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Use of Geoscience in Population Health Risk Assessment

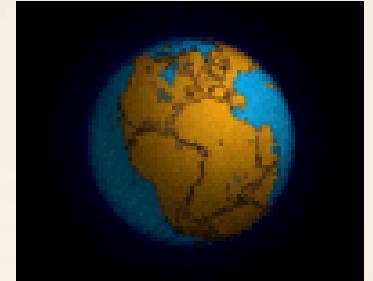
Wednesday , November 28, 2007

University of Ottawa

Senate Room (083), Tabaret Hall

550 Cumberland Street

Ottawa, Ontario



Natural Resources
Canada

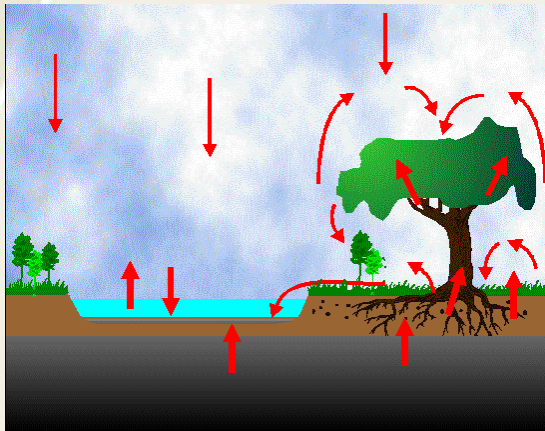
Ressources naturelles
Canada

Canada



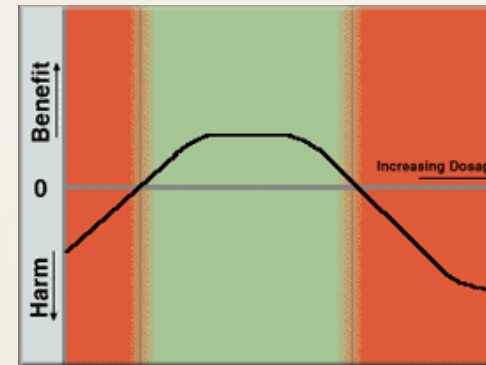
Environment and Health Program at NRCan

- Characterizing the Surficial Geochemical Environment



A role for environmental geochemistry is to characterize the **spatial** and **temporal** variation in concentrations of elements in the surface environment.

Why?

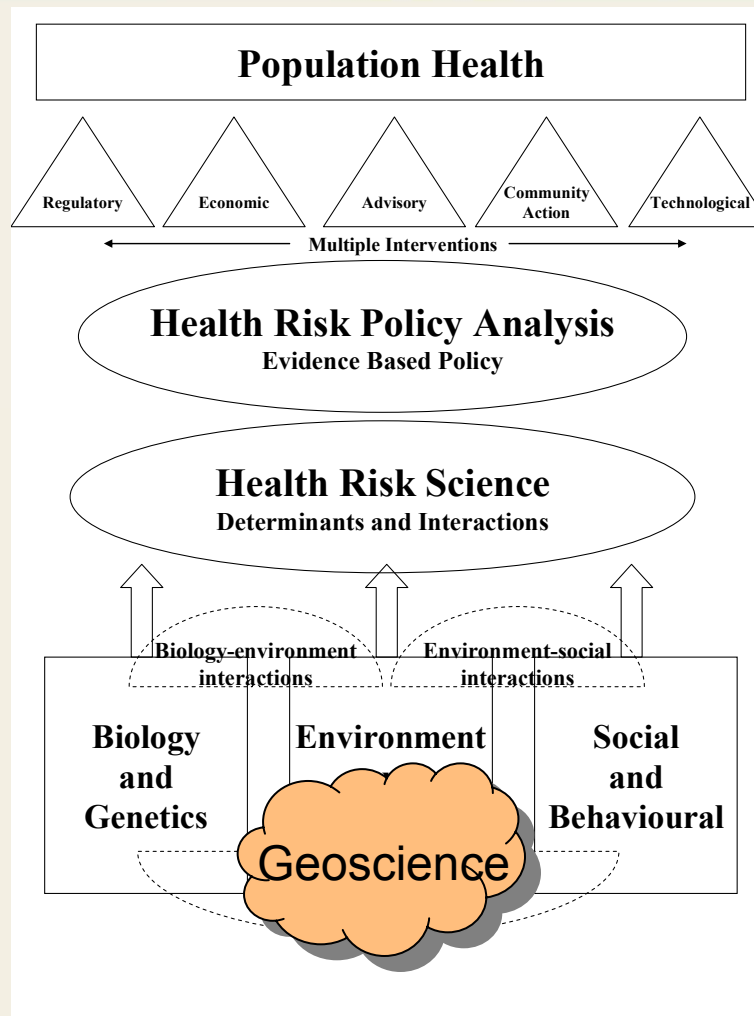


To sustain life most elements are required to remain healthy, but excessive doses or insufficient levels of the same element can harm us.

Knowledge on geochemistry can support government

policy to reduce risk to environmental and human health.

Use of Geoscience in Population Health Risk Assessment





Use of Geoscience in Population Health Risk Assessment

- **GOAL**

- To develop a short and long-term action plan to incorporate geoscience with population health risk assessment, including the identification of risk issues that can be addressed with geoscience.





Use of Geoscience in Population Health Risk Assessment

- **9:00- 9:15am** **Registration**
- **9:15-9:20am** **Welcome**, André Lalonde, University of Ottawa
- **9:20-9:30am** **Workshop objectives**, Andy Rencz, Natural Resources Canada
- **9:30-10:00am** **What is geosciGOAL**
- **To develop a short and long-term action plan to incorporate geoscience with population health risk assessment, including the identification of risk issues that can be addressed with geoscience.ence?** Rod Klassen, Natural Resources Canada
- **10:00- 10:30am** **What is Population Health Risk Assessment?** Daniel Krewski, UofOttawa
- **10:30-11:00am** Coffee break
- **11:00- 11:20am** **Geoscientific data bases: data types, availability and application**, Eric Grunsky, Natural Resources Canada
- **11:20- 11:40am** **Linkages between geoscience and population health**, Dave Smith, United States Geological Survey (USGS)
- **11:40- 12:00pm** **Use of Geoscience data in population health risk assessment**, Mark Richardson, Health Canada
- **12:00- 1:00pm** **Lunch**
- **1:00- 3:00pm** **Panel discussion:** “Development of a Canadian health geoscience initiative”
- **Panel chair:** Murat Saatcioglu (UofOttawa, Faculty of Engineering)
- **Panel members:**
- **Harry Foster** (University of Victoria)
- **Mark Hannington**, (UofOttawa, Earth Science Department)
- **Mike Jerrett** (Berkeley University)
- **Donna Kirkwood**, Natural Resources Canada
- **Dave Smith**, USGS
- **3:00-3:30 pm** **Coffee break**
- **3:30-4:00pm** **Summary and Next Steps**, Daniel Krewski,
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Thank you.

