

Lecture 18 – Environmental Change and Challenges

1. Global Perspectives
2. Canadian Perspective
3. Individual Actions

Key Concepts

- Global Perspectives on Environmental Change
- Rise of Consumerism
- Global Trends and Ecosystem Services
- The MDG goals, Human Development Index and Resource Consumption
- State of the Environment in Canada
- Canada's record with environmental agreements and policies
- Individual actions, corporate responsibility, and governmental accountability

1. Global Perspectives

- 21st century:



Global Perspectives (2)



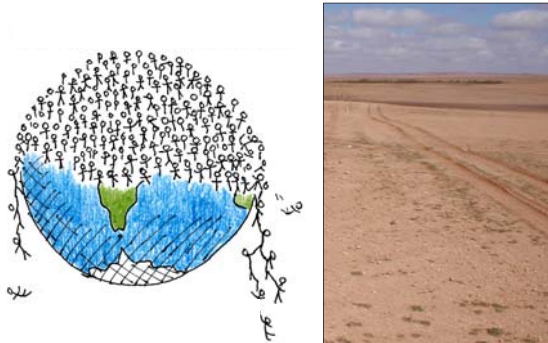
Global Perspectives (3)



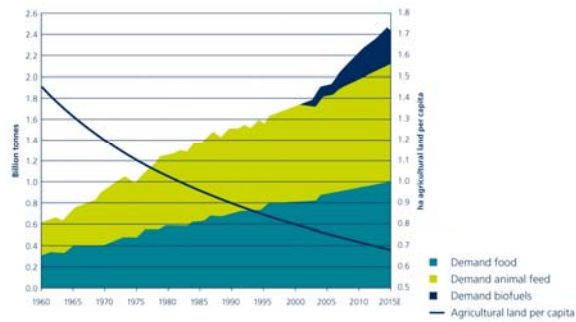
Global Perspectives (4)



Global Perspectives (5)



Global Perspectives (6)



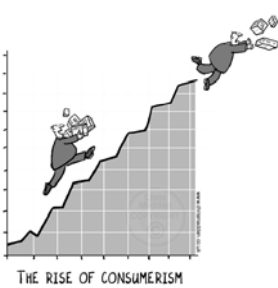
Consumption of Material Goods

- Now:



Rise of the Consumer Class

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Rise of the Consumer Class (2)

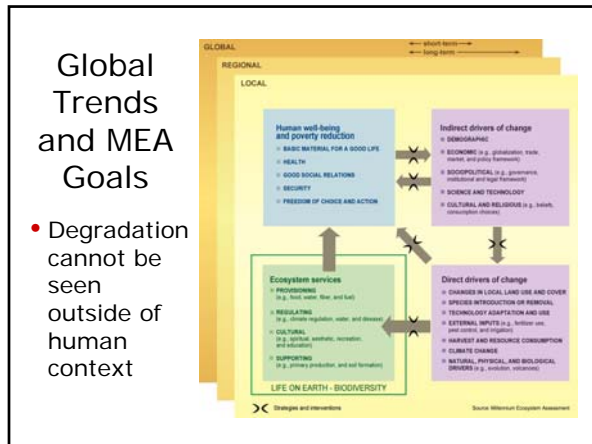
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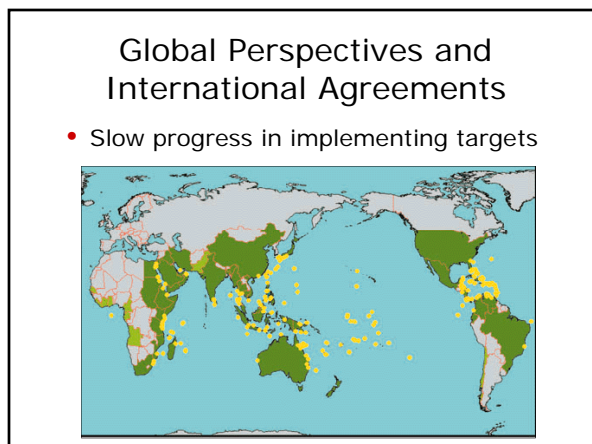
Global Trends and Ecosystem Services

- MEA (2005), out of 24 major ecosystem services supporting humanity:









Global Perspectives and International Agreements

- Slow progress in implementing targets



Consumption and Development

- Human Development Index:

- to a certain point
- Past that point:



Consumption and Policy Challenge

- Raising consumption:
- While reducing it:
- For equity



2. Canadian Perspective

- Canada ranks high on the Human Development Index
- Record on environmental management:



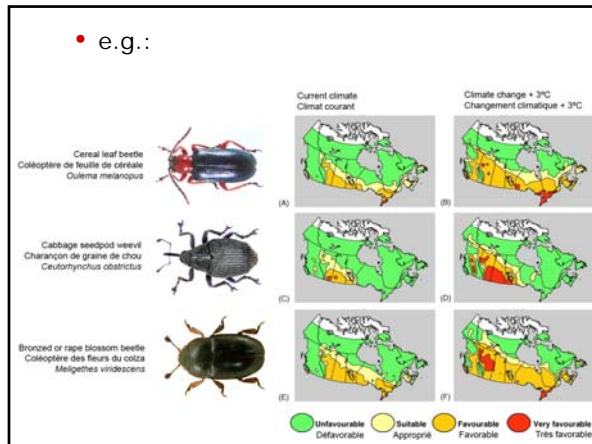
Pollution and Health

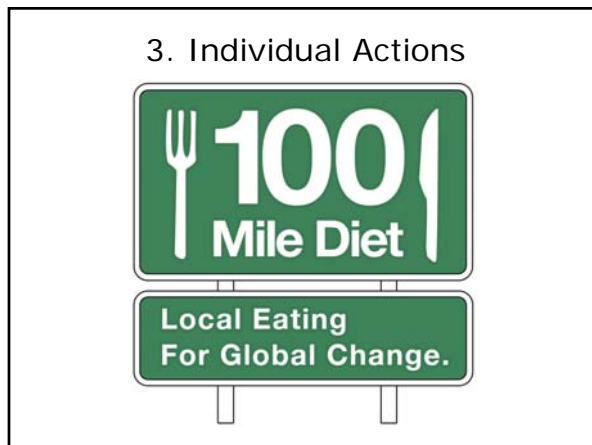
- Total:

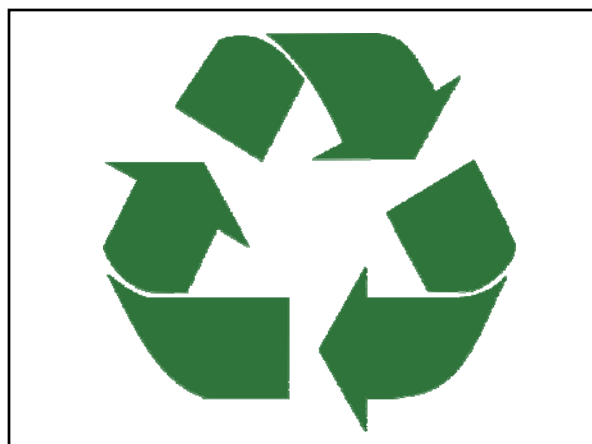


Canada and International Agreements

- According to Auditor General (2008):
- Progress towards meeting its agreed targets:
- Information from governmental agencies is:
- Planning, monitoring, and reporting and development of along-term plan for sustainable development:







Corporate Responsibility

- Retailer leading the way to more sustainable way of doing things
- Life Cycle Assessments (LCA):



Governmental Accountability

- Governments make decisions that can promote sustainability
- E.g.:



Governmental Accountability (2)







Conclusion

- Environmental conditions will continue to deteriorate through the 21st century
- The consumption of material goods is now the dominant ideology
- While Canada ranks high on the Human Development Index, its poor record on environmental performance is generally overlooked

TO DO!

1. Next lecture: **Course Wrap-Up**
2. Marks for Term Paper will be released on
Wednesday December 6
