 Gary Hack
Allen Lee	Cross cultural communication between scientists and lawyers in judicial policy-making 1982 Leonard G. Buckle
Boris Pleskovic	A methodology of fiscal incidence using a Social Accounting Matrix framework and the Harberger model 1982 Karen R. Polenske
Budhy Soegijoko	Intermediate public transportation for developing countries - case study : Bandung, Indonesia 1982 Ralph Gakenheimer

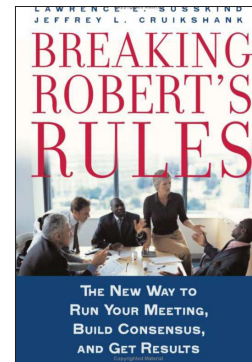
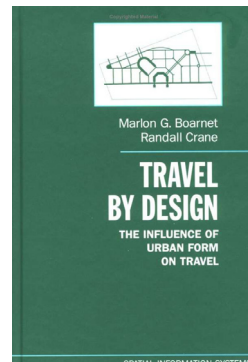
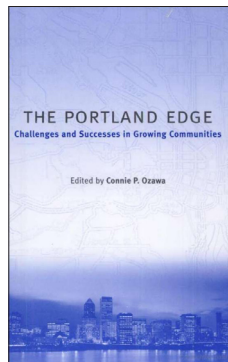
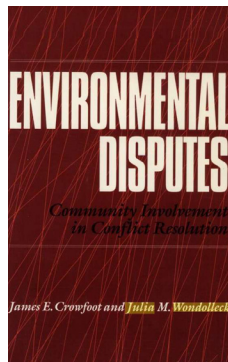
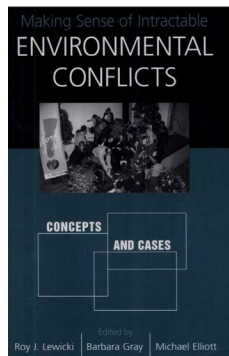
NAME	THESIS TITLE, DATE, THESIS ADVISOR
Charles Perry	State growth management 1982 Lawrence E. Susskind
Deborah Yanow	Toward a symbolic theory of policy implementation 1982 Leonard G. Buckle
Levi Sorrell	Implementation of control in contracting for human services 1982 Leonard G. Buckle
Scott Cook	Part of what a judgment is 1982 Suzann Thomas-Buckle
William Crown	Aggregation bias, information loss, and trade-coefficient stability in the multiregional input-output model 1982 Karen Polenske
Adrian Walter	When I'm sixty-four : social ties in the housing decisions of the elderly 1983 Bernard Frieden
A. Deolalikar	Rural industries in India : a study of some factors affecting their performance 1983 Alan Strout
Clinton Bourdon	Wages and work practices in union and open shop construction 1983 Michael Piore
Deborah Schreiber	It's all in a day's work : an institutional analysis of the rehabilitation system 1983 Leonard G. Buckle
Eric Hansen	Agglomeration economies and industrial location in Sao Paulo state, Brazil 1983 William Wheaton
Hisanobu Shishido	Growth, distribution and macro closures : a general equilibrium analysis of post-World War II Japan 1983 Richard Eckaus
Hugh Evans	Planning and decision making : development in the Potosi region of Bolivia 1983 Lloyd Rodwin
Jai Won	An application of multicriteria evaluation methodologies to auto restricted zone policies 1983 Ralph Gakenheimer
Joseph Langsam	Theories and techniques in housing market analysis 1983 William Wheaton
Julia Wondolleck	Oil and gas and the public lands : conflict and resolution 1983 Lawrence Bacow
Nancy Reichman	Ferretting out fraud : the manufacture and control of fraudulent insurance claims 1983 Gary Marx
Reiko Habe	Citizen motivation for controlled growth 1983 Gary Hack
David Sahn	An analysis of the effect of income and prices on food consumption and expenditure patterns in Sri Lanka 1984 Aaron Fleisher
Edward Kaplan	Managing the demand for public housing 1984 Richard Larson
John Horberry	Development assistance and the environment : a question of accountability 1984 Lawrence E. Susskind
Karen DeVol	Chutes and ladders : the career paths of scientists and engineers 1984 William Wheaton
Kathleen Cannings	Promotion and earnings differences of males and females in large Canadian firms 1984 Michael Piore
Kermit Baker	Inflation in the housing market : the housing affordability experience of the 1970's 1984 Bernard Frieden
L. Shinan-Shamir	The suitability of industries to non-metropolitan communities 1984 Donald A. Schön
Michael Elliott	Coping with conflicting perceptions of risk in hazardous waste facility siting disputes 1984 Lawrence E. Susskind



NAME	THESIS TITLE, DATE, THESIS ADVISOR
Peter Bateman	Implementation of a program policy by individuals : a study of front-line welfare workers 1984 Leonard G. Buckle
Rebecca Morales	Transitional labor : undocumented workers in a changing automobile industry 1984 Bennett Harrison
Seongsou Choi	Dynamics of land value and use in urban growth 1984 William Wheaton
Sherwin Wexler	Policing racial violence in Boston : a case study of an innovative program 1984 Gary Marx
Beatrice Lewis	Inventors, explorers, experimenters : how parents adapt homes for children with mobility problems 1985 Gary Hack
Farokh Afshar	The political economy of technology choice : construction and materials production in Pakistan 1985 Alan Strout
George Weber	Law reform and the problem of unintended consequences 1985 Gary Marx
Hugh Donahue	Defining public discourse : the Fairness Doctrine and Equal Time in American broadcasting 1985 Alan Brinkley
Karen Fulbright	The myth of the double-advantage : black women in management 1985 Bennett Harrison
Samuel Mintz	An Almon distributed-lag model of transport investments and development in Liberia, 1950-1980 1985 Karen R. Polenske
Sheryl Handler	The public trust : real trust 1985 Philip David
Sunwoong Kim	Labor specialization, agglomeration economies, and regional resource allocation 1985 William Wheaton
Susan Bartlett	Growth and change in the computer industry : impacts on plant location and labor demand 1985 Bennett Harrison
Carol Carter	Hospital cost containment in Massachusetts 1986 Lawrence Bacow
Cynthia Horan	Empty coffers--tax reform politics in Boston and New York 1986 Robert Fogelson
Ebelechukwu Agba	A study of problems in new urban development and construction 1986 Ralph Gakenheimer
Karl Kim	Urban infrastructure : the role of long-term municipal borrowing 1986 Lawrence E. Susskind
Rosalyn Gerstein	Interpreting the female voice : an application of art and media technology 1986 Sharon Traweck
Sharif Elmusa	The characteristic, determinants and impact of technological change in Jordan valley agriculture 1986 Karen R. Polenske
Andrew Laing	Economics and gender : ways of understanding the social relations of women and men in the economy 1987 Karen R. Polenske
Andrew Reamer	The dynamics of manufacturing job loss : a case study of Rhode Island, 1978-83 1987 Bennett Harrison
Anna Hardman	The role of side payments in a market in disequilibrium : the market for rental housing in Cairo 1987 William Wheaton
Deborah Auger	Bureaucratic policymaking through administrative regulation 1987 Bernard Frieden
Hendrik Wagenaar	Virtual institutions : community relations and hospital recidivism in the life of the mental patient 1987 Martin Rein
Jacques Gordon	Hidden housing production--residential conversion activity in the City of Boston 1987 Phillip Clay



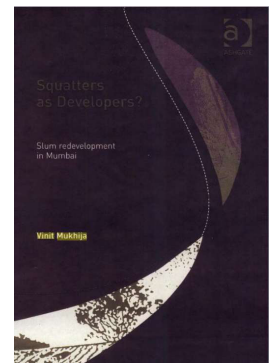
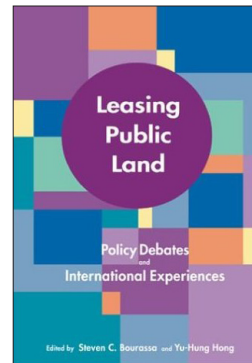
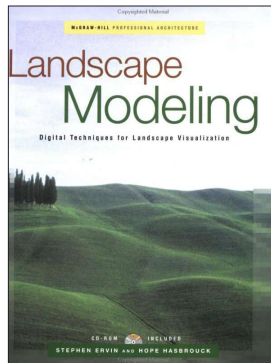
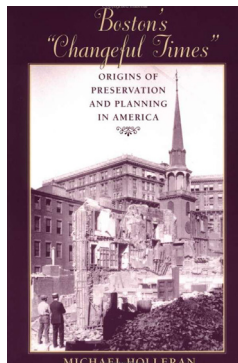
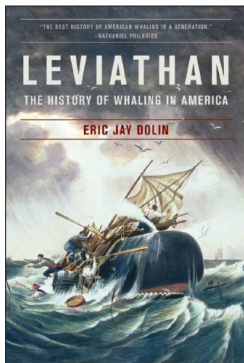
NAME	THESIS TITLE, DATE, THESIS ADVISOR
Jinai Kim	Privatization of public open space : public process and private influence 1987 Gary Hack
John Accordino	Quality of working life systems in municipalities : a lasting innovation 1987 Gary Marx
Joseph Hunt	The political study of nature--socio-ecological transformation of a North Bengal region 1987 Bennett Harrison
Lindy Biggs	Industry's master machine : factory planning and design in the age of mass production, 1900 to 1930 1987 Robert Fogelson
Patricia McCarney	The life of an idea : the rise and fall of sites and services at the World Bank 1987 Lisa R. Peattie
Randall Crane	Essays in local public finance 1987 William Wheaton
Sarah Kuhn	From the back office to the front lines : the computer software development labor process 1987 Bennett Harrison
Susan Vogeler	Organizational adaptation in the Venezuelan petroleum industry after nationalization 1987 Donald A. Schön
Valerie Kozel	Income, consumption, and savings behavior in the Côte d'Ivoire 1987 William Wheaton
Young Kwon	Agglomeration economics, trade, and a system of cities : a general equilibrium approach 1987 Alan Strout
Connie Ozawa	Consensual procedures and the role of science in public decision making 1988 Lawrence E. Susskind
Joo Cho	An asset-based theory of housing choice under credit constraints : the case of Korea 1988 William Wheaton
Joy Hecht	Introducing information technology in third world cities : the Tunisian experience 1988 Joseph Ferreira
Mary Schmidt	Planning for the management of technological risk 1988 Donald A. Schön
Paul Smoke	The fiscal role of local government in developing countries : lessons from Kenya 1988 Karen R. Polenske
Yok-shiu Lee	Rural nonfarm activities in China : growth and effects of township enterprises, 1978-1987 1988 Karen R. Polenske
Aurelio Menéndez	Analysis and decision : estimating capital and operating costs in the transportation planning process 1989 Ralph Gakenheimer
Cheryl Mattingly	Thinking with stories : story and experience in a clinical practice 1989 Donald A. Schön
Evangeline Cuenco	Mortgage finance vis-a-vis other programmatic interventions in low-income housing in developing countries 1989 Lisa R. Peattie
José Aldrete-Haas	The decline of the Mexican state? : the case of state housing intervention (1917-1988) 1989 Lisa R. Peattie
L. Rivera-Torres	Tax exemption and industrial development in Puerto Rico 1989 Alan Strout
Lorris Mizrahi	A generalized input-output model : combining demand- and supply-side systems 1989 Karen R. Polenske
Mary Lynch	Development assistance and industrialization : why are there differing views? 1989 Lance Taylor
Scott McCreary	Resolving science-intensive public policy disputes : lessons from the New York Bight Initiative 1989 Lawrence E. Susskind
Stephen Ervin	The structure and function of diagrams in environmental design : a computational inquiry 1989 Aaron Fleisher



NAME	THESIS TITLE, DATE, THESIS ADVISOR
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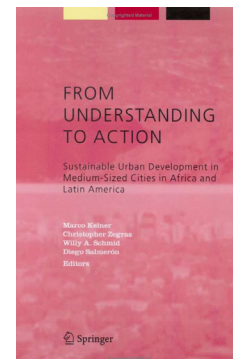
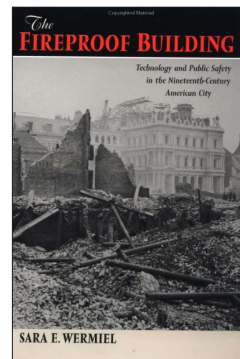
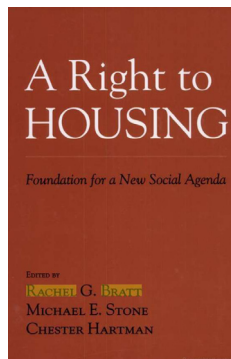
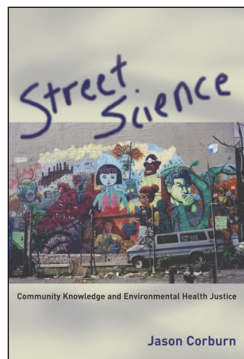
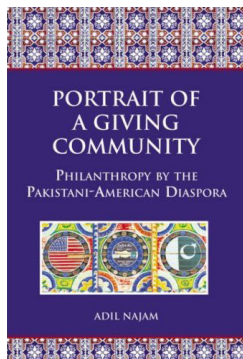
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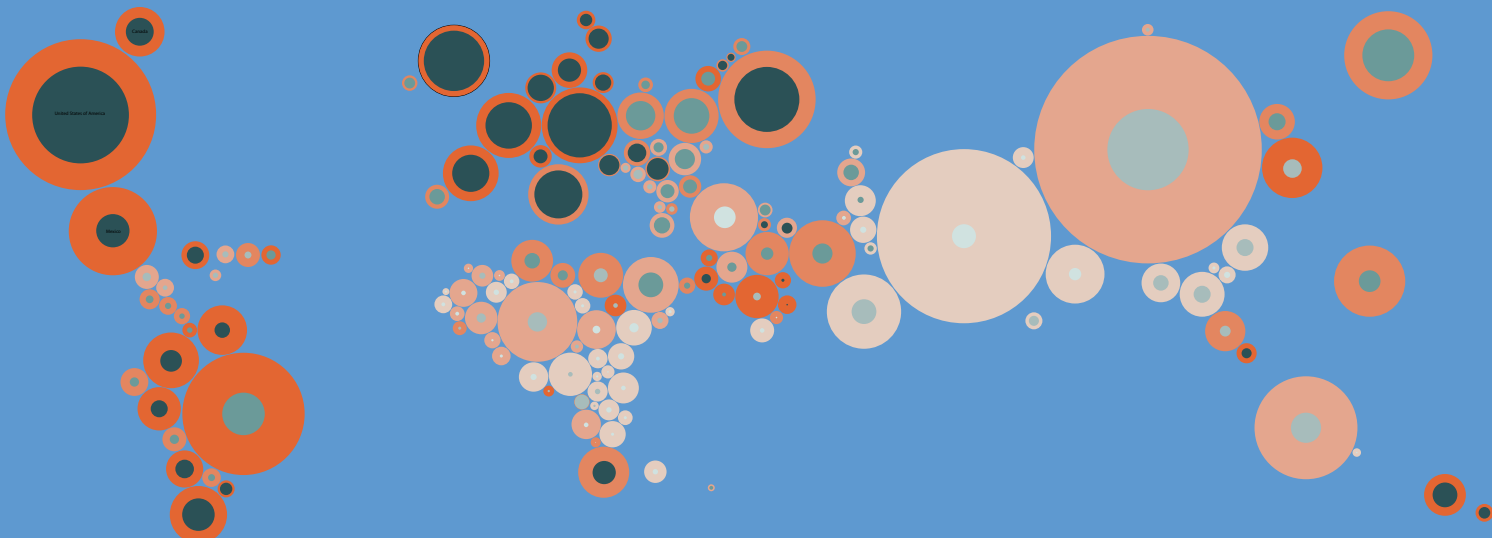
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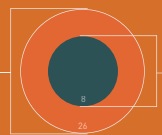
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2010 urban population (millions)



1950 urban population (millions)



Highest proportion of population living in cities

Lowest proportion of population living in cities

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