Instructor  
Nicholas E. Mandrak, Ph.D.  
Office: SW560; Office Hours: Tuesdays 3-4 PM or by appointment  
E-mail: nicholas.mandrak@utoronto.ca  
Note: I will only respond to course-related e-mails sent from an official University of Toronto e-mail address.

Lectures: Tuesdays 11-1, HW214

Tutorials: Tuesdays 2-3, MW140 (refer to schedule)

Teaching Assistants  
BIOD54H3 – Fielding Montgomery (fielding.montgomery@mail.utoronto.ca)  
EES3000H – Rowshyra Castaneda (rowshyra.castaneda@mail.utoronto.ca)

Prerequisite: BIOC63H3 (Conservation Biology) or equivalent.

Course Overview  
Canada has a complex conservation landscape. Through lectures and interactive discussions with leading Canadian conservation practitioners, this course will examine how conservation theory is put into practice in Canada from our international obligations to federal and provincial legislation and policies.

Course Objectives  
By the end of this course, you will have the information required:
  • To understand the role of science in government.
  • To understand terrestrial and aquatic biodiversity patterns in Canada.
  • To understand how conservation theory is put into practice to protect terrestrial and aquatic biodiversity, with emphasis on the federal level.
  • To understand the science behind COSEWIC and SARA.

Required Readings and Lecture Notes  
Electronic versions of required readings and lecture notes will be placed on the Blackboard course website before, or immediately after, the lecture. In the case of primary literature, a link to the library electronic version will be provided. Posting of the presentations of guest lectures will be at the discretion of the guest. It is highly recommended that you take additional notes during lectures and tutorials. All assigned readings and material covered during lectures and tutorials will form the subject matter for the examinations.
Evaluation
Mid-term Examination (25%) – February 23, 2016
Final Examination (25%) - TBA
Scientific Report (30%) – Due March 15, 2016
Independent Assignment (10%) – Due March 22, 2015
Lecture and Tutorial Participation (10%)

Attendance
Students are REQUIRED to attend both the lectures and the tutorial. Note: Only fully completed official University of Toronto Illness Verification forms will be accepted for consideration (www.illnessverification.utoronto.ca). Other notes will not be accepted.

Emergency Planning
Students are advised to consult the university’s preparedness site (http://www.preparedness.utoronto.ca) for information and regular updates regarding procedures relating to emergency planning.

Accessibility Needs
The University of Toronto is committed to accessibility. If you require accommodations for a disability, or have any accessibility concerns about the course, the classroom or course materials, please contact The UTSC Accessibility Services as soon as possible: http://www.utsc.utoronto.ca/~ability/.

We also suggest you also refer to the following University of Toronto Scarborough Library link: http://utsc.library.utoronto.ca/services-persons-disabilities

Plagiarism
University of Toronto code of Behaviour on Academic Matters states that "it shall be an offense for a student knowingly: to represent as one's own any idea or expression of an idea or work of another in any academic examination or term test or in connection with any other form of academic work, i.e., to commit plagiarism."
For accepted methods of standard documentation formats, including electronic citation of internet sources please see the UofT writing website at: http://www.writing.utoronto.ca/advice/using-sources/documentation

The full Code of Behaviour regulations could be found from consulting http://www.sgs.utoronto.ca/facultyandstaff/Pages/Academic-Integrity.aspx

Normally, students will be required to submit their course essays to Turnitin.com for a review of textual similarity and detection of possible plagiarism. In doing so, students will allow their essays to be included as source documents in the Turnitin.com reference database, where they will be used solely for the purpose of detecting plagiarism. The terms that apply to the University's use of the Turnitin.com service are described on the Turnitin.com web site.
**Writing and English Language**
As well as the faculty writing support, please see English Language and writing support at University of Toronto: [http://www.sgs.utoronto.ca/currentstudents/Pages/English-Language-and-Writing-Support.aspx](http://www.sgs.utoronto.ca/currentstudents/Pages/English-Language-and-Writing-Support.aspx)

**Schedule**

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<thead>
<tr>
<th>Date</th>
<th>Lecture</th>
<th>Tutorial</th>
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<tbody>
<tr>
<td>Jan 5</td>
<td>Introduction; The Role of Science in Government</td>
<td>Discuss scientific report and independent assignment</td>
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<tr>
<td>Jan 12</td>
<td>Conservation and Biodiversity at the Federal Level</td>
<td>EES3000 – Paper Discussion</td>
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<tr>
<td>Jan 19</td>
<td>Federal Protected Areas</td>
<td>Gilles Seutin, EC</td>
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<tr>
<td>Jan 26</td>
<td>Federal Marine Protected Areas</td>
<td>BIOD54 – Paper Discussion</td>
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<tr>
<td>Feb 2</td>
<td>COSEWIC</td>
<td>EES3000 – Paper Discussion</td>
</tr>
<tr>
<td>Feb 9</td>
<td>COSEWIC</td>
<td>BIOD54 – Paper Discussion</td>
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<tr>
<td>Feb 16</td>
<td>Reading Week</td>
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<tr>
<td>Feb 23</td>
<td><strong>Midterm Examination</strong></td>
<td>Optional – Eric Taylor, Chair, COSEWIC, Feb 25 at 2:00</td>
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<tr>
<td>Mar 1</td>
<td>Species at Risk Act - Aquatic</td>
<td>Lynn Bouvier, DFO</td>
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<tr>
<td>Mar 8</td>
<td>Species at Risk Act - Terrestrial</td>
<td>Becky Cudmore, DFO</td>
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<td>Mar 15</td>
<td>Invasive Species</td>
<td>TBA</td>
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<td>Mar 22</td>
<td>Conservation and Biodiversity at the Provincial Level - Terrestrial</td>
<td>Bill Crins, OMNRF (retired)</td>
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<tr>
<td>Mar 29</td>
<td>Conservation and Biodiversity at the Provincial Level - Aquatic</td>
<td>Scott Reid, OMNRF</td>
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