MOHAMMED. H. I. DORE

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Brock University

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Canada, L2S 3A1

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FAX.: + 905 688 6388

E-Mail: dore@BrockU.ca
Web site: http:// spartan.ac.brocku.ca/~dore

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


Curriculum Vitae: M.H.I. Dore

Revised: Jan., 11, 2017.
CHAPTERS IN BOOKS


GUEST EDITOR OF REFEREED JOURNALS


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


Curriculum Vitae: M.H.I. Dore

Revised: Jan., 11, 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


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,
60 "A Note on the Taxation of Resources under Oligopoly" (with G.C.Harcourt), Economics Letters, Vol.21, no.1, 1986, pp.81-84.

PUBLISHED PROCEEDINGS


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.


10. An Ecological - Economic Analysis of the Role of Canadian Forests in Mitigating Global Climate Change”. proceedings of the the International


**BOOK REVIEWS**


OTHER NON-REFEREED PUBLICATIONS


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


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


12. The Value of Climate Data in Relation to Extreme Weather Events, published by Environment Canada, available at:
3. MAJOR RESEARCH GRANTS

<table>
<thead>
<tr>
<th>No.</th>
<th>Grantor</th>
<th>Description</th>
<th>Amount</th>
<th>Start Date</th>
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<tbody>
<tr>
<td>1</td>
<td>NSERC: Strategic Network Enhance Initiative</td>
<td>Res’eau-Waternet: Enhancement Initiatives activities, including knowledge; First Nations water.</td>
<td>$162,000</td>
<td>March 2012</td>
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<tr>
<td></td>
<td>PI: Mohseni, UBC</td>
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<tr>
<td>2</td>
<td>SSHRC IOF</td>
<td>The use of symbolic dynamics. In social science data</td>
<td>$74,964</td>
<td>April 2010-2012</td>
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<td>Dore as PI</td>
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<td>3</td>
<td>NSERC</td>
<td>Res’eau-Waternet: An NSERC Strategic Network Grant; total grant $5.25 million over 5 years. My projects share over 5 years</td>
<td>$174,000</td>
<td>Oct. 2008-2013</td>
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<tr>
<td></td>
<td>Dore as Theme Leader &amp; Co-applicant</td>
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<td>4</td>
<td>Canadian Foundation for Climate and Atmospheric Sciences (CFCAS)</td>
<td>Extreme Events in Western Canada</td>
<td>$130,000</td>
<td>July 18, 2008-2011</td>
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<td>5</td>
<td>SSHRC</td>
<td>Modernizing Drinking Water Supply in Small and Rural Communities: Sustainability and Risk</td>
<td>$171,499</td>
<td>April 2, 2009-2013</td>
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<td>6</td>
<td>CWN (PI: M. Prévost)</td>
<td>Cost of meeting new Canada Wide Standards for Lead in drinking water</td>
<td>$48,000</td>
<td>May 2007-11</td>
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<td>7</td>
<td>Canadian Water Network:</td>
<td>Workshop for Reseau grant proposal</td>
<td>$12,000</td>
<td>Jan. 2008</td>
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<td>8</td>
<td>Canadian Water Network,</td>
<td>Climate Change and Impacts on Water (P4011)</td>
<td>$204,000</td>
<td>2007</td>
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<td>9</td>
<td>Canadian Water Network,</td>
<td>Advanced Water Supply (P4018)</td>
<td>$40,000</td>
<td>2005</td>
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<td>Dore as Co-applicant</td>
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<td>Number</td>
<td>Project Description</td>
<td>Funding Details</td>
<td></td>
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<td>10</td>
<td><strong>Canadian Water Network.</strong> Dore as co-applicant</td>
<td>Integrity of water Distribution Systems (P4037) $17,900 2004</td>
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<td>11</td>
<td><strong>Canadian Water Network.</strong> Dore as PI</td>
<td>Program Leader grant $25,000 2002</td>
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<td>12</td>
<td><strong>Natural Resources Canada.</strong> Dore as PI</td>
<td>Cost of landslides in Canada $22,000 2002</td>
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<td>13</td>
<td><strong>Canadian Water Network.</strong> Dore as PI</td>
<td>Program Leader grant: Infrastructure Theme $15,000 2001</td>
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<td>14</td>
<td><strong>Network Centres for Excellence (2001).</strong> Funded by NSERC, SSHRC and CIHR. with Mohammed Dore as one of Six Theme leaders of CWN.</td>
<td>Canadian Water Network (CWN-RCE), awarded 2001 $14.9 million 2001-2004</td>
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<td>15</td>
<td><strong>Canadian Water Network, Dore as PI</strong></td>
<td>Water Infrastructure $672,000 2001</td>
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<td>16</td>
<td><strong>Canadian Water Network.</strong> Dore as PI</td>
<td>Case studies in climate change impacts on water $235,320 2001</td>
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<td>17</td>
<td><strong>Natural Resources Canada, Impacts &amp; Adaptation.</strong> Dore as PI</td>
<td>The value of water infrastructure data $24,000 June 2001-April 2002</td>
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<td>18</td>
<td><strong>Canadian Climate Change Action Fund.</strong> Administered by Natural Resources Canada (2001). Dore as PI</td>
<td>The Cost of climate change and adaptation $120,000 2001</td>
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<td>19</td>
<td><strong>Inter-American Institute for Global Change Research.</strong> A consortium of funding agencies that includes the IAI, the US NSF, and the French Development Agency. Project: Participants: 8 universities from the Americas (including Brock), governmental organizations, and Latin American NGOs PI: Michael McClain, with Dore and others as CO-PIs.</td>
<td>$100,000 1999</td>
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<tr>
<td>Project Description</td>
<td>Total Budget</td>
<td>Year</td>
<td></td>
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<td>Andean Amazon Rivers Analysis and Management Project (called AARAM Project)</td>
<td><strong>US $1.2 million.</strong> Dore’s share</td>
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</table>
Member of Joint Project: *Climate Change (updating Chapter 1 of Canada Country Study on Climate Change)*  
My Project: *the Value of Climate Data* | **$5,000**  
**$4,000**  
**$10,000** | 199-2001  
1998 |
| 21. Inter-American Centers for Excellence (a consortium of the U.S. NSF, Brazilian NSF). Budget US$1 million | Global Climate Change and Sustainable Development | **$120,000** | 1998 |
| 22. National Science Foundation (USA)....with Dore as Principal Investigator | Human Dimensions of Global Change and Sustainable Forest Management (Inter American Global Change Program) | **US $50,000** | 1996-1997 |
1981-85 |
| 25. Social Sciences and Humanities Research Council Dore as PI | Standard grant: Resource allocation mechanisms | **$9,000** |  |

4. **OTHER RESEARCH GRANTS**

Year 2000

1. *Federal and Provincial Parks Council (Ottawa)*  
   TOPIC: Carbon Sequestration in Protected Areas  
   **$14,900**

2. *Canadian Research Forum (Ottawa)*  
   TOPIC: Rural-Urban Labour Market Characteristics Of First Nations  
   **$4,050**

Curriculum Vitae: M.H.I. Dore  
*Revised: Jan., 11, 2017.*
5. SMALLER RESEARCH GRANTS

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

<table>
<thead>
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<th>Year</th>
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<tr>
<td>1981-1982</td>
<td>$400</td>
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<tr>
<td>1982-1983</td>
<td>$500</td>
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<td>1983-1984</td>
<td>$600</td>
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<tr>
<td>1985-1986</td>
<td>$700</td>
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<td>1987-1988</td>
<td>$600</td>
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<td>1989-1990</td>
<td>$2600</td>
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<td>1991-1992 Burgoyne Centre for Entrepreneurship</td>
<td>$300</td>
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(b) University of Saskatchewan Research Grants:

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<tr>
<td>1976-1977</td>
<td>$1,000</td>
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<td>1977-1978</td>
<td>$1,000</td>
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<tr>
<td>1978-1979</td>
<td>$1,300</td>
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<td>1979-1980</td>
<td>$1,400</td>
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6. VISITING APPOINTMENTS

Nov. 1994: Short Term Visiting Fellow, University College, London
1992-1995: Adjunct Professor, Cornell University
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
management for Infrastructure such as water).


9. CONSULTING EXPERIENCE

1. Consultant to Victoria Capital Region District, Water Services Division, on Climate Change and Climate Extreme Events, 2007-2008.


3. Consultant to Regional Municipality of Niagara, Water and Wastewater Division, on development of new technology for drinking water security, 2004-2005


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".


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).

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.


5. Founding President of Oakridge Parent Teacher Association, for one and a half years until September 1987.


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):
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