

## GEOG 457

### Marine Protected Areas (MPAs)

January – April, 2016

**Instructor:** Charlie Short

**Email:** [Charles.short@gov.bc.ca](mailto:Charles.short@gov.bc.ca)

**Office Hours:** Thursdays 5pm – 6pm | TBD

**Class Schedule:** Thursdays 6:30pm - 9:20pm | Clearihue Building C115 | Jan 6<sup>th</sup> – March 31st

#### Course Description

This class will focus on many elements inherent in marine protected area (MPA) design, governance, implementation, management, compliance and monitoring. The course will cover foundational topics like ecosystem-based management and key ecological, socio-economic and cultural considerations in the broader field of marine conservation. The emerging field of marine spatial planning will also be examined in relation to MPAs. There will be a focus on the Canadian context and on temperate MPAs in British Columbia specifically - international examples will also be drawn upon where applicable.

#### Course Format

This will be a lecture and seminar style class. Students will be expected to engage in discussions on select topics. A field trip may be possible to local sites.

#### Course Evaluation

Students will be expected to carry out a variety of exercises including presentations, short papers, exams, and participate in class discussions. There is no required textbook for this class.

1. Writing assignment	35	March 24 <sup>th</sup> , 2016
2. Mid-Term Exam	20	February 18 <sup>th</sup> , 2016
3. Presentations	20	February 25 <sup>th</sup> – March 17 <sup>th</sup> , 2016
4. Final Exam	15	March 31 <sup>st</sup> , 2016
5. Participation	10	
<b>Final</b>	<b>100</b>	

Prerequisites: Geog 357 or by permission

Course Schedule	Focused Topics <i>(subject to some change)</i>
<b>Week 1   Jan 7</b>	<ul style="list-style-type: none"> <li>• Introduction to Course</li> <li>• Class Roundtable &amp; Group Assignments</li> <li>• The Big Picture               <ul style="list-style-type: none"> <li>○ Marine Ecology 101</li> <li>○ Marine conservation</li> <li>○ What are MPAs?</li> </ul> </li> </ul>
<b>Week 2   Jan 14</b>	<ul style="list-style-type: none"> <li>• Marine Ecosystem Based Management</li> <li>• Marine Spatial Planning – Case Study: <i>Marine Planning Partnership for the North Pacific Coast</i></li> <li>• Why MPAs?</li> </ul>
<b>Week 3   Jan 21</b>	<ul style="list-style-type: none"> <li>• Types of MPAs</li> <li>• Different MPAs for Different Contexts</li> <li>• Benefits of MPAs               <ul style="list-style-type: none"> <li>○ Economic, Social, Cultural, Ecological</li> </ul> </li> <li>• MPA Effectiveness</li> <li>• Overview of MPA management issues and challenge</li> </ul>
<b>Week 4   Jan 28</b>	<ul style="list-style-type: none"> <li>• MPA Design – techniques, tools &amp; assessments</li> <li>• MPA Networks</li> </ul>
<b>Week 5   Feb 4</b>	<ul style="list-style-type: none"> <li>• MPA Governance – International Synopsis</li> <li>• MPA Governance in Canada</li> <li>• MPA Governance in British Columbia</li> <li>• Current Challenges</li> </ul>
<b>Week 6   Feb 18</b>	Mid-Term Exam
<b>Week 7   Feb 25</b>	<ul style="list-style-type: none"> <li>• MPAs in Canada               <ul style="list-style-type: none"> <li>○ Progress and Challenges</li> </ul> </li> <li>• Canadian Case Study <i>(guest lecture possible)</i></li> </ul> <p><i>Class Presentations   Round 1</i></p>
<b>Week 8   March 3</b>	<ul style="list-style-type: none"> <li>• MPAs in BC <i>(guest lecture possible)</i> <ul style="list-style-type: none"> <li>○ Temperate MPAs</li> <li>○ Overview, history, status, progress and challenges</li> </ul> </li> </ul> <p><i>Class Presentations   Round 2</i></p>
<b>Week 9   March 10</b>	<ul style="list-style-type: none"> <li>• MPAs – The Art of Engagement and Process Design               <ul style="list-style-type: none"> <li>○ Who needs to play ball?</li> <li>○ Critical components to success</li> </ul> </li> </ul> <p><i>Class Presentations   Round 3</i></p>
<b>Week 10   March 17</b>	<ul style="list-style-type: none"> <li>• MPAs and Communities <i>(guest lecture possible)</i> <ul style="list-style-type: none"> <li>○ Values, perceptions and social impacts of MPAs</li> <li>○ Indigenous (First Nations) people and MPAs</li> </ul> </li> </ul> <p><i>Class Presentations   Round 4</i></p>

<b>Week 11   March 24</b> <i>Writing Assignment Due</i>	<ul style="list-style-type: none"> <li>• Management of MPAs and Challenges <ul style="list-style-type: none"> <li>○ Role of Education, Awareness, and Capacity Building</li> <li>○ Compliance and Enforcement</li> </ul> </li> <li>• Course Wrap Up and Summary</li> </ul>
<b>Week 12   March 31</b>	<ul style="list-style-type: none"> <li>• Final Exam</li> </ul>

### Undergraduate Grading\*\*

<i>Passing Grades</i>	<i>Description</i>
A+ A A-	<b>Exceptional, outstanding and excellent</b> performance. Normally achieved by a minority of students. These grades indicate a student who is self-initiating, exceeds expectation and has an insightful grasp of the subject matter.
B+ B B-	<b>Very good, good and solid</b> performance. Normally achieved by the largest number of students. These grades indicate a good grasp of the subject matter or excellent grasp in one area balanced with satisfactory grasp in the other area.
C+ C	<b>Satisfactory, or minimally satisfactory.</b> These grades indicate a satisfactory performance and knowledge of the subject matter.
D	<b>Marginal</b> Performance. A student receiving this grade demonstrated a superficial grasp of the subject matter.
COM	<b>Complete</b> (pass). Used only for 0-unit courses and those credit courses designated by the Senate. Such courses are identified in the course listings.

\*\* As stated in the 2014-2015 UVic Calendar

A+	A	A-	B+	B	B-	C+	C	D	F
90-100%	85-89%	80-84%	77-79%	73-76%	70-72%	65-69%	60-64%	50-59%	49% or Less

Geography Departmental web site: <http://geography.uvic.ca/>  
Degree planning guide: <http://www.geog.uvic.ca/undergraduate>  
Undergraduate Advisor: Dr. Phil Wakefield ([philw@geog.uvic.ca](mailto:philw@geog.uvic.ca))

### Course Experience Survey (CES)

I value your feedback on this course. Towards the end of term, as in all other courses at UVic, you will have the opportunity to complete an anonymous survey regarding your learning experience (CES). The survey is vital to providing feedback to me regarding the course and my teaching, as well as to help the department improve the overall program for students in the future. The survey is accessed via MyPage and can be done on your laptop, tablet, or mobile device. I will remind you and provide you with more detailed information nearer the time but please be thinking about this important activity during the course.

*Students with diverse learning styles and needs are welcome in this course. In particular, if you have a disability/health consideration that may require accommodations, please feel free to approach me and/or the Resource Centre for Students with a Disability (RCSD) as soon as possible. The RCSD staff are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations <http://rcsd.uvic.ca/>. The sooner you let us know your needs the quicker we can assist you in achieving your learning goals in this course.*

*The University of Victoria is committed to promoting, providing and protecting a positive and safe learning and working environment for all its members.*