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Philip H. Byer fonds
B2013-0002

Tys Klumpenhower, 2014

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Biographical note

Philip H. Byer was born on January 16th, 1948 in Washington, D.C.. Byer received his Bachelor of Science (1970), Masters of Science (1972), and his Doctor of Philosophy (1975) from the Massachusetts Institute of Technology before joining the Department of Civil Engineering at the University of Toronto in 1975, where he lectured until 2011. Byer's research, teaching, and professional work has focused on environmental planning and decision-making, project evaluation, environmental impact assessment, risk management, and municipal solid waste management. While at the U of T, Byer served as the Chair of the Division of Environment Engineering within the Faculty of Applied Science and Engineering from 1995-2006, and also took up various visiting lecturer positions at the University of Southampton and MIT. Byer also served as the Acting Director of the Centre for Environment at the University of Toronto in 2007.

In addition to his academic work, Byer has served on numerous government and private-sector committees such as the Ontario Environmental Assessment Advisory Committee (1985-1986), the Olympic Environment Committee for the Toronto 2008 Olympic Bid Organization (1991-2001), and the City of Toronto's New Emerging Technologies Policies and Practices Advisory Group (2003-2004). Byer also served as the Foreign Expert for the National Science Council, Prime Minister's Office, Lao PDR in 2005.

Scope and content

Date range: 1975-2011

Extent: 3.20 m of textual records

15 audio cassettes

4 digital video discs

1 compact disc

4 photographs; color

This fonds consists of Byer's work as a Professor at the University of Toronto, and his government and private-sector work for various committees and councils. The fonds includes a large collection of lecture notes, syllabi, and class materials used by Byer to deliver instruction for various engineering courses. The collection also includes Byer's research notes for numerous committee and council projects for the University of Toronto and for various public and private-sector organizations. Many of Byer's publication notes, talks, and conference presentations are also included in this fonds. The Philip H. Byer fonds consists of the following series; 1) Files for Courses, 2) Files for Lecture Notes and Papers/Publications and Presentations, 3) Files for Committees and Research Projects, and 4) Files for University Committees and Projects.

Custodial history: This fonds was donated to the University of Toronto Archives by the creator, Philip H. Byer.

Access: Open

Boxes: B2013-0002/001-/008

Series 1: Files for courses

Date range: 1975-2011

Extent: 1.60 m (4 boxes); textual, audio cassette

File number	File title	Date range
B2013-0002/001	Audio Tapes (11) of APS401S lectures by Profs. Byer, Franklin, Wayman, Ham, Nowlan, Abrams	1977
	Audio Tapes (4) of Mock Hearing in APS401S, on Siting of Nuclear Power Station	1978
	APS401S – Social Impact of Technology (3 folders)	1977-1978
	CIV330S – Transportation Systems Tutorial Group (4 folders)	1982-1986
	CIV1505F – Transportation Research Seminar	1985-1997
	CIV240S – Environmental Systems	1976
	Lecture notes on critical path method for lectures in CIV267S	n.d.
	CIV267S – Civil Engineering Projects	1976-1986
	CIV 260F – Computer Programming	1975-1979
	Lecture notes on simulation for CIV1037	n.d.
	Lecture notes on GPSS, simulation of queuing systems for CIV1036	n.d.
	CIV1037F/S – Simulation in Civil Engineering (7 folders)	1975-1984
	JCC1012F – Environmental Control, lectures on modeling	1983-1985
	CIV 1033S – Analysis of Transport Operations	1979
	CIV479F – Special Studies, Optimization	1976
	CIV550F – Guest lecture on simulation and synthetic streamflows	1986
	CIV1305S – Water Resource Systems Analysis	1987
B2013-0002/002	Lecture notes for courses on Engineering Economics and Decision Making (8 folders)	n.d.
	CIV375S – Engineering Economics and Decision Making (3 folders)	1976-1978
	CIV468F – Civil Engineering Systems (3 folders)	1976-1978
	CIV468/368F – Engineering Economics and System Applications (7 folders)	1979-1985

File number	File title	Date range
	CIV 368F – Engineering Economics and Decision Making (8 folders)	1986-1993
	CIV268S – Engineering Economics and Decision Making (4 folders)	1994-1997
	IND370F – Engineering Economics and Analysis (5 folders)	1994-1997
	Lecture notes for SCS1913/EVE1013 – Engineering Economics (3 folders)	n.d.
	SCS1913S/ECE1013S – Engineering Economics (3 folders)	1980-1982
B2013-0002/003	Guest lectures in Law Class (taught by Ron Kanter)	1991-1993
	ESE2000S – Topics in Environmental Studies (Multiobjective Evaluation of Lead in Gasoline)	1985
	Lecture notes on BCA and welfare economics for CIV1039, EDE1005, IES1001, and ENV1001 (2 folders)	n.d.
	CIV1039F/S – Evaluation of Transportation and Water Resource Systems/Civil Engineering Systems (18 folders)	1977-1999
	CIV1399F – Special Studies – Multiobjective Evaluation of Civil Engineering Systems	2003
	ECE3107 (School of Continuing Studies) – Environmental Risk Management	1986
	ESE1005F/IES1005F – Environmental Management I (15 folders)	1980-1994
	ISE1001F – Environmental Decision Making (3 folders)	1995-1997
	ISE1002S – Environmental Management Case Studies (3 folders)	1995-1998
	ISE1001F/ENV1001F – Environmental Decision Making (13 folders)	1998-2011
	Lecture notes for ENV1001F- Environmental Decision Making (9 folders)	n.d.
B2013-0002/004	Lecture notes for EDV360F/CIV440S – Environmental Impact and Risk Assessment (16 folders)	n.d.
	EDV360F/CIV440S – Environmental Impact and Risk Assessment (12 folders)	1997-2011
	CIV542S/CIV543S – Solid Waste Management (14 folders)	1979-2001

File number	File title	Date range
	CIV1399 – Special Studies in Civil Engineering (Urban Solid Waste Management) (2 folders)	2002-2003

Series 2: Files for lecture notes and papers/publications and presentations

Date range: 1972-2010

Extent: 0.80 m (2 boxes); textual, compact disc

File number	File title	Date range
B2013-0002/005	Lecture notes for CIV542/CIV543 – Solid Waste Management (9 folders)	n.d.
	Reports and notes on 7 projects addressed as Chair of Ontario Environmental Assessment Advisory Committee (7 folders)	1986-1995
	Proceedings of 11 th Assembly of Canadian Environmental Advisory Councils, Chaired by P. Byer	1987
	Talks on environmental assessment in Ontario, as Chair of Ontario Environmental Assessment Advisory Committee (14 folders)	1987-1995
	Papers/publications and presentations related to risk management (5 folders)	1982-1987
	Misc. papers and presentations (6 folders)	1987-1990
	Papers and presentations related to new Environmental Engineering Program (3 folders)	1996-1998
	AEESP Conference, organized and chaired by Philip Byer (folder, and CD)	2002
	Misc. papers, reports and presentations (22 folders)	1996-2010
	Presentations related to Responsible Care Program of Canadian Chemical Producers Assoc. (11 folders)	1996-2004
	Papers and Presentations related to Waste-Econ project-waste Management in Vietnam, Cambodia and Laos (10 folders)	2001-2007
B2013-0002/006	Papers/publications and presentations related to Masters and PhD theses (12 folders)	1972-1980
	Misc. reports, papers and presentations (7 folders)	1979-1985

File number	File title	Date range
	Projects, presentations and reports related to solid waste Management (8 folders)	1980-1989

Series 3: Files for committees and research projects

Date range: 1980-2009

Extent: 0.40 m (1 box); textual

File number	File title	Date range
B2013-0002/007	Native Program at University of Toronto	1993-1997
	Transport Canada Review Panel	1992-1994
	Review of ORTECH	1992
	Site and Advisory Committees, Queen's University Eco-Research Chair	1994-1997
	Transportation Association of Canada (TAC) Environmental Advisory Council	1991-1994
	CRESTech Program Committee	2003-2003
	Quality Assessment Panel for Sir Sandford Fleming College	2002
	Toronto 2008 Olympic Bid Environment Committee	1999-2001
	Greener Roads Advisory Committee, Ontario Ministry of Transportation	2008-2009
	Ontario Waste Management Corporation (OWMC) Waste Management Award Panel	1992-1994
	Environment Canada Environmental Achievement Awards Selection Panel	1994
	Print Action Environmental Printing Awards Judging Panel	2006
	Solid Waste Management Development Grant, Connaught Fund	1980-1984
	Transportation of Hazardous Good project	1983-1985
	Indonesia Project	1988
	Waste as Fuel project for St. Lawrence Cement	2006
	Fresh Water Transfer Project	2001
	Unsuccessful proposals on risk assessment, decision analysis for Great Lakes fisheries	1980,1998

Series 4: Files for university committees and projects

Date range: 1982-2006

Extent: 0.40 m (1 box); textual

File number	File title	Date range
B2013-0002/008	Institute for Environmental Studies	1982-1998
	Centre for Environment	2005
	Environmental planning	1991-2006
	Paper recycling and waste reduction, University of Toronto	1980-1992
	Environmental Protection Advisory Committee (3 folders)	1994-2004
	Sustainability Office	2004
	Building Users Committees (2 folders)	1999-2002
	Open Space planning	1997-1999
	Energy Plan, Facilities and Services	2005
	Design Standards Committee, Facilities and Services	1999-2003
	Physical Planning and Design Advisory Committee	1997-2001
	Design Review Committee	2001-2006
	Joker's Hill Committee	1996-1997