



**The University of Winnipeg,
the Centre for Sustainable Transportation and
the Institute of Urban Studies
present**

***When Energy Demand Exceeds
Supply:
Impacts on Transportation and
Cities***



**A Symposium and free public lecture featuring
James Howard Kunstler, author of
“The Long Emergency”**

**Winnipeg Art Gallery, Brio Hall & Auditorium
300 Memorial Boulevard, Winnipeg, MB
Wednesday April 19, 2006**



**The
Centre for
Sustainable
Transportation**

**Le
Centre pour
un transport
durable**



**THE UNIVERSITY OF
WINNIPEG**

WHEN ENERGY DEMAND EXCEEDS SUPPLY: IMPACTS ON TRANSPORTATION AND CITIES

The University of Winnipeg, through its Centre for Sustainable Transportation and its Institute of Urban Studies, is hosting an all day symposium on Wednesday April 19, 2006 to review energy futures and their implications for transport and cities. It will draw attention to the potential need for action by individuals, the private sector and government agencies to forestall the worst of these implications. The symposium will feature internationally-recognized authorities on the subject of “**peak oil.**”

The Context

Civilization as we know it depends on continuing supplies of fossil fuels: coal, oil, and natural gas. **The long-term availability of the last two is very much in question.** The rate of new discoveries is declining, and production from existing wells cannot be increased enough to offset the rapid increases in demand. When demand exceeds supply, prices rise steeply if demand cannot be reduced. Transport accounts for 39% of use of delivered energy in Canada and the U.S., and 26% elsewhere. Worldwide, more than 99% of transport is fuelled by oil.

By 2020, use of oil for transport is set to increase by more than a third in the U.S. and Canada, and by more than half elsewhere, if supplies are available. Unless things change, most of this transport activity will occur in and near automobile-dependent cities. A continuously increasing supply of oil is very much in doubt. Thus, **large price increases are possible.** Lack of adequate progress toward transport system and city forms that use much less oil could result in enormous hardship to individuals and businesses around the world.

Canada depends heavily on transportation. Its settlements are scattered, and international trade comprises a large part of its economy. Thus, the impacts of dramatic changes in transportation and our cities could be greater for Canadians than for most other people. Practicable applications of alternative energy sources are not likely to be available in time to offset the expected sharp increases in the price of conventional oil. Early transition to less energy-intensive transport systems may be essential.

Why a symposium?

The purpose of the symposium is to expose participants to the topic of oil depletion and to encourage reflection—particularly in respect to Canada’s cities—on **how to prepare** for what seems to be a strong possibility of large increases in the price of oil and natural gas.

8:00 to 9:00 AM Registration and Refreshments – Brio Hall

Chair for the morning session

Dr. Jino Distasio, Director, Institute for Urban Studies, University of Winnipeg and member of the Board of Directors – The Centre for Sustainable Transportation

9:00 to 9:15 Opening Remarks and Welcome – **Honourable Lloyd Axworthy, President, University of Winnipeg**

9:15 to 9:45 “The Peaking of Oil and Gas Supplies” **Professor Bill Buhay, Assistant Professor, Department of Geography, University of Winnipeg**

9:45 to 10:15 “A Marketplace perspective” -- **Peter Buchanan, Canadian Imperial Bank of Commerce (invited)**

10:15 to 10:45 Refreshment Break

10:45 to 11:15 “The Petroleum Producers’ Viewpoint” – **J.S. Skowronski, Canadian Petroleum Products Institute (invited)**

11:15 to 12:00 “The Potential Impacts of Very High Fuel Prices on Canada’s Transport Systems and Cities” – **Dr. Richard Gilbert, The Centre for Sustainable Transportation**

12:00 to 12:30 “Possible Urban Responses,” **Stuart Ramsey, City of Burnaby B.C.**

12:30 – 1:15 **Buffet Luncheon, Brio Hall**

Chair for the afternoon session *Mr. John Spacek*, Assistant Deputy Minister, Transportation Policy and Regulations, Department of Transportation and Government Services, Province of Manitoba and Chair, Board of Directors, The Centre for Sustainable Transportation

1:15 to 1:45 **The Honourable Ron Lemieux, Minister of Transportation and Government Services - Manitoba**

1:45 – 2:45 “The Societal Impacts” **James Howard Kunstler, author of *The Long Emergency: Surviving the Converging Catastrophes of the Twenty-first Century*.**

2:45 to 3:15 “Can Canada’s Institutions Cope with the Oil Depletion Scenario”
The Right Honourable Edward R. Schreyer, P.C., C.C., C.M.M., O.M., C.D., Chancellor, University of Brandon, Manitoba

3:15 to 3:30 Refreshment Break

3:45 to 4:45 “Where do we go from here?” Panel chaired by **Hon. Lloyd Axworthy.**

4:45 Adjournment

7:00 – 8:30 **Free public lecture and discussion** -- James Howard Kunstler: “The Long Emergency” -- Winnipeg Art Gallery Auditorium

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IMPACTS ON TRANSPORTATION AND CITIES**

**A Symposium Hosted by
The Centre for Sustainable Transportation,
The Institute of Urban Studies and
The University of Winnipeg**

April 19th 2006

REGISTRATION FORM

Print this form and mail or fax with payment

Last Name _____ First Name _____

Title _____

Company/Organization/University _____

Mailing address: _____

City _____ Province/Territory/State _____

Postal/zip code _____ Country _____

Email address: _____

Daytime Phone : () _____ Fax: () _____

Your organization/affiliation's website to share with participants: _____

****PLEASE CIRCLE!**** Note: All amounts are in Canadian dollars.

	Early Registration (By March 31 st)	Standard Registration (By April 15 th)
Regular Rate	\$175.00	\$200.00
Student Rate	\$50.00	\$75.00

TOTAL \$ _____ + 7% GST _____ = TOTAL ENCLOSED \$ _____
(Add all fees) (Total x .07)

METHOD OF PAYMENT: Cheque* Money Order*
 VISA # _____ Mastercard # _____
Expiry date __/__/__ Card Holder's Signature _____

*Cheque or Money Order? Make payable in Canadian funds to: **The Institute of Urban Studies**

- **REFUND POLICY:** Cancellations received in writing by April 15th, will be accepted and fees refunded less a \$20.00 administration fee. Cancellations after this date cannot be accepted. However, transfer of registration to another person will be accepted up to and including the date of the conference.
- **RECEIPTS** will be issued at the conference.

Please send this form with your cheque, money order, credit card information or Bursary Application to:

**OIL DEPLETION SYMPOSIUM REGISTRATION,
INSTITUTE OF URBAN STUDIES,
#103 – 520 PORTAGE AVENUE, WINNIPEG, MANITOBA, CANADA R3C 0G2
(If you are paying by credit card, you may fax this completed form to (204) 943-4695)**



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**The University of Winnipeg,
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present
*a free public lecture --***

***The Long Emergency:
Surviving the Converging Catastrophes
of the 21st Century***

featuring



James Howard Kunstler

7:00 – 8:30

April 19th

**The Muriel Richardson Auditorium,
Winnipeg Art Gallery
300 Memorial Boulevard**