

## Curriculum Vitae

Full name: Daniel Czamanski  
Place of birth: Jerusalem, Israel  
Address: Faculty of Architecture and Town Planning  
Technion – Israel Institute of Technology  
Haifa, 32000 Israel  
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### 1. Education

1974 Ph.D. (Economics), the Maxwell School, Syracuse University, Syracuse, N.Y.  
U.S.A. Advisor: Jesse Burkhead  
1971 MA (Economics), Brown University, Providence, R. I., U.S.A.  
1970 BA (Economics), Dalhousie University, Halifax, Canada

### 2. Appointments

#### 2.1 Academic

**Technion-Israel Institute of Technology**, Faculty of Architecture & Town Planning, Haifa, Israel  
Since 1986 Tenured Associate Professor  
Since 1983 Associate Professor  
1981-82 Visiting Associate Professor  
**The Ohio State University**, Dept. of City & Regional Planning, Columbus, Ohio  
1980-83 Tenured Associate Professor  
1974-80 Assistant Professor  
**The Ohio State University**, the National Regulatory Research Institute  
1985-87 Visiting Scholar  
1980-83 Institute Fellow in Economics  
1976-80 Faculty Research Associate  
**The Academy for Contemporary Problems**, Columbus Ohio and Washington, DC  
1981-83 Associate Fellow in Energy and Resource Management.

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**World University - World Academy of Art and Science and World Research Center, Inc.,**  
Boston  
1981-83 Member

## **2.2 Administrative**

### **Technion – Israel Institute of Technology**

2013-15 Member of the Academic Council of the Division of Continuing Education and External Studies

1998-00 and  
2012 Prosecutor in the Technion Disciplinary Court

2011-12 Head Judge, Technion Students Disciplinary Court

Since 2010 Associate Dean of Architecture for Research and Faculty Development

2008-10 and  
2000-02 Associate Dean of Architecture for Research and Graduate Studies

2010 Chair of the Steering Committee, Industrial Design program

Since 2008 Acting Dean of the Faculty of Architecture & T.P. (intermittent)

2007-09 Chair of the Steering Committee, P. K. Hoenich Gallery

2000-02 Chair Faculty Development Committee

1998-00 Chair of the steering Committee of the City and Regional Research Center

1992 Chair of the Scholarships Committee

1991-92 Assistant to the Undergraduate Dean on matters of discipline and Prosecutor in the Internal Disciplinary Court of the Technion

Klutznick Center for Urban & Regional Research  
1986-87 Acting Director  
1994-96 Director

### **The Ohio State University**

1982-83 Member of Professional Leaves Committee

1980-81 Graduate School Standing Committee on the Ph.D. Degree

1979-80 Member of Research & Development Committee - College of Engineering

### 2.3 Professional

- 2012-13 Head, Electricity Master-Plan for Israel  
Israel Ministry of Energy and Water and Tahal, Inc.
- 2011-12 Member of a steering committee, Smart Grid for Israel  
Israel Ministry of Infrastructure
- 2009-10 Member of the National Water Master-Plan (*in charge of economics and regulation institutions and practices - intermittent*)  
Israel Water Authority
- 2007 Chairman of the Board of Directors of an international consulting firm  
(*The firm never started operations*)  
Urban Strategy International, Inc
- 2006-07 Advisor to the Director General (*restructuring of the electricity supply system - intermittent*)  
Ministry of Finance, Israel
- Since 2005 Project Director and Senior Fellow (*voluntary activity to promote economic cooperation with the Palestinian Authority, under auspices of the Defense Ministry*)  
Economic Cooperation Foundation
- 2003-05 Senior Vice President (*during sabbatical*)  
Canadian Energy Research Institute, Calgary, Canada
- 1999-09 Head of the economic cooperation program of the EU funded cross-border cooperative effort of the Palestinian Authority and Israel (*voluntary activity to promote economic cooperation with the Palestinian Authority, under auspices of the Defense Ministry*)  
Cooperation North
- 1998-01 Consultant to the CEO (*reorganization of the company as a result of government's new policies*)  
Israel Electricity Corporation
- 1997-01 Chairman of the Board of Directors (*semi-annual meetings*)  
Czamanski - Goldman Management and Engineering Ltd
- 1992-94 Advisor to Ministers of Energy (A. Rubinstein, M. Shahal, G. Segev),  
(*during sabbatical*)  
State of Israel
- 1991-99 Member of the Board of Directors of a charter airline company (*semi-annual meetings*)  
Hat - Haifa Air Transport, Inc
- 1991-94 Chairman of a Public Committee to Determine the Municipal Boundaries of Arabe (*voluntary activity, appointed by the Interior Minister*)

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- 1990-92 Member of the Board of Directors of a land development company (*semi-annual meetings*)  
IV - Israel Ventures, Inc
- 1990-91 Member of the Haifa Mayor's Council on the City's Commercial Infrastructure
- 1989-91 Member of Haifa Mayor's Public Committee on the Local Property Tax
- 1989-90 Chairman of a Public Committee to Determine the Municipal Boundaries of Tiberias (*voluntary activity, appointed by the Interior Minister*)
- Since 1987 Chairman of the Board of Directors (*semi-annual meetings*)  
Czamanski Ben Shahar & Co. Ltd (Czamanski & Co. Consultants (1997) Ltd 1991-97;  
Czamanski Consultants Inc., 1987-91; Matsag Applied Research Incorporated),  
[www.czamanski.com](http://www.czamanski.com)
- 1981-82 and  
1984 Economist  
Settlement Study Centre, Rehovoth
- 1980-83 Member staff Sub-Committee on Economics  
The National Association of Regulatory Utility Commissioners (NARUC)
- 1979-80 and  
1983 Principal Consultant  
Hurley & Schnauffer, Associates, Columbus, Ohio
- 1979-80 Consultant - Industrial Location Policies for Ohio  
State of Ohio, Dept. of Economic & Community Development
- 1979 Expert witness concerning new gas distribution policies  
Public Utilities Commission of Ohio, Columbus, Ohio
- 1978 Consultant  
Acumenics Research & Technology Inc., Bethesda, Maryland
- 1976-80 Member of Policy Advisory Group  
Public Utilities Commission of Ohio

#### **2.4 Editorial Experience**

- 2012-2014 Member of the Editorial Board  
*Computers, Environment and Urban Systems*
- Since 2010 Editor of a new book series "Cities and Nature"  
Springer, International Publishers

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- 2010-12 Chairman, evaluation committee of the geography, regional science and planning section proposals, social sciences and the humanities  
Israel Science Foundation
- 2010 Guest editor of a special issue on complexity  
*Journal of Geographical Systems*
- 2010 Co-editor (with Henk Folmer) of a special issue on advanced methods  
*Annals of Regional Science*
- Since 2010 Member of the Editorial Board  
*European Spatial Research and Policy*
- Since 2010 Member of the Editorial Board  
*Biuletyn Szadkowski* (in Polish)
- Since 2008 Member of the Editorial Board  
*Discrete Dynamics in Nature and Society*
- Since 2007 Member of the Editorial Advisory Board  
*The Open Environmental Science Journal*
- 2003-05 Co-Editor  
*CERI Energy Insights*
- 1987-04 Member of the Editorial Board  
*Urban Systems* (formerly *Sistemi Urbani Journal*)
- 1979-80 Technical Advisory Board Member  
1980-83 Technical Editor and Member of Editorial Board  
*Journal of the American Planning Association*
- Various years Referee to:  
The US National Science Foundation  
The Israel National Science Foundation  
The United States-Israel Bi-national Science Foundation  
D.C. Heath, Lexington Books  
*The Journal of the American Planning Association*  
*Regional Science and Urban Economics*  
*The European Journal of Operational Analysis*  
*The Annals of Regional Science*  
*The Regional Science Journal*  
*Geographical Analysis*  
*Environment and Planning B*  
*Journal of Energy Economics*  
*Computers, Environment and Urban Systems*

### 3. Teaching:

#### 3.1 Courses taught (last 3 years)

##### Fall Semester

Quantitative Methods for Planners, required graduate course, 25 students  
Urban Economics for Planners, required graduate course, 25 students

##### Spring Semester

Economic Considerations for Architects, undergraduate course, 50 students;  
Plan Programming or Sustainability in Energy, Water and Land-Use Systems, graduate course, 10 students; or Energy Economics, graduate course, 15 students

- 1987-03, organized a new specialization in architecture and economics for graduate students in architecture
- Since 2009, organized an on-going inter-university workshop on peri-urban dynamics and sustainability. The workshop meets every 2 weeks and includes 20 faculty members and graduate students from various universities.
- Organized a new graduate course on sustainability in energy, water and land-use systems (2009)
- Organized a new graduate course on energy economics (2012)

#### 3.2 Chair thesis/dissertation committees:

##### 3.2.1 Completed

##### MA theses

- 2013 Nika Zaretski, MsC, Thesis: "Expansion of Coastal Cities Into the Marine Environment, Incorporating Floating Platforms-Conceptual Development" (with Prof. M. Burt)
- 2011 Noah Balter, MsC, Thesis: "Spatial Dynamics of Urban Ecology"
- 2009 Joseph Altalef, M.Sc. Thesis: "Spatial Dynamics of Gutemala City"
- 2009 Einat Golan, M.Sc. Thesis: "3D urban Morphology"
- 2004 Idan Porath, M.Sc. Thesis: "The Spatial Order of Cities – Leisure Centers in Tel Aviv." (with Prof. L. Benguigui) PhD student
- 2004 Ofri Dgani, M.Sc. Thesis: "Survival Factors of the Kibbutz Following the Kibbutzim Settlement"

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- 2004 Efrat Blumenfeld, M.Sc. Thesis: "The Dynamics of Urban Morphology in Tel Aviv." (with Prof. L. Benguigui) was a Post-Doc student in London, Centre for Advanced Spatial Analysis, Prof. Michael Batty and in Tel Aviv University with Prof. Yuval Portugali
- 2003 Eli Kobee, M.Sc. Thesis: "The Selection of Alternatives for Acoustic Protection in Residential Neighborhoods", (with Prof. G. Rozenhoize) Private Consultant
- 2003 Nitza Appelman, M.Sc. Thesis: "Border Crossings as Generators of Development: A Functional-Spatial Model"
- 2003 Ariel Waterman, M.Sc. Thesis: "Dynamics of Urban Morphology: Kfar Saba and Raanana", (with Prof. L. Benguigui) City Engineer of Haifa
- 2002 Lior Datz, M.Sc. Thesis: "Towards Architecture in an Ecological Era and Increasing Density" (with Prof. M. Burt)
- 2002 Eyal Sagee, M.Sc. Thesis: "Considerations in the Physical Planning of Work Environments in High Human Capital Firms"
- 2001 Hagai Yaron, M.Sc. Thesis: "Health Tourism and Ecological Desert Tourism – Perceived Density and Willingness-to-Pay"
- 2001 Limor Peretz, M.Sc. Thesis: "Urban Corporation as an Instrument for Local Development"
- 2000 Menahem Hadar, M.Sc. Thesis: "Sustainable Use of Agricultural Land in Arab Settlements in Israel"
- 2000 Lilach Berger, M.Sc. Thesis: "The Legend of Haifa as 'The Sleeping Beauty'"
- 1999 Michal Teper, M.Sc. Thesis: "Residential Neighborhoods Next to Kibbutzim", professional planner
- 1998 Naif Abu Sharkie, M.Sc. Thesis: "Small Businesses and Their Networks Among the Arab Minority in Israel", planner
- 1998 Lior Apt, M.Sc. Thesis: "The Betterment Tax Burden in Israel"
- 1998 Maria Marinov, M.Sc. Thesis: "Non-Continuous Distribution in the Tel Aviv Metropolitan Area – A Dynamic Model", independent consultant
- 1997 Tamar Canetti, M.Sc. Thesis: "The Evaluation Of The Status Of Israel In The Middle-East Air Transport Network", Entrepreneur
- 1996 Amir Yossi, M.Sc. Thesis: "Travel And Tourism Service Centers - Towards An Integrative Model For Decision-Making", Principal, Amir Architects
- 1996 Peled-Baruch Liat, M.Sc. Thesis: "Women Entrepreneurs And Small Business Support In Israel", senior planner, Ministry of the Interior

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- 1996 Fridberg Ofer, M.Sc. Thesis: "Private Rental Housing In Israel - Between Economic Feasibility And Social Need"
- 1996 Eshet Tzipora, M.Sc. Thesis: "Traffic Congestion Control Via Demand Management Of Transportation"
- 1994 Latsurus Patrisia, M.Sc. Thesis: "A Plan For The Promotion Of Non-Agricultural Entrepreneurship In Agricultural Villages (Moshavim)"
- 1994 Simmons Debbi, M.Sc. Thesis: "An Evaluation Of Current Efforts To Promote Entrepreneurship In Israel"
- 1993 Ben-Shitrit Gilat, M.Sc. Thesis: "The Local Property Burden On Industrial Plants In Israel", Faculty Member, Ariel College
- 1993 Ben-Shahar Tamir, M. Sc. Thesis: "The Potential For Privatisation Of Municipal Services", CEO Czamanski Ben Shahar and Co. inc.
- 1992 Trop Tami, M.Sc. Thesis: "The Willingness To Pay For Transportation Facilities", Faculty Member, Faculty of Architecture, Technion – Israel Institute of Technology
- 1991 Magiora Tsila, M.Sc. Thesis: "The Influence of Settlement Form On Entrepreneurial Activity In The Galilee"
- 1991 Pinchuck Arza, M.Sc. Thesis: "Business Services In Development Towns: An Example Of Software Houses."
- 1991 Schmidt Judith, M.Sc. Thesis: "Approaches To Tourism Planning In Acre"
- 1990 Gabriel Dapah, M.Sc. Thesis: "Industrialisation and Entrepreneurship in Ghana"
- 1990 Sergio Kleiman, M.Sc. Thesis: "The Economic Behavior of Pedestrians in the CBD"
- 1990 Bahat Samual, M.Sc. Thesis: "The Identification of Entrepreneurship Promoting And Delaying Factors In Development Towns In Israel", Senior Planner Jewish Agency
- 1989 Andrew Keye, M.Sc. Thesis: "The Economics of Entrepreneurship in Developing Countries"
- 1989 Erner Aryeh, M.Sc. Thesis: "Firm Organization And Plant Location In The Upper Galilee."
- 1988 Barhad Amalia, M.Sc. Thesis: "The Economic Inefficiency Effects of Location Subsidies - A Case Study"
- 1987 Eini, Judith, M.Sc. Thesis: "The Jewish Settlement in Judean and Samaria: In Filling-in of the Tel-Aviv and Jerusalem Metropolitan Areas"
- 1987 Miller Abi, M.Sc. Thesis: "The Productivity of Fire Services in Israel" independent planner

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- 1986 Taylor, Thomas, M.Sc. Thesis: "Mimicking and Entrepreneurship"
- 1986 Buabang Stephen, M.Sc. Thesis: "Entrepreneurial Behavior and Institutions"
- 1986 Sharon Uzi, M.Sc. Thesis: "Quality of Life and Inter-Urban Migration in Israel"
- 1986 Hochman Ziva, M.Sc. Thesis: "The Use of Integer-Programming Models for Planning School Locations", independent planner
- 1985 Rassem Hamaisi, M.Sc. Thesis: "Industrialization in Arab Villages in Israel", Faculty Member, Geography Department, University of Haifa
- 1982 Dardik Ariel, M.Sc. Thesis: "A Study of Public Transportation Ridership Decline in Haifa"

### PhD Theses

- 2012 Dani Broitman, Ph.D. Dissertation: "Peri-urban Built-Area Spatial Dynamics", (with Prof. I. Benenson, Tel Aviv University), Post-Doc Student in Amsterdam, Department of Spatial Economics, Free University
- 2009 Rafi Roth, Ph.D. Dissertation: "3D Urban Dynamics". (with Prof. L. Benguigui)
- 2005 Efrat Blumenfeld, Ph.D. Dissertation: "Tel Aviv Spatial Dynamics" (with Prof. L. Benguigui) Post-Doc student in London, Centre for Advanced Spatial Analysis, Prof. Michael Batty and in Tel Aviv University with Prof. Yuval Portugali, Lecturer at Tel-Aviv University
- 2004 Maria Marinov, Ph.D. Dissertation: "Spatial Dynamics of the Commercial System in Israel." (with Prof. L. Benguigui)
- 2000 Gilat Benchetrit, Ph.D. Dissertation: "Housing prices in Israel: Causes and Effects", faculty member, Ariel College
- 1998 Maharshak Arie, Ph.D. Dissertation: "Industrial Parks – Competitive Strategic Marketing", President and Associate Professor, Ort-Browde College, Carmiel
- 1997 Hochman Ziva, Ph.D. Dissertation: "Willingness-to-Pay for the Educational Program 'Parents Study and Teach'", Independent Consultant
- 1993 Taylor Thomas, D. Sc. Dissertation: "Spatial Aspects Of Entrepreneurship", lecturer, Kumasi University
- 1990 Karni Eyal, Doctoral Dissertation: "An Approach To The Comparative Evaluation Of Construction Methods Of Light Space Structures" (with Prof. M. Burt), Faculty Member, Faculty of Architecture, Technion – Israel Institute of Technology

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### 3.2.2 In progress

Julia Grinblat, "Peri-urban Ecological Spatial Dynamics" PhD student (Tel Aviv University), with Prof. I. Benenson, Tel Aviv University

Marina Toger, "The Impact of Urbanization and Land Use Changes on Biodiversity at the Urban Edges" PhD student (direct) with Prof. I. Benenson, Tel Aviv University

Asya Natapov, "Role of Urban Attractors in Emerging Pedestrian Movement Patterns" PhD student (direct) with Dafna Fisher-Gewirtzman

Einat Roth, "Agricultural Land in Peri-Urban Regions" MA student (Tel Aviv University), with Prof. I. Benenson, Tel Aviv University

Toni Rantissi, "The effects of Official Foreign Aid on Human Development in the Palestinian Territories." M.Sc. student

## 4. Research:

### Research Interests

- Application of complexity theory to the study of spatial and location economics, urban dynamics and planning; non-linear models of urban morphology; cellular simulation models; urban growth models
- Economic and planning issues in the energy and water sectors and urban and national infrastructure; re-organization of electricity and water sectors

### 4.1 Sponsored

- |         |   |
|---------|---|
| 2010-14 | Co-Principal Investigator (with Ruediger Prasse),<br>Cities, nature and life between them: the dynamics of human and natural ecosystems and the interrelationships between them<br>Euro 175,000 <b>funded by the Niedersachsen-Israeli Research Cooperation Program</b> |
| 2010-13 | Co-Principal Investigator (with Dan Malkinson),<br>The joint dynamics of cities, agriculture and nature and sustainability<br>\$121,000 <b>funded by Israel Science Foundation</b>  |
| 2007-09 | Principal Investigator,<br>Urban 3D Spatial Dynamics<br>\$80,000 <b>funded by Israel Science Foundation</b>   |

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- 2006-07 Principal Investigator,  
Israel's Energy Infrastructure Needs until 2028  
\$5,000 Mosad Neaman, Technion
- 2002-03 Co-Principal Investigator (with L. Benguigui)  
Spatial Dynamics of the Commercial System in Israel  
\$14,000 funded by Research and Educational Funds
- 2001-03 Co-Principal Investigator (with L. Benguigui),  
Urban Spatial Dynamics  
\$80,000 **funded by Israel Science Foundation**
- 1999-00 Co-Principal Investigator (with Uri Shamir),  
Privatization of Water in Israel  
funded by Israel Water Commission
- 1998-01 Principal Investigator,  
Israel's Infrastructure Needs and Provision – Preliminary Analysis  
\$ 5,000, funded by Mosad Neaman, Technion
- 1997-98 Principal Investigator,  
Small Firm Finance Problems  
NIS 10,000 funded by Small Business Administration of Israel
- 1994-95 Principal Investigator,  
The Privatization of Municipal Services  
NIS 10,000 funded by Technion V.P.R. Fund and Mifal Hapais
- 1994 Principal Investigator,  
Evaluation of Immigrant Entrepreneurship  
NIS 50,000 funded by Ministry of Absorption
- 1990-91 Principal Investigator,  
The Reorganization of The City Engineers' Office in Haifa  
Funded by Haifa Municipality
- 1989-91 Co-Principal Investigator (M. Burt),  
The Feasibility of Standard Gypsum Partitions in Israel  
funded by Israel Ministry of Housing
- 1989-91 Principal Investigator,  
The Reorganization of the Property Tax in Haifa  
funded by Haifa Municipality
- 1988 Co-Principal Investigator (R. Alterman, D. Shefer)  
The New Settlement in the Galilee - An Evaluation Study - Extension  
NIS 24,000 study funded by the Ministry of the Interior

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- 1987-88 Co-Principal Investigator (S. Czamanski)  
An Economic Development Plan for Region 2000  
NIS 120,000 funded by the Jewish Agency
- 1987-88 Co-Principal Investigator (R. Alterman, D. Shefer)  
The New Settlements in the Galilee - An Evaluation Study  
NIS 128,000 study funded by the Ministries of Interior and Housing, the Israel Lands Authority and the Jewish Agency
- 1986 Principal Investigator,  
The Feasibility of Developing Tourism in the Arab Sector in Israel  
\$30,000 funded by Koor Industries Ltd
- 1986-88 Co-Principal Investigator (H. Law-Yone),  
The Use of Multi-Tasking and Multi-User Micro Computers in the Instruction of Urban and Regional Planning Studios  
A Grant of IBM-RT computer to establish an Advanced Planning Methods Laboratory and to develop innovative teaching & research tools, funded by the IBM-Israel Research Center
- 1986 Principal Investigator,  
A Framework for Industrial Development in Region 2000  
\$50,000 project funded by the Jewish Agency, Northern District
- 1986 Principal Investigator,  
Flexible Pricing of Natural Gas in the U.S.A.  
\$80,000 project funded by the National Association of Regulatory Commissioners
- 1984-85 Principal Investigator,  
Case Studies in Arab Entrepreneurship  
\$30,000 project funded by Koor Industries Ltd
- 1983-84 Co-Principal Investigator (M. Meyer-Brodnitz)  
Employment Potential of Arab College Graduates in Israel  
\$30,000 project funded by Koor Industries Ltd
- 1982-83 Co-Principal Investigator Kevin Kelly)  
Pricing Access to Local Telephone Networks  
\$60,000 project funded by the National Association of Regulatory Commissioners
- 1981 Principal Investigator  
Benefit-Cost Methods for Evaluating Electricity Rates Reform  
\$64,000 project funded by the West Virginia Public Utilities Commission
- 1981-82 Principal Investigator  
Factors Affecting Rural Industrialization in Israel  
funded by the Jewish Agency

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- 1981 Co-Principal Investigator (Kevin Kelly)  
Benefit-Cost Analysis of Colorado Rate Reforms  
\$44,000 project funded by the Colorado Public Utilities Commission
- 1981 Principal Investigator  
The Measurement of Regulatory Incentives  
\$110,000 project, funded by the U.S. Department of Energy
- 1981 Principal Investigator  
The Introduction of Incentives in Regulation  
a technical assistance project, \$35,000, funded by the Pennsylvania Public Utilities  
Commission
- 1980 Principal Investigator  
Regulatory Performance Incentives  
\$125,000 project funded by the U.S. Department of Energy
- 1980 Principal Investigator  
Marginal Cost Pricing and Time-of-Use Rates Workshops for State Regulatory Agencies  
\$69,000 project funded by the U.S. Department of Energy
- 1979-80 Co-Principal Investigator (Kevin Kelly)  
Regulatory Performance Incentives  
Co- \$30,981 project funded by the U.S. Department of Energy
- 1979 Principal Investigator  
The Missouri Rate Reform Initiative  
\$14,837 funded by the U.S. Department of Energy
- 1979 Principal Investigator  
Economic Evaluation of Time-of-Day Electricity Pricing in Massachusetts  
\$27,252 study funded by the U.S. Department of Energy
- 1978-79 Principal Investigator  
Natural Gas Allocation Policies During Periods of Excess Supply  
\$60,000 project funded by the Public Utilities Commission of Ohio
- 1978-79 Co-Principal Investigator (J. M. Guldmann)  
Regulatory Simulation Model for Gas Distribution Systems  
\$47,000 study from the U.S. Department of Energy
- 1978-79 Co-Principal Investigator (J. M. Guldmann)  
Regulatory Simulation Model Extensions  
\$40,000 grant from the Public Utilities Commission of Ohio
- 1978-79 Co-Principal Investigator (J. M. Guldmann)  
Analysis of New Service Policies for the Columbia Gas Company of Ohio  
\$20,000 study funded by the Public Utilities Commission of Ohio

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- 1977            Principal Investigator  
Inter-fuel Substitution in Ohio's Energy Consumption  
\$10,000 grant from the Ohio Energy Resources Agency
- 1978            Principal Investigator and Co-Principal Investigator (Kevin Kelly)  
A Cost-Benefit Analysis of Experimental Usage-Sensitive Pricing of Local Telephone  
Service  
\$20,000 grant from the Public Utilities Commission of Ohio and a \$27,000 grant from  
the Public Utilities Commission of Maryland, respectively
- 1976            Principal Investigator  
The Feasibility of Gas Storage Program in Ohio  
\$38,861 study, funded by the Public Utilities Commission of Ohio
- 1975-76        Principal Investigator  
A Study of Electricity Pricing Policies for Ohio  
\$102,754 study funded by the Public Utilities Commission of Ohio
- 1974-75        Co-Principal Investigator (Paul Lande)  
Location Preferences of High Technology Industries  
\$60,000 grant from the National Science Foundation
- 1973-75        Research Associate  
Study of Impact of Industrial Complexes on Regional Economies  
National Science Foundation grant

#### **4.2 Denied (recent major proposals only)**

- 2010            Investigator,  
Land Use Change and Land Use Impact Modeling in Bio-Energy Generation  
European Cooperation in the field of Scientific and Technical Research - COST -
- 2011            Coordinator,  
We and our Cities, Agriculture and Nature  
Euro 6,829,810 Proposal submitted to the European Commission, FP7
- 2006-08        Co-Principal Investigator (with I. Benenson and Y. Shiftan),  
Toward a Sustainable Transport System – Dynamics of Transition in a World  
of Bounded Rationality  
US\$ 160,000 submitted to the Center for Complexity Science
- 2005            Principal Investigator,  
3D urban morphology  
submitted to Israel Science Foundation

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2003 Principal Investigator,  
Minerva - Israel Center for Biodiversity and Urban Dynamics  
submitted to Minerva Stiftung Gesellschaft für die Forschung

## 5. Professional practice:

### 5.1 Significant Professional Projects

2009-10 Economist,  
Economic and Regulatory Issues in Israel's Water Supply  
Israel Water Authority

2006-07 Advisor,  
Electricity Restructuring Economics  
Government Companies Authority

2005-06 Member of team,  
The future structure of the Palestinian economy and its relation to Israel  
discussions with Palestinians, representatives of the EU, the USA government

Since 2002 Founding member and director,  
Complex City Research Lab – <http://ccr.ar.technion.ac.il/>

1996-97 Advisor to the Director General  
The Future Use of Kibbutzim's Lands  
Ministry of Finance, Israel Land Authority and the Kibbutzim Economic Restructuring Inc.

1992-94 Principal Investigator,  
The Reorganization of the Electricity Industry in Israel (the Czamanski commission)  
Appointed by the late Prime Minister I. Rabin, NIS 6,000,000 project funded by  
Government of Israel as a line item in the government budget

➤ **The project resulted in the electricity law that was legislated in the Knesset**

### 5.2 Representative Professional Projects in Applied Urban Economics (Supervisory, technical activity)

2010 Office Depot Israel  
Branch Location Strategy

2010 Ace Israel  
Branch Location Strategy

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2010	City of Ashdod Strategic Economic Plan
2009-10	First International Bank Israel Branch Location Strategy
2009	Beer Sheba Municipality Strategic Plan for the Old City
2008-09	Israel Railways Economic Analyses of Economic Potential of Stations
2008	Jerusalem Municipality and Jewish Agency Economic Analyses of Binyane Hauma and the Entrance to Jerusalem
2007	Bank Leumi Analyses of New Branches
2006	City of Carmiel Master Plan for the Commercial Sector
Since 2005	IKEA Israel Analyses of Locations of Stores in Israel
2006	Aquaria Inc. Economic Program and Feasibility Analysis in Eilat
2003	Ben-Gurion University Economic Analysis of a High-Tech Park
2002-05	Club Market Store Location Strategy
2002-08	Castro Stores Stores Strategy and Analyses of Specific Locations
2002	Private Investment Bank Economic Plan for a 110 acre project in Kiyev, Ukraine
2001-02	Private Investment Bank Economic Analysis of a Hydro Power Plant in Romania
2001	Hadasah Economic Plan for a Bio-Technology Park
2001-09	Mega (Blue Square) Israel Branch Location Strategy and Individual Stores Analyses

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2000	Ministry of Trade and Industry Industrial Plan for North-West Israel
2000	Ministry of Trade and Industry Industrial Plan for Kerem Shalom Industrial Park
1999-03	The Vatican and the Carmelite Order Program and Economic Analyses of a mixed use project at Stella Maris, Haifa
1999	Ashkelon Municipality Feasibility Analysis of Old Age Housing
1998	Regional Council Gilboa Master Plan
1997-98	Moshe Aviv Inc. Economic Program and Feasibility Analysis of Office and Housing Tower in Ramat Gan (tallest building in Israel)
1997-98	Moshe Aviv Inc. Economic Program and Feasibility Analyses of Offices and Stores at Ichilov Hospital
1997	Dankner Investments, Inc. Economic Land Development Program North of Eilat
1997	Dor Energy Strategy for Dor Filling Stations
1996	Ministry of Tourism Development Plan for Central Galilee
1995	Supersol Surveys and Analyses of Economic Performance of Stores
1994-95	Paz Economic Feasibility of Commercial Facilities at Paz Gasoline Stations
1995	Municipality of Eilat Strategic Plan and Economic Analyses for the City's Master Plan
1991-94	Mashbir Analyses of Various Store locations
1990	Elite Inc. Economic Strategy for Elite Stores

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- 1989 Tiberias Municipality and Ministry of Tourism  
Economic Analyses of Tourism Facilities in Tiberias
- 1988 Mario Leznick, Inc.  
Economic Program and Feasibility Analyses of Nazereth Shopping Center
- 1987 Melissa, Inc.  
Economic Program and Feasibility Analyses of Kirion, Afula, Migdal Haemeq Shopping Centers
- 1985-86 Tzamir & Associates, Haifa  
Economic Analyses for the Kiryat Shmona Master Plan
- 1984-88 Nathaniel Lichfield & Partners and Industry Development Corporation,  
Economic Pland for "Region 2000" in Central Galilee
- 1978 Ohio State Senate Committee on Energy & Public Utilities, Columbus,  
Expert Witness on energy policies

## 6. Publications:

### 6.1 Books and Special Issues

1. Czamanski, D., Benenson, I., Malkinson, D., (eds.) *Modeling of Land-Use and Ecological Dynamics*, Berlin, Springer International Publishers, signed contract, forthcoming in February, 2014
2. Czamanski, D., Benenson, I., Malkinson, D., *Cities and Nature*, Berlin, Springer International Publishers, signed contract, forthcoming in 2014
3. Czamanski, D. and Folmer H., (eds.) *Annals of Regional Science*, Special Issue, 2011
4. Czamanski, D., (ed.), *Journal of Geographical Systems*, Special Issue, 2011
5. J. P. Prince, D. Czamanski, *World Energy: The Past and Possible Futures*, The Canadian Energy Research Institute and the Canadian Nuclear Association, Ottawa, 2005
6. Arbel, M. and D. Czamanski, *Community Neighborhoods Next to Kibbutzim*, Yad Tabenkin, Tel-Aviv, Israel, 2001 (in Hebrew)
7. Czamanski, D. *Privatization and Restructuring of Electricity Provision*, Prager, Greenwood Press 1999

8. Gomelski N., D. Simmons-Cohen & D. Czamanski, *Entrepreneurial Theory and Practice: Immigrant Opportunities*. S. Neaman Institute for Advanced Studies In Science And Technology, Haifa, Israel, 1995 (in Hebrew)
9. Trop T. and D. Czamanski, *The Willingness to Pay for the Use of Roads*, The Klutznick Center For Urban And Regional Studies, Technion - Israel Institute of Technology, Haifa, Israel, 1994 (in Hebrew)
10. Czamanski, S. & D. Czamanski, *Study of Formation of Spatial Complexes*, Dalhousie University, Halifax, Canada, 1976
11. Czamanski, S. & D. Czamanski, *Study of Clustering of Industries*, Dalhousie University, Halifax, Canada, 1975
12. Czamanski, D., *The Cost of Preventive Services: The Case of Fire Services* Lexington Books, D.C. Heath & Co., 1975

## 6.2 Refereed journal publications

1. A. Natapov, D. Czamanski and D. Fisher-Gewirtzman, "Can Visibility Predict Location? Visibility Graphs of Food and Drink Facilities in the City" accepted for publication in *Survey Review*, June 2013
2. Cohen, N., Czamanski, D., Hefez, A., "Internal migration and ethno-national minorities: The case of Palestinian Arabs in Israel" accepted for publication in *International Migration*, 2012
3. Broitman, D., Czamanski D., "Cities in competition, characteristic time and leapfrogging developers" in *Environment and Planning B*, 39:6, 2012, 1005-1118
4. Czamanski, D., Broitman, D., "Developers' choices under varying characteristic time and competition among municipalities" in *Annals of Regional Science*, 49:3, 2012
5. Broitman, D. and Czamanski, D., "A model of the emergence of urban sub-centers in the face of varying planning policies and developers' characteristics" in *URISA Journal*, 24:1, 2012
6. Marinov, M., Czamanski D. "Normative issues in the organization of modern retails in Israel" in *GeoJournal*, 77, 2012
7. Czamanski, D., Roth, R., "Characteristic time, developers' behavior and leapfrogging dynamics of high-rise buildings" in *Annals of Regional Science*, 46:1, 2011
8. van der Vlist, A., Czamanski, D. and Folmer, H., "Immigration and metropolitan housing market dynamics – the case of Haifa" in *Annals of Regional Science*, 47: 3, 2011
9. Marinov, M., Benguigui, L., Czamanski D. "The evolution and distribution of the Israeli modern retailers" in *GeoJournal*, 74:2, 2009

10. Aravot, I., Benguigui, L., Blumenfeld, E., Czamanski, D., "Studying urban development in Tel Aviv based on its morphology alone" in *Emergence: Complexity and Organization*, 11:1, 2009
11. Benguigui, L., Czamanski, D., Roth, R., "Modeling cities in 3D: a cellular automaton approach" in *Environment and Planning B*, 35(3) 2008, pp. 413-430
12. Czamanski, D., Benenson, I., Malkinson, d., Marinov, M., Roth, R., Wittenberg, L., "Urban Dynamics and Ecosystems" invited paper in *International Review of Environmental and Resource Economics*, 2, 2008, pp. 1-45
13. Benchetrit, G, Czamanski D., "Immigration and Home Ownership: Government Subsidies and Wealth Distribution Effects in Israel" in *Housing, Theory and Society*, 2008
14. Czamanski, D., Dormaar, P., Hinich, M., Serletis, A., "Episodic Nonlinearity and Nonstationarity in Alberta's Power and Natural Gas Markets" in *Energy Economics*, 29(1), 2007, pp. 94-104
15. Benguigui, L., Blumenfeld, E., Czamanski, D., "The Dynamics of Urban Morphology" in *Environment and Planning B*, 33, 2006, pp. 269 – 284
16. Benchetrit, G., Czamanski D., "The Abolition of the Public Leasehold System: Israel and Canberra" *Land Use Policy*, 21, 2004
17. Benguigui, L. and Czamanski D., "Simulation Analysis of the Fractality of Cities" *Geographical Analysis*, 36(1), 2004
18. Benchetrit, G, Czamanski D., "Is a policy of stimulating home ownership suitable for Israel" (in Hebrew) *Israeli Sociology* 6(1), 2004
19. Benguigui, L., Czamanski D. and Marinov, M., "Scaling and urban growth" *Journal of Modern Physics C* 15(7), 2004, pp. 989-996
20. Benguigui, L Czamanski D., Marinov, M., "The Dynamics of Urban Morphology: the Case of Petah Tikvah" in *Environment & Planning B*, 28, 2001, pp. 447 – 460
21. Benguigui, L., Czamanski D. and Marinov, M., "City Growth as a Leap-Frogging Process: an Application to the Tel Aviv Metropolis" in *Urban Studies*, 38(10), 2001, pp. 1819 – 1839
22. Benguigui, L., Czamanski D., Marinov, M. and Portugali, Y., "When and Where Is a City Fractal?" in *Environment & Planning B*, 27, 2000, pp. 507-519
23. Benchetrit, G. and Czamanski, D., "Land Leasing Rights Approximate Private Ownership" *Karka*, 47, 1999, pp. 12-29 (in Hebrew)
24. Mesch G. and Czamanski D., "Occupational Closure and Immigrant Entrepreneurship: Russian Jews in Israel" *Journal of Socio-Economics*, 26 (6) 1997, pp. 597-610

25. Benchetrit, G. and D. Czamanski, "The Burden And Equity Of The General Property Tax On Industry In Israel" *Economics Quarterly*, 40, 1994 (in Hebrew)
26. Carmon, N. and D. Czamanski, "Housing In Israel: From Planned Economy To Semi-Free Market Management" *Housing Science*, Vol. 16, No.1, 1992, pp. 47-60
27. Lifshits, G. & D. Czamanski, "The Socio-Economic Implications of Dispersed Settlement of the Galilee" *Economics Quarterly*, 37, 1991 (in Hebrew)
28. Karni, E., D. Czamanski & M. Burt, "A Systematic Method for Selecting Building Methods for Large Free Wide-Span Roofing" *International Journal of Space Structures*, 1990
29. Law-Yone, H., D. Czamanski & D. Gat, "Computer Aided Planning: New Tasks for the Computer", *Simulation Games for Learning*, Vol. 18, No. 1, 1988, pp. 102-107
30. Czamanski, D., "The Effect of Location Subsidies on Corporate Decisions" *Regional Science and Urban Economics*, vol. 17, 1987, pp. 411-421
31. Czamanski, D. & T. Taylor, "Dynamic Aspects of Entrepreneurship in Arab Settlements in Israel" *Geographic Horizons*, No. 17-18, 1986, pp. 125-144 (Hebrew)
32. Meyer-Brodnitz, M. & D. Czamanski, "The Industrialization of Arab Settlements in Israel" *Economics Quarterly*, 33, 1986, pp. 533-546 (Hebrew)
33. Czamanski, D. with S. Fogel, "Industrial Location and the Divorce of Ownership from Management", *Annals of Regional Science*, Vol. 19, 1985, pp. 77-86
34. Czamanski, D., "Toward a Positive Theory of City and Regional Planning" *Sistemi Urbani*, Vol. 2, 1985, pp. 115-129
35. Czamanski, D. & S. K. Mishra, "An Approach to Formulation and Evaluation of Public Policies for Regional Development" *Rajasthan Economic Journal*, Vol. VII, 1985.
36. Czamanski, D., R. Jobran, R. Hamaisi, "Employment Potential of College Graduates in Arab Settlements in Israel" *Leket*, 1984, pp. 43-44 (Hebrew)
37. Czamanski, D., "A Contribution to the Study of Industrial Location Decisions" *Environment & Planning A*, Vol. 13, 1981, pp. 29-42
38. Czamanski, D., "Some Considerations Concerning Industrial Location Decisions" *European Journal of Operational Research*, Vol. 6, No. 2, 1981, pp. 227-231
39. Czamanski, D., "Cost Control Problems under Rate-of-Return Regulation" *Modeling and Simulation*, Vol. 12, 1981, pp. 1236-1245
40. Czamanski, D., "Toward an Industrial Policy in Ohio" *Bulletin of Business Research*, Vol. 65, No. 9, 1980, pp. 5-12

41. Guldman, J.-M. & D. Czamanski, "A Simulation Model of Market Expansion Policies for Natural Gas Distribution Utilities" *Energy*, Vol. 5, 1980, pp. 1013-1043
42. Czamanski, D., "The Effects of Regulation on the Professionally Managed Utility" *Alternative Energy Sources*, Vol. 9, 1980, pp. 159-174
43. Czamanski, D. & J.-M. Guldman, "The Analysis of New Service Policies in Ohio with the Help of the Regulatory Simulation Model for Gas Distribution Utilities" *Bulletin of Business Research*, Vol. 60, No. 2-3, 1979, pp. 1-8
44. Czamanski, D. & S. Czamanski, "Industrial Complexes: Their Typology, Structure and Relation to Regional Development" *Papers of the Regional Science Association*, Vol. 38, 1977, pp. 93-112
45. Czamanski, D. & P. S. Lande, "Modeling Optimal Industrial Complexes for Regional Growth". *Modeling and Simulation*, Vol. 6, 1975, pp. 1169-1174

#### **6.4 Other papers**

1. Czamanski, D., "Simulation in Regional Science – Complexity Research Lab: Experimenting with Cities", *The Newsletter of the Regional Science Association International*, new series 10, November 2013
2. Czamanski, D., Folmer, H., "Some new methods in Regional Science" *Annals of Regional Science*, 47: 3, 2011, introduction to a special issue

#### **6.5 Submitted papers under review**

1. Blumenfeld-Lieberthal, E., I., Aravot, L. Benguigui, and D. Czamanski, "Socio-Economics, Politics and the Built Environment; the Case the Tel Aviv Metropolis" submitted to *Urban History*
2. A. Natapov, D. Czamanski and D. Fisher-Gewirtzman, "Visibility of urban Functions Within Street Network" submitted to *Environment and Planning B*
3. Broitman, D., Czamanski D., "Bursts and avalanches – the dynamics of polycentric urban evolution" submitted to *Environment and Planning B*

#### **6.5 Fully refereed publications (conferences)**

1. Timilsina, G., J. P. Prince, D. Czamanski and N. LeBlanc, "Impact of Crude Oil Production from Alberta's Oil Sands on the Canadian Economy". ECOMOD conference, Sharm-al-Sheikh, 2005
2. Czamanski, Daniel, "Introduction". Proceedings of the Second Biennial Regulatory Information Conference, 1980

3. Czamanski, Daniel, "Introduction", Papers and Proceedings of the First Israel Regional Science Association Conference, part of *Geographic Horizons*, 1987 (Hebrew)
4. Czamanski, Daniel & Jean-Michel Guldmann, "Regulatory Simulation Model for Gas Distribution Utilities". Proceedings of the First Biennial Regulatory Information Conference, 1978

## 6.6 Fully refereed book chapters

1. Matthies, S., Kopel, D., Rüter, S., Toger, M., Prasse, R., Malkinson., D. and Czamanski.,D., in Czamanski, D., Benenson, I., Malkinson, D., (eds.) *Modeling of Land-Use and Ecological Dynamics*, Berlin, Springer International Publishers, signed contract, forthcoming in February, 2014.
2. Cohen, N., Czamanski, D., "Internal migration of ethno-national minorities: the case of Arabs in Israel" in Nissa Finney and Gemma Catney (eds.) *Minority Internal Migration in Europe*, Ashgate, 2012.
3. Jabareen, Y. Ismail, Sh., R. Halabi, H. Kittani, A. Sahly, S. Saadi, Y. Awad, D. Czamanski, N. (Kaliner) Kasir, I. Telhami, I. Tamir., "The Employment of Arabs in Israel: The Challenge of the Israel Economy" in 18th Caesarea Economic Policy Planning Forum, Jerusalem: The Israel Democracy Institute, 2010 (in Hebrew)
4. Blumenfeld-Lieberthal, E., Benguigui, L. Czamanski, D. "Metropolis with No Borders", *El Hama'ayan: The Yarkon Stream as a Cross Section in the Israeli Metropolis*, Tel Aviv Museum, 2005 (in Hebrew)
5. Mesch, G. and Czamanski, D. "Occupational Closure and Immigrant Entrepreneurship: Russian Jews in Israel". in Y. Samuel and I. Harpaz (eds.), *Work and Organizations in Israel*. Transaction Publishers, New Brunswick, N.J. 2004
6. Czamanski, D., "Industrial Location under Rate of Return Regulation and the Separation of Ownership from Management" in F. Dietz, W. Heijman and D. Shefer (eds.), *Location and Labor Considerations for Regional Development*, Avebury Press, Aldershot, 1991
7. Carmon, N., & Czamanski, D., "Housing Policy And Practice in Israel" in Willem Van Vliet (ed.), *International Handbook of Housing Policies and Practices*, Greenwood Press, New York, 1990
8. Czamanski, D., "Flexible Pricing of Natural Gas in the U.S.A." in J. Stephen Henderson (ed.), *Current Problems in the Regulation of Energy Utilities*, The National Regulatory Research Institute, The Ohio State University, 1988, pp. 34-68
9. Czamanski, D., "Spatial Variations in Business Formations and Expansions". in G. Bazzigalupi, R. Cappellin et.al (eds.), *Regional Industrial Restructuring*, 1987, pp. 62-81
10. Czamanski, D., Meyer-Brodnitz, M., "Industrialization in Israel's Arab Villages" in Rafael Bar-El (ed.) *Rural Industrialization in Israel*, The Westview Press, Boulder, Colorado, 1986

11. Smith R., W. Jr., Czamanski, D. & Strikwerda, R., "Technological Change and the Issue of Social Justice" in Robert Smith (ed.,) *Technological Change in U.S.A., Japan and Germany*, Batelle, Columbus, 1986, pp. 279-292
12. Czamanski, D., "Some Urban Economics for Planners" in *Manual for the AICP Exams*, American Planning Association, 1983 , pp. 127-141

## 6.7 Working papers

1. Timilsina, G., Czamanski, D., and Prince, P., "Renewable Energy Technology in Canada: Current Status and Future Prospects" CERI Working Papers on Energy, Environment and Economy, Number 6, 2005
2. Benchetrit, G. and Czamanski, D., "Government Involvement in the Housing Market" The Klutznick Center For Urban And Regional Studies, Technion - Israel Institute Of Technology, 2002
3. Czamanski D. and Marinov, M. "Towards An Infrastructure Policy Consensus and A National Capital Outlay Budget 2000-2010" Neaman Institute, Technion, 2001
4. Benguigui, L., Marinov, M. and Czamanski D., "City Growth as a Leap-Frogging Process: an Application to the Tel Aviv Metropolis" The Klutznick Center For Urban And Regional Studies, Technion - Israel Institute Of Technology, 1998
5. Simmons-Cohen D. and Czamanski D., "The Effectiveness of Small Firm Support: An Israeli Case Study" The Klutznick Center For Urban And Regional Studies, Technion - Israel Institute Of Technology, 1995
6. Ben-Shahar T. and Czamanski D., "The Potential for Privatisation of Municipal Services" The Klutznick Center For Urban And Regional Studies, Technion - Israel Institute Of Technology, 1994
7. Benchetrit, G. and Czamanski D., "The Burden and Equity of the General Property Tax on Industry in Israel" The Klutznick Center For Urban And Regional Studies, Technion - Israel Institute Of Technology, 1993
8. Bahat, S. and Czamanski D., "Factors That Promote and Delay Entrepreneurship in Development Towns In Israel" The Klutznick Center For Urban And Regional Studies, Technion - Israel Institute Of Technology, 1993
9. Czamanski D. and Taylor T., "Some Spatial Aspects of Entrepreneurship and Development" The Klutznick Center For Urban And Regional Studies, Technion - Israel Institute Of Technology, 1993
10. Carmon, N. and Czamanski D., "Housing in Israel: From Planned Economy to Semi-Free-Market Management" The Klutznick Center for Urban and Regional Studies, Technion - Israel Institute Of Technology, 1990

11. Henderson, S.J. & Czamanski, D., "Rate of Return Regulation of Expense Preference Managers" Working Paper No. 60, Economics Dept., The Ohio State University, 1984, pp. 28
12. Czamanski, D. , Eger, M., & Shinaan, L., "Toward an Analysis of Rural Industrialization" Settlement Study Centre, Rehovoth, 1984, pp. 28
13. Czamanski, D., "A Test of an Economic Theory of Regulation" Center for Urban & Regional Studies, Technion, 1981

## 6.8 Fully refereed reports

1. D. Czamanski and M. Marinov, *On Public Utility Regulation*, Jerusalem, Van Leer Institute, 2012
2. Ayres, M., Brereton B., Czamanski, D. and Penman, A. *Generation Capacity Issues in Deregulated Markets: A Canadian Perspective*, Calgary, Alberta: Canadian Energy Research Institute, March 2004
3. Daniel Czamanski, *The Promotion Of Arab Entrepreneurship*. The Florsheimer Institute For Policy Studies, 1993
4. Mount-Campbell, Clark, Daniel Czamanski et al., *Some Issues Concerning the Pricing of Access to Local Telephone Service*. The National Regulatory Research Institute, 1983
5. Profozich, Russel J., Daniel Czamanski et al., *Electric Utility Time-of-Use and Interruptible Rate-Making and Power Pooling Issues in Colorado*. The National Regulatory Research Institute, 1982
6. Czamanski, Daniel & Veena Khana, *A Test of Expense Preference under Rate of Return Regulation*. The National Regulatory Research Institute, 1981
7. Czamanski, Daniel & J. Stephen Henderson et al., *Regulation as a System of Incentives*, The National Regulatory Research Institute, 1980
8. Czamanski, Daniel & Abram E. Hoffman, *User's Manual for the Massachusetts Electricity Analysis Package*, The National Regulatory Research Institute, 1979
9. Czamanski, Daniel & Abram E. Hoffman, *The Missouri Rate Reform Initiatives: A Case Study in Regulatory Innovation*, The National Regulatory Research Institute, 1978
10. Czamanski, Daniel & Jean-Michel Guldmann, *The Allocation of Increasing Gas Supplies in Ohio*, The National Regulatory Research Institute, 1978
11. Czamanski, Daniel, J. Stephen Henderson & Kevin A, Kelly, *The Benefits and Costs of Gas Storage Development in Ohio*, Public Utilities Commission of Ohio, 1977
12. Czamanski, Daniel, J. Stephen Henderson & Kevin A. Kelly, *Electricity Pricing Policies for Ohio*, Public Utilities Commission of Ohio, 1976

13. Czamanski, Daniel & Paul S. Lande, *From the University of the Community: The Impact of University Capital Improvements on Ohio Communities*. Ohio Board of Regents, 1975
14. Riordan, Courtney, Gordon Jacobs & Daniel Czamanski, *The Economic Impact of Locating a Nuclear Power Plant on Lake Cayuga*. Center for Housing & Environmental Studies, Cornell University, 1971

#### 6.9 Published reports

1. N. Carmon, H. Law-Yone, G. Lipshits, S. Amir, D. Czamanski, B. Kipnis, *The New Settlements In The Galilee - An Evaluation Study*, 1990 (Hebrew)
2. Meyer-Brodnitz, Michael & Daniel Czamanski, *A Strategy for the Development of the Arab Sector in Israel*. Koor Industries, 1985 (Hebrew)
3. Meyer-Brodnitz, Michael & Daniel Czamanski, *Arabs in Region 2000*. Nathaniel Lichfield & Partners, Jerusalem and London, 1984
4. Czamanski, Daniel & Michael Meyer-Brodnitz, *The Economy of Region 2000 in the Year 2000*. Nathaniel Lichfield & Partners, Jerusalem and London, 1984
5. Czamanski, Daniel, Raymond Jobran & Rassem Hamaisi, *Employment Potential of Israel's Arabs with College Degrees*. Center for Urban & Regional Studies, Technion 1984 (Hebrew)
6. Czamanski, Daniel, M. Eger & L. Shinaan, *Factors Affecting Rural Industrialization in Israel*, Settlement Study Centre, Rehovoth, 1982
7. Czamanski, Daniel & Timothy Biggs, *A Simple Method for Computing some Benefits and Costs of Time-of-Use Rates*. The National Regulatory Research Institute, 1981
8. Czamanski, Daniel, Jean-Michel Guldmann, J. Stephen Henderson, Joseph Leverich, Barry Mitnick, *A Study of Regulation through Performance Incentives*. The National Regulatory Research Institute, 1980
9. Czamanski, Daniel, *The Implementation of a Target Industries Program in Ohio*. Department of Economic and Community Development, State of Ohio, 1980
10. Czamanski, Daniel, Allen G. Buckalew & Karl A. McDermott, *Towards an Analysis of Telephone License Contracts and Measured Rates*. The National Regulatory Research Institute, 1979
11. Czamanski, Daniel & Emile Snijders, *Extension of the Regulatory Simulation Model: Financial Analysis*. The National Regulatory Research Institute, 1979
12. Czamanski, Daniel & Surrinder Aggarwal, *Extension of the Regulatory Simulation Model: Consumption Analysis*. The National Regulatory Research Institute, 1979

5 November 2013

13. Czamanski, Daniel, Robert Kurth, Jean-Michel Guldmann & Emile Snijders, *A User's Manual for the Regulatory Simulation Model*. The National Regulatory Research Institute, 1979
14. Czamanski, Daniel, Kevin A, Kelly & J. Stephen Henderson, *Ohio Energy Use, 1920-77*. Ohio Energy and Resource Development Agency, 1977
15. Czamanski, Daniel & Steven I. Gordon, *Economic and Environmental Impacts of I-26 on New Albany, Indiana*. New Albany City Planning Commission, 1976

## 7. Conferences:

### 7.1 Plenary/invited talks

- |      |   |
|------|---|
| 2005 | Visionary speaker,<br>Asian Nuclear Power Conference, Hong Kong, July                                   |
| 2005 | Key note speaker,<br>Annual Electricity Conference, Canadian Energy Research Institute, Calgary, Canada |
| 2004 | Key note speaker,<br>Annual Electricity Conference, Canadian Energy Research Institute, Calgary, Canada |

### 7.2 Organization

- |      |  |
|------|--|
| 2013 | Member of scientific committee,<br>European Regional Science Congress, Palermo, Italy  |
| 2013 | Member of the organizing committee,<br>International Meetings of the American Real Estate and Urban Economics Association,<br>Jerusalem  |
| 2012 | Member of scientific committee,<br>CAMUSS, the International Symposium on CA Modeling for Urban and Spatial Systems,<br>Oporto, Portugal |
| 2012 | Organizer,<br>Cities and Nature, an international workshop, Haifa, Israel  |
| 2010 | Member of local organizing committee,<br>International Geographical Union, Commission on Modeling Geographical Systems,<br>Tel Aviv      |
| 2010 | Member of scientific committee,<br>European Regional Science Congress, Member of scientific committee,<br>Sweden                         |

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- 2010 Member of scientific committee,  
PLiC - Public Life in the In-Between-City,  
Israel
- 2009 Session Chair  
a possible new power plant for Israel,  
Sderot Conference
- 2009 Program committee member,  
3<sup>rd</sup> International Cartographic Association Workshop,  
Tel Aviv
- 2009 Member of scientific committee,  
European Regional Science Congress,  
Lodz, Poland
- 2007 Member of scientific committee,  
European Regional Science Congress,  
Liverpool, UK
- 2008 Co-organizer (with Henk Folmer)  
Dutch-Israel Regional Science Workshop,  
Jerusalem
- 2007 Organizer of 8 sessions  
Regional Science and Complexity workshop at the Annual European Regional Science  
Congress,  
Paris
- 2005 Member of the Scientific Committee  
International Conference on Energy, Environment and Disasters,  
Charlotte North Carolina, USA (under the auspices of UNESCO, ISEG and GADR)
- 2005 Chair,  
Annual North American Electricity Conference, the Canadian Energy Research Institute,
- 2004 Chair,  
Annual North American Electricity Conference, the Canadian Energy Research Institute,
- 1991 Member of the organizing committee  
The round table conference of the Israeli and English Regional Science Associations,  
Shefaiim
- 1988-89 Member of the organizing committee  
3rd World Congress of the International Regional Science Association  
Jerusalem

1986, 1987 Organizer  
Israel Regional Science Association  
first and second annual conference

### **7.3 Presentations at major conferences (recent years only)**

- 2010 “Characteristic time, developers’ behavior and leapfrogging dynamics” North American Regional Science Conference, Denver, USA
- 2010 “Characteristic time, developers’ behavior” European Regional Science Congress, Jönköping, Sweden
- 2010 “Characteristic Time, Competition among Municipalities, Developers' Behavior and 3D Urban Morphology” Third HU-TAU-TECHNION-UCLA-UBC Real Estate and Urban Economics Workshop, Jerusalem
- 2009 “Spatial Dynamics and Urban Open Spaces” European Regional Science Congress, Lodz, Poland
- 2009 “Spatial Dynamics and Nature” FIG - International Federation of Surveyors Congress, Eilat
- 2008 “Housing Market Dynamics” European Regional Science Congress, Liverpool, England
- 2008 “3D Urban Spatial Dynamics” Israel-Dutch International Regional Science Workshop, Jerusalem
- 2007 “Non-linear Urban Spatial Dynamics” Western Regional Science Conference, Newport, California, USA
- 2007 “Spatial Dynamics of High-Rise Buildings” Israel-British International Regional Science Workshop, Ramat-Gan
- 2007 “Characteristic Time and 3D Urban Morphology” Second HU-TAU-TECHNION-UCLA-UBC Real Estate and Urban Economics Workshop, Tel Aviv
- 2008

### **7.4 Participation (attending)**

Since 1974 I attended every year at least 2 conferences and/or international workshops of the Regional Science Association in North America and in Europe

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## 8. Service:

### 8.1 To the Faculty

2010, 2012	committee member Azrieli Prize
2010-2012	Committee chair Balaban – Blas Research Awards
2010 1986-89 and 1996-98	Member Library Committee
2000-02 and 2005-2012	Member, Public Committee, P. K. Hoenich Gallery
Since 2010	Member Faculty Development Committee
Since 2005 2000-2002	Member Faculty Promotions Committee (Mechina)
2005-2013	Committee Member graduate program in Architecture
2000-2002	Committee Member graduate program in Industrial Design
Since 1987	Member, Transportation Research Center
1985-86	Member Scholarships Committee
Since 1985	Member of Steering Committee Klutznick Center for Urban & Regional Research
1985-88 and 1996-97	Member Computer Committee
Since 1983	Member, Steering Committee of the City and Regional Research Center

## **8.2 To the university**

- 2011-12 Representative  
Technion Faculty Organization
- 2010-12 Judge,  
Technion Faculty Disciplinary Court
- 1988-91 and  
2010-12 Judge,  
Internal Disciplinary Court of the Technion
- Since 2006 and  
2001-02 Representative of the Faculty of Architecture & T.P. in  
Technion Senate
- 1992-94 Chief Executive Officer  
Technion Land Development Inc

## **8.3 To government agencies**

- 2012-13 Member  
Israel Council for Higher Education,  
Committee to Evaluate a New Program in Real Estate at Netanya College
- 1996-03 Deputy Representative of the Technion  
the National Planning Board
- 1994-96 Representative of the State of Israel  
the National Association of Regulatory Utility Commissioners
- 1997-98 Member of Professional Committee  
Sustainable Energy Policies, Israel Ministry of Environmental Quality

## **8.4 To the public**

- 2010-13 Member of the Board of Trustees, Member of the academic committee and of the  
academic steering committee  
Western Galilee College
- 2009 Member of the Board of Directors  
2010 The Organization of Handicrafts and Industry in Haifa and the North

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Since 2008	Founding Member Israeli-Palestinian Chamber of Commerce
Since 2007	Co-founding director of an NGO Carmel Center for Contemporary Art and Gallery
1997-98	Co-Director, Teens For Tzedek, Joint Boston - Haifa Charitable Organization,
1995-97	Member of the Board of Directors, Haifa Branch, Junior Achievement of Israel
1997-03 and Since 2008	Member of the National Public Board Junior Achievement of Israel
1994-96	Member of Haifa Mayor's Economic Advisory Committee
1992-03	Member of Steering Committee
2001-10	Coordinator of Economics Subcommittee
2001-03	Deputy Chairman
2003-10	Member of the Founders Committee Boston Jewish Community – Haifa Partnership
1991-93	Chairman of the Board of Directors
1993-94	Member of the Board of Directors
1994-97	Chairman of the Board of Directors
1997-01	Member of the Board of Directors
2005-06	Member of the Board of Directors Haifa Center for the Promotion of Entrepreneurship (MATI)
1991	Member joint committee to improve the functioning of downtown Haifa Haifa Chamber of Commerce and the Faculty of Architecture and T.P.
1991-94	Chairman Public Committee to Determine the Municipal Boundaries of Arabe (appointed by the Interior Minister)
1989-95	Founder and Chairman "Pro Haifa" a non-profit public service corporation
1987-88	Member Jewish Federation Mission from San Francisco to Kiryat Shmona of the Economic Development Committee
1983-89	Member of the Land-Use Plan Committee

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1986-87      Chairman of the Land-Use Plan Committee  
The Society for Beautiful Israel, Haifa Branch

## **9. Honors and awards**

2001      Award of special contribution to the Haifa Center for the Promotion of Entrepreneurship  
- JDC – Israel

2001      Founding members' award - MATI Haifa

2002      Travel Award to Canada to study regional development policies - the Canadian  
Government

1983      First Award of Outstanding Contribution - the National Regulatory  
Research Institute, the Ohio State University

1976      Midwestern Universities Council on International Affairs - Travel grant for presenting a  
paper at the European Meeting of the Int'l Regional Science Association, Copenhagen

1971-72      Syracuse University - Resources for the Future Fellowship

## **10. Memberships (in professional organizations)**

2012-14      Member of the Council (councilor-at-large)  
Regional Science Association International

Since 2008      Commission on Modeling Geographical Systems of the International Geographical Union

1998-2010      Israel Economics Association

1979-81 and  
2003-07      International Energy Economists Association

1978-80      American Association for the Advancement of Science

Since 1985      Israel Geographic Association

Since 1985      Israel Environmental Association

Since 1985      Israel Regional Science Association (founding member & member of Steering  
Committee, Secretary 1992-2004)

1972-1992      American Economic Association

5 November 2013

Since 1971      Regional Science Association - International