2018 COURSE OUTLINE & LECTURE OVERVIEW
Geog 353 A01 *Coastal & Marine Resources*

Instructor: Dr. Kyle Artelle. (email: *kartelle[AT]uvic.ca*)

Course Website: TBA

Class times/location: Mons & Thurs, 13:00-14:20, MacLaurin Building D116, Coast & Straight Salish Territories, specifically of the Lekwungen (Songhees) & WSÁNEĆ (Saanich) peoples

Office hours: Thurs, 14:30-16:00 (location TBA)

Course Textbook: None. Assigned readings.

Course Description:
This course will provide an integration of the ecological, scientific, cultural, and legal/policy dimensions of resource use and management in coastal areas. We will touch on a variety of topics, including aquaculture, energy, transportation, tourism and coastal development, with a particular focus on coastal wildlife and fisheries – especially those of British Columbia (BC).

Recognizing a long term relationship among environment, people and culture – as well as the rapidly changing socio-cultural-legal landscape of resource management in BC and beyond – we will explore the central role of Indigenous relationships with coastal and marine resources of the past, present, and future. Key to this content will be readings and guest lectures by Indigenous scholars and practitioners.

Course Objectives and Learning Outcomes
By the end of this course, students will:
(1) gain a strong interdisciplinary understanding of how coastal and marine resources are embedded within – and interact with – the environment, including humans who use and manage them(selves)

(2) understand historical and current resource management concepts via applied case studies, mostly from BC but with global relevance

(3) develop special taxonomic expertise related to coastal wildlife and thematic knowledge of Indigenous and scientific dimensions of resource management

Course Content
   1. **COASTAL AND MARINE ENVIRONMENTS**
        A primer on marine ecology
        Flagship marine and coastal systems
        Flagship relationships – *Salmon Ecosystems* and *Herring Ecosystems*

2. **HUMANS IN COASTAL AND MARINE ENVIRONMENTS**

    Resources, resource extraction, and 'resource management'
    State of the Oceans, globally and within British Columbia
3. **SCIENTIFIC DIMENSIONS OF RESOURCE MANAGEMENT**

    Toolkit of scientific approaches
    Uncertainty in resource management
    Fisheries and hunt management
4. **CULTURAL DIMENSIONS OF "RESOURCE INTERACTION"**

    Relationship between Indigenous culture and resources
    Indigenous Knowledge (IK) and resource management
5. **LEGAL AND POLICY DIMENSIONS OF RESOURCE MANAGEMENT**

    Common frameworks
    Indigenous Law/Aboriginal Rights and Title
6. **CONTEMPORARY AND LEADING EDGE MULTIDIMENSIONAL APPROACHES**

    Lessons in resource management from predators
    Ecosystem-based (fisheries) management
    Social-Ecological Systems, Resilience, and associated insight
    Adding value to, while conserving, salmon; bear tourism and terminal fisheries
    Indigenous leadership

Mark breakdown

Midterm Exam[+] **(Feb 22)**　　　　35%　　Major Paper outline* **(March 01)** 5%
Final Exam[+] (**in class**, **April 02**)　15%　　Major Paper* **(March 22)**　　45%

[+] **Make-up exams scheduled for medical reasons only** (with professional note)
* There will be a strict **10% per day** (or portion thereof) **penalty on late assignments**

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.

I make special efforts to work closely with students registered with the **Resource Centre for Students with a Disability**

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%	0-49%