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1. UNIVERSITY EDUCATION

1969 B.A. (with Distinction in Economics and Mathematics), University of Zambia.

1972 M. Phil. (Economics), Nuffield College, University of Oxford.

1975 D. Phil. (Economics), Nuffield College, University of Oxford.

2. MAJOR PUBLICATIONS

BOOKS

1. Global Drinking Water Management and Conservation, Springer International, 2015, ISBN 978-3-319-11031-8. DOI 10.1007/978-3-319-11032-5.
2. Water Policy in Canada: problems and possible solutions, Springer international, 2015, ISBN 978-3-319-15882-2. DOI 10.1007/978-3-319-15883-9
3. Climate Change And Forest Management In The Western Hemisphere: Selected Case Studies, (edited book), New York: Haworth Press, 2001.
4. Global Warming and Sustainable Forest Management, (edited with Rubén Guevara) Aldershot, U.K.: Edward Elgar, 2000.
5. Global Environmental Economics: Equity and the Limits to Markets, (Edited with Tim Mount), Cambridge, Mass: Basil Blackwell, 1999
6. The Macroeconomics of Business Cycles: a Comparative Evaluation, NY: Basil Blackwell, 1993. Japanese translation published by *Bunka Shobou Hakubunsha*, Tokyo, 1995.
7. John Von Neumann and Modern Economics (as Managing Editor), Oxford: Oxford University Press, 1989.
8. Dynamic Investment Planning, London: Croom Helm, 1977. To be re-issued as a classic by Routledge, 2014.

Curriculum Vitae: M.H.I. Dore

Revised: Jan., 11, 2017.

CHAPTERS IN BOOKS

1. Projecting future climate scenarios to 2100 using general circulation models: a global synthesis (with Peter Simcisko). In *Climate Change and Water Resources*. Edited by Dr Tamim Younos, Series: Handbook of Environmental Chemistry, Springer-Verlag, 2013.
2. Projected Future Precipitation Scenarios for a Small Island State: The Case of Mauritius (with Rajiv Singh). In *Climate Change and Water Resources*. Edited by Dr Tamim Younos, Series: Handbook of Environmental Chemistry, to be published by Springer-Verlag, 2013.
3. "The Economic Value of Life," in Peter Bobrovsky (ed), 2013, *The Encyclopaedia of Natural Disasters*, Springer, ISBN 978-90-481-8699-0. (published May 27, 2013).
4. "The Economic Consequences of Disasters due to Asteroid and Comet Impacts, Small and Large", in Peter Bobrovsky and Hans Rickman (Editors) 2005, *Comet/Asteroid Impacts and Human Society*, Springer Verlag Publishing.
5. "Natural Disasters, Adaptive Capacity And Development In The 21st Century" (with David Etkin) in Mark Pelling (editor), *Natural Disaster And Development In A Globalising World*, London, UK:Routledge. Routledge: London, chapter 5, pp75-92. ISBN 0-415-27957-7 (hbk); ISBN 0-415-27958-5 (pkb)
6. "The Representative Agent Model," in Brian Snowdon and Howard R. Vane (editors), *Encyclopaedia of Macroeconomics*, Cheltenham, UK: Edward Elgar, 2002. pp. 623-628. ISBN 1 84064 3870.
7. "Equity", in Jonathan Michie (ed.) *Reader's Guide to the Social Sciences*, London, UK: Fitzroy Dearborn Publishers. 2001.
8. "On the Concept of Equilibrium," in Donald A. Walker (ed.), *Equilibrium, Volume 1 Introduction to Equilibrium in Economics*, Aldershot, U.K.: Edward Elgar, 2000, pp 470-483.
9. "The Carbon Cycle and the Value of Forests as a Carbon Sink: a Boreal Case Study", with Mark Johnston in *Sustainable Forest Management and Global Climate Change*, (edited with Rubén Guevara) Aldershot, U.K.: Edward Elgar, 2000.
10. "Land Use Policy and Global Warming: A Case Study Of The Boreal Forest Region Of Saskatchewan," with Suren Kulshreshtha and Mark Johnston, in *Sustainable Forest Management and Global Climate Change*, (edited with Rubén Guevara) Aldershot, U.K.: Edward Elgar, 2000.
11. "Integrated Forest Management: Obstacles to a Comprehensive Integration of Economic and Environmental Dimensions," in *Climate Change And Forest Management In The Western Hemisphere: Selected Case Studies*, (edited by Mohammed Dore), New York: Haworth Press, 2001.
12. "The Carbon Cycle and the Value of Canadian Forests," in *Climate Change And Forest Management In The Western Hemisphere: Selected Case Studies*, (edited by Mohammed Dore), New York: Haworth Press, 2001.

13. "The Economics of Well-Being: a Review of Post Welfarist Economics." In Dore and Mount (eds.) Global Environmental Economics, Cambridge, Mass: Basil Blackwell, 1999. pp. 21-38.
14. "Epilogue," in Global Environmental Economics, Cambridge, Mass: Basil Blackwell, 1999. pp. 333-337.
15. "Inflation," "Post Keynesian business cycle theory," and "Stylized facts," in David Glasner, ed., Business Cycles and Depressions: An Encyclopaedia, New York: Garland, 1997, pp. 328-29, 538-40, 662-64.
16. "Deforestation in developing countries and pressures from global markets", Sustainable Development and Global Markets, edited by Dev Gupta and Nanda Choudrey. Boston, MA: Kluwer Academic Publishers, 1997, pp 259-27
17. "The Impact of John Von Neumann's Method", in Measurement, Quantification, and Economic Analysis: numeracy in economics, edited by Ingrid Rima, London UK: Routledge, 1995, pp. 436- 452.
18. "The Gorbachev Reforms and the Left Opposition of the 1920s", in Perspectives on the History of Economic Thought, Vol. VII, edited by S. Todd Lowry, Aldershot, U.K.: Edward Elgar, 1992.
19. "Tarshis on LDC Debt: comment ", in The Future of the International Monetary System", edited by O.F.Hamouda, R.Rowley, and B.M.Wolf, Aldershot, U.K.: Edward Elgar, 1989.
20. "The Legacy of John Von Neumann", in Dore *et al.*, John Von Neumann and Modern Economics, Oxford: Oxford University Press, 1989.
21. "A Game Theoretic Growth Model", in Dore *et al.* (eds.), John Von Neumann and Modern Economics, Oxford University Press, 1987.
22. "Optimal Resource Allocation as a Differential Game", in Liu and Sutinen (eds.), Dynamic Optimization and Mathematical Economics, New York: Marcel Dekker, 1979.

GUEST EDITOR OF REFEREED JOURNALS

1. A Special Memorial Issue honouring the late Edward Lorenz: *Nonlinear Dynamics, Psychology and the Life Sciences*. 2009, Vol. 13, No. 3, 241-350. ISSN# 1090-0578.
2. A Special Issue on Sustainable Forest: Global Challenges and Local Solutions. *Journal of Sustainable Forestry*, Vol. 1, No. 1/ 2, 2000. ISSN # 1054-9811

ARTICLES IN REFEREED JOURNALS

1. Performance Management of Small Water Treatment Plant Operations: A Decision Support System (with Gopal Achari, Stein, Haider, Sadig, & Langford), *Water and Environment Journal*, forthcoming 2017

- 2 Nonparametric correlation integral–based tests for linear and nonlinear stochastic processes (with Mariano Matilla-García, Manuel Ruiz Marín, Rina B. Ojeda) *Rivista di Matematica per le Scienze Economiche e Sociali* 04/2014; DOI:10.1007/s10203-013-0143-0
- 3 A permutation entropy based test for causality: The volume-stock price relation (with Mariano Matilla, Manuel Ruiz). *PHYSICA A*, (2014), 398, pp. 280-288.
- 4 Nonparametric Tests for Serial Dependence Based on Runs, *Nonlinear Dynamics Psychology and Life Sciences*, (2014) (with Manuel Ruiz, Úrsula Faura, Matilde Lafuente), 18(2), pp. 123-136.
- 5 Cost differentials and scale for newer water treatment technologies (with RG Singh, Arian Khaleghi-Moghadam and G. Achari), *International Journal of Water Resources and Environmental Engineering*. Vol. 5(2), pp. 100-109, February 2013.
- 6 Cost and efficacy of water disinfection practices: Evidence from Canada (with Arian Khaleghi_Mogadam), *Review of Economic Analysis*.(2012), Vol 4, pp 209-223.
- 7 Nonparametric correlation integral–based tests for linear and nonlinear stochastic processes (with M. Matilla, M. Ruiz Marin & R.B. Ojeda. Accepted in *Decisions in Economics and Finance*, 2013. DOI 10.1007/s10203-013-0143-0.
- 8 Cost Scenarios for Small Drinking Water Treatment Technologies (with Rajiv Singh, Gopal Achari, & Arian Khaleghi-Mogadam), *Desalination and Water Treatment*. Published online December 12, 2012. (ID: 751148 DOI:10.1080/19443994.2012.751148)
- 9 The changing pattern of precipitation at the Sooke reservoir in British Columbia, (with M. Ruiz and M. Matilla), forthcoming in *The Atlantic Economic Journal*, DOI: 10.1007/s11293-012-9346-y.
- 10 The Role of Credit in the Great Recession of 2007- 2009. Forthcoming in *The Atlantic Economic Journal*, September, 2012. DOI: 10.1007/s11293-012-9326-2
- 11 An integrated performance assessment framework for water treatment plants. (with Kejiang Zhang; Gopal Achari; Rehan Sadiq; and Cooper H. Langford) in *Water Research Volume 46, Issue 6, 15 April 2012, Pages 1673–1683*.
- 12 Testing for Nonlinear Dependence in Financial Markets, (with Mariano Matilla-García, and Manuel Ruiz Marín), *Nonlinear Dynamics, Psychology and the Life Sciences*, July 2011, Vol. 15, No. 3, pp. 407-418.
- 13 “The Global Financial Crisis and the Great Recession of 2007-09”, (with Rajiv G. Singh) in *Nonlinear Dynamics, Psychology and the Life Sciences*, 2010, Vol. 14, No. 3, pp. 317-342.
- 14 “The Impact of Edward Lorenz: An Introductory Overview”, *Nonlinear Dynamics, Psychology and the Life Sciences*. July 2009, Vol 13, Number 3, pp 243- 247.
- 15 “Turning Points In Nonlinear Business Cycle Theories, Financial Crisis and The Global 2007-2008 Downturn” (with Rajiv G. Singh) *Nonlinear Dynamics*,

- Psychology and the Life Sciences*. October 2009, vol.13, Number 4. pp.423-444.
- 16 "A Question of Fudge: Professor Nordhaus on Climate Change Policy," in *World Economics: the journal of Current Economic Analysis and Policy* (Oxford), 2009. Vol 10, Issue # 1, pp 91-106.
 - 17 "Bulk Water Exports, Diversions And Water Conservation: Some Policy Issues For Canada" (with T. Heinmiller) *Policy Options*, Vol 30, Issue # 1, December 2008-January 2009, pp 83-88.
 - 18 "Do Nonlinear Dynamics in Economics Amount to a Kuhnian Paradigm Shift?" (with Barkley Rosser, Jr), in *Nonlinear Dynamics, Psychology and the Life Sciences*, January Vol.11, No. 1, pp 119-147, 2007.
 - 19 A tale of Two Waters: the Missouri River, the Great Lakes and management of future water conflicts (with David Whorley). *Water International*. Volume 31, Number 4, Pg. 488-498, December 2006.
 - 20 Do Nonlinear Dynamics in Economics Amount to a Kuhnian Paradigm Shift? (with Barkley Rosser, Jr), in *Nonlinear Dynamics, Psychology and the Life Sciences*, Vol.11, No. 1, pp 119-147. January 2007.
 - 21 "Estimating Baselines for Climate Change for Less Developed Countries: the Case of the Sahel, (with J.F. Lamarche) *Climate Policy*, Issue 6/2, pp. 231-240, 2006.
 - 22 "Valuing Forests: a Selective Survey," *Nonlinear Dynamics, Psychology and Life Sciences*, Vol 13, Number 3, April 2005.
 - 23 "Climate Change and Changes in Global Precipitation Patterns: What Do We Know?" in *Environment International*, Vol 31, No.8 pp 1167-1181, 2005.
 - 24 "Exporting fresh water: is there an economic rationale?" *Water Policy* (a journal of the World Water Council), Vol 7. 2005, pp 313-327.
 - 25 "Discreteness or Convexity of the State Space: Implications for Nonlinear Economics," *Nonlinear Dynamics, Psychology and Life Sciences*, Vol 9, Number 2, April 2005: pp 209-227.
 - 26 "Privatization of water in the UK and France-What can we learn?" *Utilities Policy*, Volume 12, 2004, pp 41-50 (With Joseph Kushner and Klemen Zumer)..
 - 27 "Forecasting the Economic Costs of Desalination Technology," in *Desalination*. Volume/Issue 172/3, 2005 pp. 207-214.
 - 28 Forecasting The Conditional Probabilities Of Natural Disasters In Canada As A Guide For Disaster Preparedness, *Natural Hazards*, March 2003, Volume 28, Issue 2-3, pp. 249-269.
 - 29 "The Labour Market And Rural-Urban Differences Among First Nations: The Case Of Saskatchewan," (with Suren Kulshreshtha), *Journal of Socio-economics*, 2003, Volume Vol. 32/2 pp 147 – 159.
 - 30 "The Importance of Measuring the Social Costs of Natural Disasters at a time of Climate Change," (with David Etkin), *The Australian Journal of Emergency Management*, Spring 2000, Vol 15, No. 3, pp 46-48.

- 31 "Global Change Land Use Policy on Marginal Lands: the Case of Northern Saskatchewan" (with Suren Kulshreshtha and Mark Johnston) *Geographical & Environmental Modelling*. Vol. 5, No. 3, 2001, pp 159-175.
- 32 "A Consistent Methodology For Estimating The Economic Costs Of Natural Disasters: With the 1998 Ice Storm as a Case Study," (with David Etkin) Institute Environmental Studies, University of Toronto Press,
- 33 "Global Warming, Substitutability and Discounting: a Comment," *Energy Policy*, March 2000, Vol 28, No 2: 77-79.
- 34 "The Carbon Cycle and the Value of Canadian Forests," (with Mark Johnston) *Journal of Sustainable Forestry*, Vol. 12, No. 1 /2, 2000. Pp 123-151.
- 35 "Integrated Forest Management: Obstacles To A Comprehensive Integration Of Economic And Environmental Dimensions," (with S. Kulshreshtha), *Journal of Sustainable Forestry*, Vol 12, No. 1/ 2, 2000. Pp. 7-36.
- 36 "Valuing Environmental Degradation and Costing Remediation: Is Economics Part of the Problem?" (With Ian Burton) *Journal of Environmental Monitoring and Assessment*, volume 86, issue 1-2, July 2003, pp 47-61.
- 37 "Valuing Biodiversity: Reality or Mirage?" (with David Webb). *Journal of Environmental Monitoring and Assessment*, volume 86, issue 1-2, July 2003.pp 91-104.
- 38 "Professor Johnson on Social Choice: a Review Article," *Contemporary Psychology*, Volume 45, No. 5, October 2000, Pp. 518- 522.
- 39 "Keynes's casino capitalism, Bagehot's international currency, and the Tobin Tax: historical notes on preventing currency fires," (with Robert Dimand), *Journal of Post Keynesian Economics*. 2000, Vol 22, No. 4, Summer, pp 515-528.
- 40 "Rawlsian Justice Theory and the developing Countries", *Asia Law Review*, 1999, The International Jurists Organization, pp. 4-23. (ISSN 0972-0421).
- 41 "Cournot, Bertrand and game theory: a further note" (with Robert Dimand), in the *Atlantic Economic Journal*, 1999, 27 (3), 325-333.
- 42 "A libertarian theory of rights and future generations," *Forum for Social Economics*, Vol. 27, No. 2, 1998, pp 23-35.
- 43 "Deforestation and Global Market Pressures," *Canadian Journal of Development Studies*. Vol.XVIII, no. 3, 1997 pp. 419-438.
- 44 "On playing fair: Professor Binmore on game theory and the social contract", *Theory and Decision*, Vol.43, Issue no.3 (1997), pp.219-239.
- 45 "Walrasian General Equilibrium and Nonlinear Dynamics" *Nonlinear Dynamics, Psychology and the Life Sciences*, Vol 2, No 1, 1998, pp 59-72.
- 46 "An Ecological-Economic Analysis of the Role of Canadian Forests in Mitigating Global Climate Change", (with Johnston, M.) *Journal of Sustainable Forestry*, Vol 5, No. 1/2,1997, pp. 205-212.
- 47 "The Problem of Valuation in Neoclassical Environmental Economics," *Environmental Ethics*, Spring 1996, Vol. 18, pp. 65-71.
- 48 "Dynamic Games in Macro Models: a Critical Appraisal", *Journal of Post-Keynesian Economics*, Vol. 18, No. 1, Fall 1995, pp. 107- 123.

- 49 "Growth Theory Without the Steady State" Science and Society, Vol. 59, No. 1, Spring 1995, pp. 87-94.
- 50 "The Amazon Rainforest, Sustainable Development and the Biodiversity Convention" (with J. Nogueira), Ambio: the Journal of the Human Environment, Vol. 23, No. 8, December 1994, pp. 491-496.
- 51 "The Optimal Length of a Patent with Variable Output Elasticity and Returns to scale in R&D", (with J. Kushner and I Masse), Atlantic Economic Journal, Vol 21, No. 1, March 1993, pp. 10-26.
- 52 "On the Taxation of Resources Under Monopolistic Competition", Atlantic Economic Journal, Vol. 20, No. 2, 1992, pp. 11-20.
- 53 "Entitlements, Missing Markets and Environmental Policy, (with A. Ward) Journal Economics and Environmental Management, Vol. 20, No.2, March 1991, pp.290-296.
- 54 "The LDC Debt and the Commercial Banks: a Proposed Solution", (with Lorie Tarshis),Journal of Post-Keynesian Economics, Vol. 12, No. 3, Spring 1990, pp.452-465.
- 55 "The Use of Mathematics in Social Explanation" Science and Society, Winter, Vo.52, No. 4, 1988-89, pp.456-469.
- 56 "Market Structure and the Taxation of Exhaustible Resources in Developing Countries", American Journal of Economics and Sociology, Vol. 49, No.4, October 1990, pp. 459-468.
- 57 "The Optimal Depletion of a Theory of Exhaustible Resources:a Comment", Journal of Post-Keynesian Economics, Vol. X, No. 4, 1988, pp.646-650.
- 58 "Food Security, Growth and Development: Lessons from Sub-Saharan Africa", International Review of Applied Economics, February 1988. pp. 23-41.
- 59 "Mineral Taxation in Jamaica", American Journal Economics and Sociology, Vol.46.,No. 2, April 1987, pp.180-204.
- 60 "A Note on the Taxation of Resources under Oligopoly" (with G.C.Harcourt), Economics Letters, Vol.21, no.1, 1986, pp.81-84.
- 61 "The Millions of Equations Debate: Seventy Years after Barone" (with M.Kaser), Atlantic Economic Journal, Vol.XII, no.3, September 1984, pp. 30-44.
- 62 "The Concept of Equilibrium", Journal of Post-Keynesian Economics, Winter 1984-85, Vol.VII, no.2, pp. 193-206.
- 63 "An Approach to Intertemporal Equilibrium with Production", Atlantic Economic Journal, Vol. VIII, no.4, December 1980, pp. 1 -9.

PUBLISHED PROCEEDINGS

1. Evaluating the Efficacy of Demand Management Policies in Victoria: a Quantitative Analysis (with Jack Hull). In Proceedings of 59th Canadian Water

Resources Association Annual Congress, Toronto, Jun 4-7, 2006: Sustainable Water Management.

2. "North Dakota And The Chicago Diversion: A Tale Of Two Waters (with David Whorley) in Proceedings of 58th Canadian Water Resources Association Annual Congress, Montreal, Quebec, June 16-18, 2004 Water and Climate Change: Knowledge for Better Adaptation.
3. "Statistical Downscaling of Precipitation Projections for Niagara Fall and St Catharines, Ontario", in Proceedings of the 57th CANADIAN WATER RESOURCES ASSOCIATION ANNUAL CONGRESS: *Water and climate change: Knowledge for better adaptation* June 16-18 2004, Montreal, Qc, Canada.
4. "Alternative Funding Mechanisms For Water Infrastructure Renewal" (with Jack Hull) in INFRA 2003, Proceedings of the 9th Annual Urban Infrastructure Week, Centre for Expertise and Research on Infrastructures in Urban Areas (CERIU), Montreal, Quebec, Nov. 18-20, 2003, 16 pages.
5. "Resilience And Adaptation To Climate Change". Expert Testimony Presented To The Senate Of Canada, March 27, 2003. Proceedings of the Standing Committee, Senate of Canada, Second Session, Thirty-seventh Parliament, Second Session, 2002-03, pages 14:31 to 14-49. Also available at: www.parl.gc.ca/37/2/parlbus/commbus/senate/com-e/AGRI-E/14evb-e.htm
6. "Climate Change and Sustainable Urban Infrastructure: Niagara as a Case Study", (with Chado Brcic), in INFRA 2002, Proceedings of the 8th Annual Urban Infrastructure Week, Centre for Expertise and Research on Infrastructures in Urban Areas (CERIU), Montreal, Quebec, Nov. 25-27, 2002, 17 pages.
7. "Global Negotiations on Climate Change: Lessons from the Montreal and Kyoto Protocols," in Elizabeth Bamberger (editor), Proceedings of the Canadian Climate Impacts and Adaptation Research Network, Inaugural Workshop, Laurentian University, Sudbury, February 21, 2002. See <http://www.c-ciarn-ontario.ca/english/event2.html>
8. "Global Change Land Use Policy on Marginal Lands: the Case of Northern Saskatchewan" (with Suren Kulshreshtha and Mark Johnston). Proceedings of the 10th Symposium on Global Change Studies, American Meteorological Society, 10-15 January 1999. (Three page Summary.)
9. "Global negotiations on climate change: lessons from Montreal and Kyoto Protocols" (with Rubén Guevara and Jorge Nogueira). Proceedings of the 10th Symposium on Global Change Studies, American Meteorological Society, 10-15 January 1999.
10. An Ecological - Economic Analysis of the Role of Canadian Forests in Mitigating Global Climate Change". proceedings of the the International Curriculum Vitae: M.H.I. Dore

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Conference on Sustainable Forests, May 29-June 1, 1995, Saskatoon, Saskatchewan, organized by Prince Albert Model Forest Association Inc. Forthcoming, 1996 or 1997.

11. "Sustainable Development and the Amazon Rainforest", *Proceedings of the 25th International Symposium on Remote Sensing and Global Change*, Graz, Austria, April 1993. Published by Environmental Research Institute of Michigan.
12. Comments in "Europe 1992 and Implications for Canada", edited by Douglas D. Purvis, Policy Forum Series-21, John Deutsch Institute, Queen's University.
13. "The Optimality properties of a Model with Production", The Keynes Conference on Methodological Issues in Keynesian Economics, Trinity College, Cambridge, England, September 12-14, 1983, Cambridge: Cambridge University Press, 1984.
14. "The Timing of Lumpy Investments" in X.J.R. Avula (ed.), Proceedings of the First International Conference on Mathematical Modelling, University of Missouri, 1977.

BOOK REVIEWS

1. Water Policy Entrepreneurs: A Research Companion to Water Transitions around the Globe, edited by Dave Huitema and Sander Meijerink. Edward Elgar, Cheltenham, UK, 2009, 411 pages, £150:00 (hardback), ISBN 9781848443310. In *Science and Public Policy*, Vol 37. No. 7, August 2010, pages 554-556. Co-author, Geoff Black.
2. "John Rawls' *Political Liberalism*: A Review Article", *Brock Review*, 1994, Vol 3, No 2, pp. 180-186.
3. N. Koslov and E. Weitz (eds.) Nikolai Bukharin: A Centenary Appraisal, NY: Praeger, 1990, in History of Political Economy, Vol. 24, No. 1, Spring 1992.
4. W. Semmler (ed.) Financial Dynamics and Business Cycles, Armonk: New York, M.E. Sharpe, 1989, in Science and Society, Vol. 56, No. 1, Spring 1992, pp. 113-116.
5. R. Eisner, Factors in Business Investment, Cambridge, Mass.: Balinger Publishing Co., 1978, in the Canadian Journal of Economics, 1980.
6. C. Bettelheim, Cultural Revolution and Industrial Organization in China, New York: Monthly Review Press, 1974, in Journal of Comparative Economics,

Curriculum Vitae: M.H.I. Dore
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OTHER NON-REFEREED PUBLICATIONS

1. *Water Pricing Models, Sustainability and Financial Viability of Small Water Systems in Canada. Canadian Civil Engineer, Vol 29, No. 5, page 19-22.*
2. Report On Daily Precipitation Projections For The Sooke Reservoir, Brock University Climate Change Lab Report, April 14, 2011. Report prepared for Greater Victoria Water Services Department, 141 pages.
3. "Alternative Funding Mechanisms For Water Infrastructure Renewal" (with Jack Hull) in INFRA 2003, Proceedings of the 9th Annual Urban Infrastructure Week, Centre for Expertise and Research on Infrastructures in Urban Areas (CERIU), Montreal, Quebec, Nov. 18-20, 2003, 16 pages
4. "Building a Better Tomorrow: Investing In Ontario's Infrastructure To Deliver Real, Positive Change." A submission made to the Ministry of Infrastructure Renewal by the Canadian Water Network. March 31, 2004.
5. "Watershed-Based Source Protection Planning: Comments In Response To (Ontario) Ministry Of The Environment's White Paper." A submission made by the Canadian Water Network. April 12, 2004.
3. The Costs of Landslides in Canada, mimeo, Brock University, April 2003.
4. The Long-Term and Short-Term Forecasts of Water and Wastewater in the Niagara Region: Volume 1: Main Findings, September 12, 2002.
5. The Long-Term and Short-Term Forecasts of Water and Wastewater in the Niagara Region: Volume 2: Detailed Statistical Foundations, September 23, 2002
6. The Long-Term and Short-Term Forecasts of Water and Wastewater in the Niagara Region: Volume 3: Summary Of Water And Wastewater Projections, November 11, 2002
7. "Global Negotiations on Climate Change: Lessons from the Montreal and Kyoto Protocols," in Elizabeth Bamberger (editor), Proceedings of the Canadian Climate Impacts and Adaptation Research Network, Inaugural Workshop, Laurentian University, Sudbury, February 21, 2002. Also available at: <http://www.c-ciarn-ontario.ca/english/C-CIARNOntarioWorkshopReport.pdf>
9. Fluoroscopic Techniques for Monitoring Water Quality. A CWN Report prepared for EMS Technologies, January 23, 2002.
10. The Cost of Adaptation to Climate Change: a Critical Review, (with Ian Burton), for Natural Resources Canada, November 15, 2000. *To be published on the Web site.*
11. The Cost of Adaptation to Climate Change in Canada: A Stratified Estimate by Sectors and Regions. *Social Infrastructure*, April 17, 2001. Available at: <http://spartan.ac.brocku.ca/~dore>; also see: http://www.adaptation.rncan.gc.ca/projdb/pdf/crosscutting4b_e.pdf
12. The Value of Climate Data in Relation to Extreme Weather Events, published by Environment Canada, available at:

3. MAJOR RESEARCH GRANTS

1 NSERC: Strategic Network Enhance Initiative PI: Mohseni, UBC	Res'eau-Waternet: Enhancement Initiatives activities, including knowledge; First Nations water.	\$162,000	March 2012
2. SSHRC IOF Dore as PI	The use of symbolic dynamics. In social science data	\$74,964	April 2010-2012
3. NSERC Dore as Theme Leader & Co- applicant	Res'eau-Waternet: An NSERC Strategic Network Grant; total grant \$5.25 million over 5 years. My projects share over 5 years	\$174,000	Oct. 2008-2013
4 Canadian Foundation for Climate and Atmospheric Sciences (CFCAS) Dore as Co-applicant	Extreme Events in Western Canada	\$130,000	July 18, 2008-2011
5. SSHRC Dore as PI	Modernizing Drinking Water Supply in Small and Rural Communities: Sustainability and Risk	\$171,499	April 2, 2009-2013
6 CWN (PI: M. Prévost) Dore as Co-applicant	Cost of meeting new Canada Wide Standards for Lead in drinking water	\$48,000	May 2007-11
7. Canadian Water Network: Dore as PI	Workshop for Reseau grant proposal	\$12,000	Jan. 2008
8. Canadian Water Network, Dore as PI	Climate Change and Impacts on Water (P4011)	\$204,000	2007
9. Canadian Water Network, Dore as Co- applicant	Advanced Water Supply (P4018)	\$40,000	2005

10. Canadian Water Network. Dore as co-applicant	Integrity of water Distribution Systems (P4037)	\$17,900	2004
11. Canadian Water Network Dore as PI	Program Leader grant	\$25,000	2002
12. Natural Resources Canada Dore as PI	Cost of landslides in Canada	\$22,000	2002
13. Canadian Water Network	Program Leader grant: Infrastructure Theme	\$15,000	2001
14. Network Centres for Excellence (2001). Funded by NSERC, SSHRC and CIHR. with Mohammed Dore as one of Six Theme leaders of CWN.	<i>Canadian Water Network (CWN-RCE), awarded 2001</i>	\$14.9 million	2001-2004
15. Canadian Water Network, Dore as PI	<i>Water Infrastructure</i>	\$672,000	2001
16. Canadian Water Network Dore as PI	<i>Case studies in climate change impacts on water</i>	\$235,320	2001
17. Natural Resources Canada, Impacts & Adaptation Dore as PI	<i>The value of water infrastructure data</i>	\$24,000	June 2001-April 2002
18. Canadian Climate Change Action Fund Administered by Natural Resources Canada (2001) Dore as PI	<i>The Cost of climate change and adaptation</i>	\$120,000	2001
19. Inter-American Institute for Global Change Research A consortium of funding agencies that includes the IAI, the US NSF, and the French Development Agency. Project:	<i>Participants: 8 universities from the Americas (including Brock), governmental organizations, and Latin American NGOs PI: Michael McCLain, with Dore and others as CO-PIs.</i>	\$100,000	1999

<i>Andean Amazon Rivers Analysis and Management Project</i> (called AARAM Project)	<i>Total Budget US \$1.2 million. Dore's share</i>		
20. Adaptation Impacts Research Group Environment Canada (a consortium of researchers from Environment Canada, Universities of Toronto, Waterloo and Brock)	<i>My Project: The Ice Storm of 1998 in Canada.</i> <i>Member of Joint Project: Climate Change (updating Chapter 1 of Canada Country Study on Climate Change)</i> <i>My Project: the Value of Climate Data</i>	\$5,000 \$4,000 \$10,000	199-2001
21. Inter-American Centers for Excellence (a consortium of the U.S. NSF, Brazilian NSF). Budget US\$1 million	<i>Global Climate Change and Sustainable Development</i>	\$120,000	1998
22. National Science Foundation (USA) ...with Dore as Principal Investigator	<i>Human Dimensions of Global Change and Sustainable Forest Management (Inter American Global Change Program)</i>	US \$50,000	1996-1997
23. Social Sciences and Humanities Research Council of Canada	<i>Sustainable Use of Forests</i>	\$32,000	1994-1997
24. Social Sciences and Humanities Research Council Dore as PI	Strategic grant: Environmental ethics and justice for future generations	\$50,400	1991-1993
25. Social Sciences and Humanities Research Council Dore as PI	<i>Standard grant: Resource allocation mechanisms</i>	\$9,000	1981-85

4. OTHER RESEARCH GRANTS
Year 2000

Amounts

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| 1. <i>Federal and Provincial Parks Council (Ottawa)</i>
TOPIC: Carbon Sequestration in Protected Areas | \$14, 900 |
| 2. <i>Canadian Research Forum (Ottawa)</i>
TOPIC: Rural-Urban Labour Market Characteristics
Of First Nations | \$ 4, 050 |

5. SMALLER RESEARCH GRANTS

Amounts

(a) Brock University General Research Grants (GRGs and others) :

1981-1982	\$ 400
1982-1983	\$ 500
1983-1984	\$ 600
1985-1986	\$ 700
1987-1988	\$ 600
1989-1990	\$2600
1991-1992 Burgoyne Centre for Entrepreneurship	\$ 300

(b) University of Saskatchewan Research Grants:

1976-1977	\$1,000
1977-1978	\$1,000
1978-1979	\$1,300
1979-1980	\$1,400

6. VISITING APPOINTMENTS

Nov. 1994	Short Term Visiting Fellow, University College, London
1992-1995	Adjunct Professor, Cornell University
1991-1992	Visiting Fellow, Cornell University
1984 -1985	Visiting Scholar, Cambridge University and Jesus College, Cambridge.
April-Sept.,1980	Senior Associate Member, St. Antony's College, Oxford University, Oxford.

7. OTHER SCHOLARLY ACTIVITIES

1. Executive Editor, *Brock Review* (from inception to 2008)
2. Member of the Editorial Boards of:
 - (i) Atlantic Economic Journal (since September, 1978.)
 - (ii) International Advances in Economic Research (since February 1995)
 - (iii) Nonlinear Dynamics, Psychology, and Life Sciences (since January 1997)

8. AWARDS AND DISTINCTIONS

1. Appointed to: **Standards Council of Canada, Canadian Advisory Committee to International Standards Organization, TC 251 - Asset Management, January 2011 onwards.** (Developing a standard for Asset Curriculum Vitae: M.H.I. Dore
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- management for Infrastructure such as water).
2. Appointed to the **CSA Technical Committee on Water Quality Management Systems, S2029**, 2008 onwards
 3. **Brock University Distinguished Research Award for 2002.**
- 9. CONSULTING EXPERIENCE**

1. Consultant to Victoria Capital Region District, Water Services Division, on Climate Change and Climate Extreme Events, 2007-2008.
2. Consultant to Victoria Capital Region District, Water Services Division on climate change impacts and adaptation, 2004-2005.
3. Consultant to Regional Municipality of Niagara, Water and Wastewater Division, on development of new technology for drinking water security, 2004-2005
4. Consultant to Geological Survey of Canada, on *The Economic Costs of landslides in Canada. 2003.*
5. Consultant to the Regional Municipality of Niagara on Forecasting Water and Wastewater Demand for Niagara, 2002.
6. Consultant to Geological Survey of Canada, on *The Economic Costs of landslides in Canada. 2003.*
7. Consultant to the Regional Municipality of Niagara on Forecasting Water and Wastewater Demand for Niagara, 2002.
8. Study for the City of Niagara Falls: "*The Economic Impact of the Winter Festival of Lights.*" 1993-1994.
9. Senior Consultant to Consolidated Research Inc., New York (on resource economics including oil), December 1980 to December 1981.
10. Papers prepared for Bell Canada as Consultant (August 1977):
 - i) "The Effects of Divestiture in Terms of the Public Interest-- A Present Value Estimate"
 - ii) "International Trade in Telecommunications Equipment".
11. Alternate member of Manpower Planning Committee, Ministry of Development Planning, Zambia, 1972-1973.
12. Member of United Nations Development Programme team preparing Feasibility Study on Establishing Small Scale Industries in rural Zambia. 1972.

10. ADMINISTRATIVE EXPERIENCE

1. Theme Leader and Co-Applicant in *Res'eau-Waternet*, (an NSERC Strategic Network Grant), 2009-2013
2. Appointed to: **Standards Council of Canada, Canadian Advisory Committee to International Standards Organization (ISO), TC 251 - Asset Management, January 2011 onwards.** (Developing a standard for Asset management for Infrastructure such as water; recommendations to go to the ISO).

3. Program Leader in the *Canadian Water Network*, and member of its Research Management Committee, 2001, 2002, 2003-5.

4. Member of the *CRESTech* Program Committee, 2004 to 2006.

4. At Brock University:

(i) The Fine Arts Committee

(ii) SERVICE ON SENATE

Member of the University Board of Trustees, 2003- 2006.

Member of the Capital Projects Committee of the Board, 2003-

Member of Senate, 1986-1989; 1989-90:

Vice Chair of Senate, 1989-90

Chair of Academic Policy Committee of Senate, 1988

Chair of Striking Committee of Senate, 1988

Chair of Academic Policy Committee of Senate, 1987

Chair of Senate Budget Advisory Committee, 1987

Chair of Senate Committee on Part-Time Studies, 1986

Member of Striking Committee of Senate, 1987

Member of Ad Hoc Committee of Senate on Continuing Education Courses, 1983

(iii) Member of President's Advisory Committees on the Appointment of Associate Vice President Research, 2003.
Appointment of the Dean

- Division of Social Sciences, 1984

- School of Administrative Studies, 1986

- Faculty of Social Sciences, 1989-90

(iv) Member of Senate Appeals Committees on Promotion and Tenure

- The Kennedy Committee, 1988

- The Barclay Committee, 1988

(v) Chair of BUFA Ad Hoc Committee on Grievance Procedures and Binding Arbitration, 1984

(vi) Chair of BUFA Salaries and Benefits Committee 1990

(vii) Member of University-BUFA Joint Benefits Committee, 2012

(vii) Director, Environmental Economics Program 1993-96

11. COMMUNITY SERVICE

- 1 Elected member of the Board of Directors of the St Catharines Civic Credit Union, for a three year term, 1999- 2002
- 2 Front House Manager, Niagara Youth Orchestra Concerts, 1992 to 1997.
- 3 Newspaper article on Cross Border Shopping in Niagara Falls Review, February 1, 1992.
- 4 Article on Cross Border Shopping in the Fraser Forum, May 1992.
- 5 Founding President of Oakridge Parent Teacher Association, for one and a half years until September 1987.
- 6 Talk entitled "On the Limits to Sovereignty ", as part of Canada Day Celebrations, at Brock University, February 1986.
- 7 Talk entitled " A Sceptical Note On Canada-US Free Trade " at the Public Forum on Canada-US Free Trade for the Ontario Federation of Labour, February 1986.
- 8 Talk entitled "Can Canada have an Independent Monetary Policy ? " given at the Annual Meeting of the Greater Niagara & District Credit Union Chapter, May 25, 1982.
- 9 Frequent interviews with the Media (newspapers, radio, and TV)

11. TEACHING EXPERIENCE

I have taught the following courses at the four institutions where I have been employed:

1 At the University of Zambia:

- i) Introductory economics
- ii) Intermediate micro- and macroeconomics
- iii) Investment planning (which included input-output analysis, linear and integer programming, and modern approaches to cost-benefit theory)
- iv) Development economics
- v) Economics for the MBA program -2003

2 At the University College, Buckingham (UK):

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- i) Mathematics for economists

3 At the University of Saskatchewan:

- i) Graduate level microeconomics
- ii) Comparative economic systems
- iii) Introductory economics
- iv) Intermediate micro- and macroeconomics
- v) Mathematical microeconomics
- vi) Optimization methods in economics
- vii) Modern capital theory
- viii) Advanced development economics (M.A. Level)

4 At Brock University:

- i) Economics for the Business Environment, MBAB 5P03
- ii) Introductory economics: Econ.190, 1P91, 1P92
- ii) Intermediate macroeconomics: Econ.202, 2P22, 2P32
- iii) Public finance: Econ. 304
- iv) Principles of macroeconomics: Econ.1P92
- v) Growth and business cycles: Econ.3P16/3P96
- vi) Monetary theory: Econ.3P26
- vii) Honours thesis supervision: Econ 490
- viii) Cost-Benefit Analysis: Econ 3P97
- ix) Mathematical Economics II: Econ 3P99