Inter-Institutional Policy Simulator Project fonds

Originally compiled 1986 Revised by Syr Reifsteck (2017)

Last Revised June 2017

University of British Columbia Archives





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Fonds Description

Inter-Institutional Policy Simulator Project fonds. – 1969-1976. 4.18 m of textual records.

Administrative History

Established in 1970, the Inter-Institutional Policy Simulator represented a joint project by four levels of government and the University of British Columbia to construct computer interactive models of the Vancouver urban region. The project, housed at UBC in the Resource Science Centre, was designed to assess the impact of potential changes in a simulated environment. Initially intended to continue for five years, funding problems and internal disagreements amongst the participants, put the project behind schedule and the Federal Ministry of State withdrew its support in 1974. Although the model was never employed as envisioned, the remaining partners agreed to complete the documentation of the user and programming manuals for each model and system.

Scope and Content

The fonds consists of alphabetically arranged subject files from the IIPS Office during its run as well as numerically arranged working papers and technical reports. Other material includes reports and publications growing out of the project. The IIPS project was overseen and guided by a core group of stakeholder and interested members and a research group. Minutes, correspondence, and research by these groups are represented in the fonds. The project's simulation was composed of many sub-models coded and theorized by many committees. These committees and their respective sub-models generated various reports, research materials, minutes and correspondence over the span of the project.

Notes

Title based on the contents of the fonds.

Acquired by the University Archives in 1976.

File list available.

Series Descriptions

IIPS Administration Series - 1969-1976.

2.64m of textual records.

The series consists of records related to the administration, management, finances and organization of the IIPS project. Materials consist of correspondence, budgets, correspondence with partner and potential partner organization, committee and core group minutes, and research materials for the various committees and teams.

Working Papers Series – 1970-1974.

42cm of textual records.

The series consists of the working papers of IIPS and IIPS project members. Paper topics include simulation modelling, ecology, insights derived from the IIPS Research, and the like.

Year End Reports Series – 1971-176.

19cm of textual records.

The series contains the year end reports from the five years of the IIPS project as well as the final report. It also includes some correspondence related to the production of the reports.

Technical Reports Series – 1971-1974.

48cm of textual records.

The series consists of technical reports related to the workings and issues of the various IIPS sub-models, programs, theories and operations. Reports vary in length, topic, and level of sophistication. This series is where how IIPS was to work and is theorized are documented.

Internal and External Reviews Series - 1972-1974.

29cm of textual records.

The series contains materials related the various internal reviews IIPS conducted as well as the major external review towards the end of the project. Both the review documents themselves and reports to the review committees are represented. Reviews contain feedback, discussion, and summary.

IIPS Promotions and Outreach Series - 1971-1974.

16cm of textual records.

The series includes materials generated through outreach by and promotion of the IIPS project. It contains brochures, workshop outlines, slideshow notes, and plans of demonstrations to various organizations.

File List

BOX 1

IIPS ADMINISTRATION

1-1	Admin – Personnel – Holidays – Salaries 1973-1974
1-2	Ad Hoc Committee May 1972
1-3	Advisory Committee 1970-1974
1-4	Air Quality subgroup 1972
1-5	Application for Research Grant Form 1970
1-6	Michael Barnes B.B.C. 1972-1973
1-7	The Baxter-Ash Committee 1972
1-8	B.C. Medical Centre 1974
1-9	B.C. Research 1970-71
1-10	B.C. Telephone Co. 1970-1971
1-11	Bell Northwest Research 1970-1971
1-12	IIPS Budget 1971 – 1974
1-13	Miscellaneous – pending 1974
1-14	Budget Requests – City, Ford Foundation, Urban Affairs 1972-1973
1-15	City & GRVD – Budgets/Statements 1973-1974
1-16	Capital Service Facilities Subgroup – Malcom Turner 1971-1973
1-17	Canada Council 1971

1-18 Central Mortgage and Housing Corporation 1970-1971 1-19 City of Vancouver 1971-1974 Communications, Dept. of 1971-1972 1-20 1-21 Communications, Dept. of 1974 1-22 City of New Westminster 1973 1-23 B.C. Hydro 1971-1974 1-24 City – M. Egan 1974 1-25 Communications Committee Notes 1972-1973 1-26 Computer Use – Monthly Statements 1972-1975 1-27 Community Information Systems 1972-1974 1-28 Computer Graphics 1971-1973 1-29 Consultants 1974 1-30 Core Group July 4 1973- December 1973 1-31 Core Group Minutes January 1974 1-32 Diary Files Jan 1974-Oct 1974 Core Group – Finance Committee 1972 1-33 1-34 Core Group - January 1973-July 1973 BOX 2 2-1 Dustfall Monitoring Project 1972 2-2 External Technical Review of IIPS 1972 2-3 Ecology 500

2-4 Economic Council of Canada 1971-1974 Economic Subgroup 1972 2-5 2-6 Environment & Land Use Committee 1974 2-7 Enquires 1972-1974 2-8 Environmental Model 2-9 Federal – Health, Welfare & Social Affairs Committee 1974 2-10 Federal Government Departments Summer 1971 2-11 Film of IIPS 1973-1974 2-12 Flowcharts 1972-1974 2-13 Ford Foundation – Conf. Papers and duplicates 1971 2-14 Ford Foundation 1970-1975 2-15 **UBC** Forest Firm Simulator 2-16 Gaming Simulation 1971 2-17 GIDS 1973-1974 2-18 Grandview-Woodland 1972 **Granting Agencies** 2-19 1970-1971 Greater Vancouver Regional District 1972-1974 2-20 **GVRD** Duplicate Papers 2-21 2-22 GIDS potential users 1974

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Habitat '76 1974

2-24	Hawaii environmental simulation lab 1973-1974
2-25	Henry, Wally 1971-1974
2-26	Historian 1972-194
2-27	Housing Models 1971
2-28	Human Ecology Subgroup 1971-1974
2-29	Quick Interactive Models 1971-1973
2-30	I.A.R.E.[institute of animal research ecology] 1970
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3-3	Information Canada 1973
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3-5	Interface – Land use 1972
3-6	Internal Review November 20-29 1972
3-7	Land Use Modeller – Search 1973-1974
3-8	IIPS Land Utilization subroutine 1970-1974
3-9	Key Permits Etc . 1974-1975
3-10	Leap Programme Development 1972
3-11	Lists
3-12	Local Government 1972-1094

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         Local Initiatives Program 1972
3-14
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         MSUA Format for Cabinet Documents
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4-3
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4-11 PNE 1974 BOX 5 5-1 Policy Committees – GVRD 1973 Policy Objectives & Policy Means – GVRD 1973 5-2 IIPS Policy Document 1971 5-3 5-4 Policy and Planning Subgroup 1972 5-5 Pollution Research 1972 5-6 Project Coordinator 1971-1974 5-7 Project Plan Development 1974 5-8 Provincial Government Depts. 1971-1973 5-9 **Recreational Property** 5-10 REM – Conference Hawaii 1973 5-11 Reference Lists 1971 5-12 REID, Patrick 5-13 Research Coordinating committee June 1972 Research Group 5-14 RSC [Resource Science Centre] Year End Report 1971-1972 5-15 5-16 Rockerfeller Bros. Fund 1974 5-16 Robinson, Marshall 1974 5-17 Ross, Wally

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6-3	San Diego County Environmental Development Agency 197
5-4	Shift-share 1971
6-5	Simon Fraser University 1970-1971
6-6	Social Planning 1970
6-7	Social Indicators 1971
6-8	Students – Prospective Post-doctorals 1971-1973
5-9	Solid Waste Subgroup 1973-1974
6-10	Subgroup Chairmen 1971-1973
6-11	Supervisor Systems 1972
6-12	Staff and Organization 1970-1972
6-13	UBC – Bill Armstrong 1974
5-14	Transportation 1972-1974
6-15	Urban Affairs Committee 1971
6-16	Urban Land Economics
6-17	Urban Models 1972
6-18	Confex "Urbanarium" 1969
5-19	Volunteers 1972

6-20	User's Programme 1973-1974
6-21	Vancouver Foundation 1972
6-22	Vancouver Free University
6-23	VUSP 1972
6-24	Water Quality 1970-1972
6-25	Woodside – confer 1974
6-26	Workshop 1972-1973
6-27	Visitors 1971-1973
6-28	Westwater 1974
6-29	World Microcosm Project 1970
6-30	[Subgroup Totals] 1975
6-31	Jeffery Stander 1971
6-32	David Baxter 1970-1972

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WORKING PAPERS

6-33	"An Evaluation of the Interaction Between Urban Transport and Land Use Systems" 1972
6-34	"Quality of Life – and Urban Simulation Models: IIPS" 1972
6-35	Book Review – The Limits to Growth 1972
6-36	Resource Science: The Nurture of An Infant

6-37	Papers: M.A> Goldberg & H.C. Davis "Combining Shift-Share and Intersectional Flows Techniques" 1971
6-38	"An Inter-Institutional Policy Simulator – The last of the dinosaurs or the first of the primates?" 1971
6-39	IIPS Research Program Outline and Schedule 1971-1974
6-40	Introductory Notes on Simulation Models 1971
6-41	4 th Annual Report to the Ford Foundation on Resource Science Programme 1972
6-42	Blind-Man's Bluff Exploring the Response Space Generated by Realistic Ecological Simulation Models
6-43	International Symposium on Math-Modelling Techniques in Water Resources Systems – Ecological Models: A Status Report 1972
6-44	The Nurturing of an Infant
6-45	Toward an Urban Ecology 1971
6-46	Principles of Simulation
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7-1	Ecological Concepts of Health Care Planning 1972
7-2	Correlates of Natural and Urban Systems 1970
7-3	Correlates of Natural and Urban Systems 1970
7-4	A General Systems Framework for Social Systems 1973
7-5	An Approach to Modelling Urban Growth and Spatial Structure 1973
7-6	Aspects of Canadian Immigration '51-'71 1973.
7-7	RFK[Robert F Kelly] – Letterhead

7-8	Social Dimensions – To Model or Not Model? 1973.
7-9	"An Urban System Simulation" UBC Management Seminar 1972
7-10	Social Dimensions – To Model or Not Model? Or Model? 1973.
7-11	RFK – Senate Committee
7-12	"Housing Employment and Land Use: A regional Simulation Model" 1973
7-13	A Note on Cost-Return Calculations & Decisions to Migrate
7-14	Land Tenure and the Rural Exodus in Latin America 1973
7-5	Rural-Urban transition & Reproductive Behavior: AN Analytical Framework 1973
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8-1	Mobility and Immobility of Low-Income Farmers: Aspects of Decision Making
8-2	Models, Policy and People 1972
8-3	ON Technology & Resource Management Decisions 1973
8-4	RFK [Robert F Kelly] Personal 1971-1073
8-5	HASM [Human Activates Systems Model] Progress Report 1974
8-6	Modelling Metropolitan Population Growth and Change: The IIPS Simulator 1973
8-7	Simulating A Complex Urban System 1974
8-8	RFK Int. Con. On Systems Sciences 1973

Working Papers – Continued.

ANNUAL REPORTS

8-9	Second Year Report Original 1972
8-10	IIPS Report Cover Master
8-11	Air Quality Original 1972
8-12	Dan Phelps Copy Letters 1971
8-13	Ian Banks Pert Chart Appendix D in Year End Reports
8-14	Original of First Year Report 1971
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8-16	Core Group Minutes and Agenda April 1972
8-17	Core Group Minutes and Agenda January to March 1972
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9-5	Diary File July-September 1971
9-6	Diary File October-December 1971
9-7	Diary File January-March 1972
9-8	Diary File April-June 1972

9-9 Diary File July-October 1972 9-10 Diary File November-December 1972 9-11 Diary Files August-December 1973 9-12 Diary File January-July 1973 9-13 Research Programme Outline 1971-75 9-14 Atlantic College 1971 9-15 Batelle Seattle Research Center 1970 9-16 VRIPS Description 1970 9-17 Canada Council Grant Application 1971 9-18 Research Proposals 1971-1972 9-19 Research Committee March 1971 – March 1972 9-20 Core Group – Correspondence 1971 9-21 Core Group September-October 1972 9-22 Core Group – Yelllowpoint Retreat 1972 9-23 Core Group Minutes 1972 BOX 10 10-1 Core Group Meetings and Agenda July – August 1972 10-2 Yellowpoint & Ad hoc committee Report 1972 10-3 Core Group Meetings and Agenda June 1972 10-4 Core Group Meetings Minutes and Agenda Sept-Dec 1971

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10-6	Ford Foundation Original Proposal for Resource Science Center and IIPS 1968
10-7	"The Proposal" 1970
10-8	Core Group Meetings Minutes and Agenda January-March 1971
10-9	Core Group Meetings Minutes and Agenda May-December 1970
10-10	IIPS Correspondence Jan-Dec 1970
10-11	IIPS Correspondence and notes 1969
10-12	Information Requested 1970-1972
10-13	Resource Ecology 500 2 nd Essay October 1970
10-14	Resource Ecology 500 Initial Essay
10-15	IIPS Writers 1972
10-16	Canadian Council of Resource Ministers Conference 1973
10-17	Environmental Atlas
10-18	Miscellaneous Papers 1972
10-19	Ecology of the Future Zoology 500 1971
10-20	Canal Study Panama & Suez 1969
10-21	Toronto Islands 1969
10-22	Opportunities for Youth 1972

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TECHNICAL REPORTS

10-23	Computer Instructions Girls & IIPS Models 1972
10-24	Simsup 1973
10-25	An Operational Multi-Jurisdictional Model of Van.'s Local Public Sector 1971
10-26	Local government Sub-model 1971
10-27	Vancouver Regional Health Planning 1971
10-28	AN Approach for A Working Relational Data System 1973
10-29	File Structures and Access Methods for A Geographic Information Retrieval System 1973
10-30	Natural Information Systems Project 1972
10-31	The Noise Model Problem 1972
10-32	Air Pollution Sources in the Lower Mainland Region 1971
10-33	A supervisor to monitor multiple simulators 1973
10-34	Graphics * Information Retrieval for Large Scale Simulations – A virtual Data System 1973
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11-5	Appendix G-5 Models & Systems Documentation Economics Sub model 1973
11-6	Appendix G-6 Models & Systems Documentation Trans. Model 1973
11-7	Appendix G-7 Models & Systems Documentation Transup-User's Guide 1973
11-8	Appendix G-8 Models & Systems Documentation Capital Facilities 1973
11-9	Appendix G-9 Models & Systems Documentation Fraser River Water Quality Model 1973
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11-15	Appendix G 15 The Command Manual for the Geographic Information and Display System 1973
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13-7	Intra-Urban Truck Movements City of Vancouver 1974		
13-8	Local Government Model – Present and Future Work. 1974		
13-9	Solid Waste Model 1974		
13-10	Land Use Version 1 1974		
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13-15	The Capital Facilities Model Cost Estimation 1974		
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13-25	Public Finance: Programmers Guide 1974
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14-42	Inter-metropolitan Migration in Canada 1973		
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