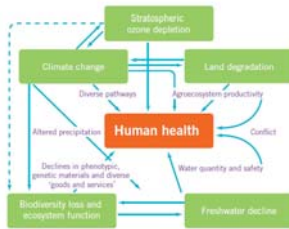


## LIFE SCI 2X03- Environmental Life Sciences *Environmental Change and Human Health*

Figure 1.2 Interlinkages between major types of global environmental change



Source: McMichael et al. (2003)

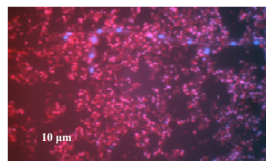
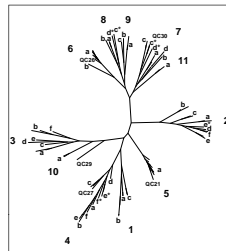
**Instructor:**  
Luc Bernier



Email:  
bernierjm@mcmaster.ca

Office hours: Mondays,  
2:00 to 3:00 p.m.;  
Tuesdays, 11:00 a.m. to  
noon; GSB-202

A2L:  
avenue.mcmaster.ca



### When Contacting me

• **Always make sure to include the following:**

- Your Full Name
- Your Student ID number
- Which course you are contacting me about

• **If you have a question, please make sure first that you:**

- Read the course outline
- Read the FAQ
- Looked at the posts and news on A2L
- Listened to the reminders during Lecture and during Tutorial (made by your TA)

### **Learning Objectives**

- You will be able to identify and assess the most pressing environmental changes worldwide from a scientific perspective.
- You will be able to appreciate the interconnectedness between various ecosystem services and human health
- You will be able to understand how changes to these services may impact human health.
- You will be able to discuss possible solutions to these issues.

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### ***What is the course about?***

Series of Topics

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### ***How are the Lectures Organized?***

- Outline with topics
- List of Key concepts – useful for studying
- (Often a few important reminders at the start)
- Lectures organized around review of environmental picture and role for human health
- Case Studies (from Readings) discussed during Lecture
- i-Clicker participation to measure understanding
- Lectures slides posted on A2L
- End of Lecture questions; for Gr. Discussion
- **TO DO LIST!!**

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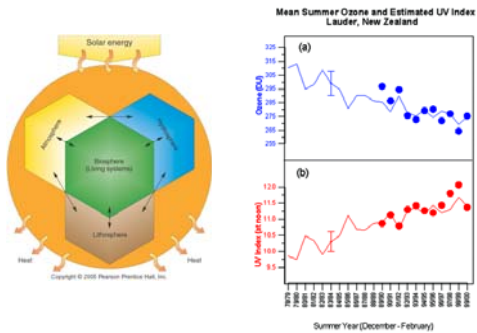
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## Lecturing Style and Visuals




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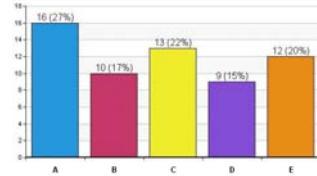
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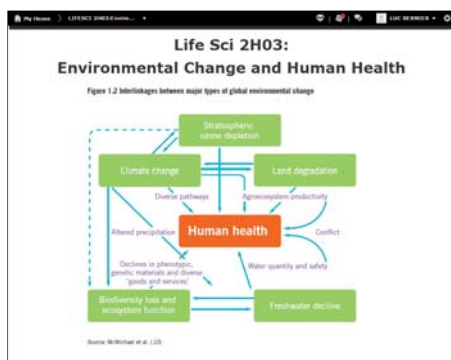
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## Avenue to Learn: A Quick Tour




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## Avenue to Learn: ECHO360




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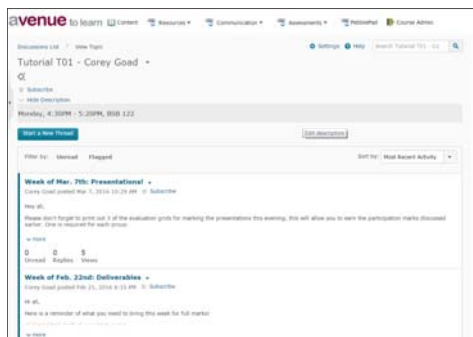
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## What is the role of Avenue to Learn (A2L) in the course?




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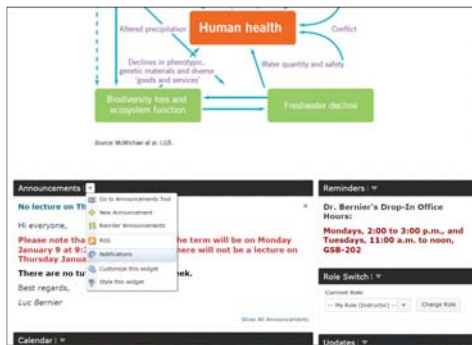
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## How can you use Avenue to Learn (A2L) to stay updated?




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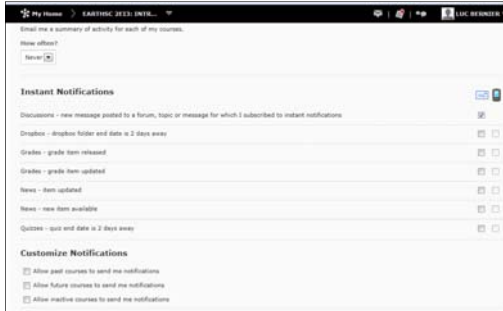
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## How can you use Avenue to Learn (A2L) to stay updated?




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## What materials do you need for this course?

- No Textbook required!
- Links to readings on A2L




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## How will you be evaluated?

**Term Paper:** 15% of final mark

**Group Presentation:** 15% of final mark

**Participation to Group Discussions:** 10%

**Midterms:** 2 @ 10% each; 20% of final mark

**i-Clicker Participation:** 10% final mark

- **Participation recorded starting Monday Jan. 16<sup>th</sup> 2017**

**Final Exam**

- 30% of final mark; in April – Scheduled by Registrar's Office

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***What will you do during the Tutorials?***



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***How is the Final Exam Organized?***

**Test Format:**

- 2.5 hours
- multiple choice questions, **covering the last 1/3 of the course**
- **Questions will focus on key concepts**
- **A few short answers from questions to be discussed in Tutorials**
- From Lectures, Questions from Gr. Discussions, Readings (if discussed in lecture)
- **More info available near the end of Term**

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**Course Outline**

- Lectures, Resources
- Evaluation and i-Clicker
- Attendance and Emails Policy
- Tutorials and Group Presentation
- Missed/Late work
- Special Accommodations
- MSAF, A2L, Marks and A2L Grades
- Student Conduct
- Academic Dishonesty
- Acknowledgement of Course Policies
- Schedule of Activities

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**TO DO!!!**

1. Familiarize yourself with the Course Policies:  
read the Course Outline and the FAQ
2. Read Articles 1 and 2 (under Links, on A2L)

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**Good luck this term!**

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