

FNR 23000 – World Forests and Society

3 credits

MWF 3:30 – 4:20pm

HORT 117

Fall 2015

Instructor: Eva Haviarova, Associate Professor
Forest Products Bldg, Room 111A
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You will find information about this class on Blackboard:

<http://www.itap.purdue.edu/learning/tools/blackboard/>

Office hours: before/after class and via e-mail appointment

Course Objectives:

1. To develop an awareness of the forests of the world and an understanding of their variety, distribution, ecological functioning, and role in development of societies and communities.
2. To provide a global perspective of the social and economic values of forests and the multiple uses and variety of products derived from them.

Course Format:

The course will meet three times weekly and will include a variety of guest lectures coordinated by the principal instructor, Eva Haviarova.

Recommended resources:

- a) Food and Agriculture Organization of the United Nations (FAO). 2009. State of the World's Forests 2009. FAO, Rome. Available on line: <http://www.fao.org/docrep/011/i0350e/i0350e00.HTM>
- b) Perlin, John. 2005. A Forest Journey: The Role of Wood in the Development of Civilization. Harvard University Press. (ISBN 0-99150-676-1).
- c) Recommended readings are posted on Blackboard.

Course Syllabus:

Week	Day	Date	Instructor	Module	Lecture
1	Monday	24-Aug	Haviarova	I. American Forest & Ecosystem	Course Introduction (video)
	Wednesday	26-Aug	Rathfon		American Forests: Indiana
	Friday	28-Aug	Haviarova		<i>Project 1 assigned</i>
2	Monday	31-Aug	Farlee	Field Trip 1 - Martel Forest	Structure and Function of the Forest Ecosystem - Part I
	Wednesday	2-Sep	Farlee		Structure and Function of the Forest Ecosystem - Part II
	Friday	4-Sep	Haviar/Chapman		Forest Management Effects on Wildlife (<i>independent</i>)
3	Monday	7-Sep	<i>Labor Day</i>	II. World Forests	<i>Labor Day</i>
	Wednesday	9-Sep	Haviarova		World Forest Classification and Situation
	Friday	11-Sep	Haviarova		<i>Project 1 due; Project 2 assigned</i>
4	Monday	14-Sep	Dunning	Boreal Forest	Climatic Changes in Boreal & Arctic Habitats

	Wednesday	16-Sep	Shao	Temperate Forest	Forests and Forestry in China
	Friday	18-Sep	Overton		Forestry in the Russia Far East
5	Monday	21-Sep	Haviarova	<i>Project 3 assigned</i>	Review and Integration
	Wednesday	23-Sep	EXAM 1		EXAM 1
	Friday	25-Sep	Haviarova		Forest and Forestry - Canada/Europe
6	Monday	28-Sep	Haviarova	<i>Project 2 due</i>	International Trade and World Economies
	Wednesday	30-Sep	Haviarova	Tropical Forest	Forest and Forestry – Australia
	Friday	2-Oct	Burniske	(Pr. 3 Case study 1)	Eliminating Poverty – Africa, Latin America
7	Monday	5-Oct	Overton	(Pr. 3 Case study 1)	Reforestation Issues - Africa
	Wednesday	7-Oct	Haviar/Benjamin	(Pr. 3 Case study 3)	Tropical Forests & Agro Forestry - Costa Rica
	Friday	9-Oct	Haviar/Benjamin	(Pr. 3 Case study 2)	Paying for Environmental Services – Costa Rica
			Dunning		Land Use and Coffee Production – Costa Rica
8	Monday	12-Oct	<i>October Break</i>		
	Wednesday	14-Oct	Haviarova		Forests and People, Humanitarian Work
	Friday	16-Oct	Lawson		Tropical Forests of Hawaii
9	Monday	19-Oct	Duke	Sustainability	Global Warming and Carbon Sequestration by Forests
	Wednesday	21-Oct	Haviarova		Sustainability in Natural Resources
	Friday	23-Oct	Haviarova		Review and Integration (Group Project Meeting)
10	Monday	26-Oct	EXAM 2		EXAM 2
	Wednesday	28-Oct	Haviarova		Pulp and Paper
	Friday	30-Oct	Sepulveda	Fish & Aqua Management	Effect of Paper Mills on Aquatic Ecosystem
11	Monday	2-Nov	Brown	<i>Project 3 due</i>	Consumptive Uses of Native Aquatic Resources
	Wednesday	4-Nov	Goforth		Aquaculture
	Friday	6-Nov	Haviarova		Group Project
12	Monday	9-Nov	Dunning /Haviar		Project 3 Presentations
	Wednesday	11-Nov	Burniske/Haviar		Project 3 Presentations
	Friday	13-Nov	Overton /Haviar		Project 3 Presentations
13	Monday	16-Nov	Meilan	Forest Products Utilization	Short Rotation Culture and Tree Domestication
	Wednesday	18-Nov	Haviarova		Wood Products 1
	Friday	20-Nov	Haviarova		Wood Products 2
14	Monday	23-Nov	Cassens	Field trip 2 - Xmas Trees	Alternative Energy Sources
	Wednesday	25-Nov	<i>Thanksgiving</i>		
	Friday	27-Nov	<i>Thanksgiving</i>		
15	Monday	30-Nov	Haviarova		Review and Integration
	Wednesday	2-Dec	EXAM 3		EXAM 3
	Friday	4-Dec	Haviarova	World Forestry Review	Project 2 - presentation
16	Monday	7-Dec	Haviarova	Field trip 3 – Lab Tours	Project 2 - presentation
	Wednesday	9-Dec	Haviarova		Project 2 - presentation
	Friday	11-Dec	Haviarova		Project 2 - presentation

Final Exam sometime during week of December 14 to 19
 * Instructor reserves the right to change syllabus

Grading System:

Exams: 3 @ 20 % each	60 %
Final Exam	15 %
Project 1 – (Literature review)	5 %
Project 2 – (Country project)	5 %
Project 3 – (Case study project)	5 %
Attendance and participation	10 %
Total	100 %

(Two field trips will be offered during the semester for extra credit equivalent to 2% (1% each).

Grade	Range (%)
A+,A	93-100
A-	90.0 - 92.9
B+	87.0 - 89.9
B	83.0 - 86.9
B-	80.0 - 82.9
C+	77.0 - 79.9
C	73.0 - 76.9
C-	70.0 - 72.9
D+	67.0 - 69.9
D	63.0 - 66.9
D-	60.0 - 62.9
F	< 60.0

No late assignments will be accepted.

No make-up exams will be given unless arrangements are made with the instructor **prior** to the date of the exam.

Class attendance:

Attendance is **mandatory**. It is your responsibility to sign the attendance sheet each class. **TEN OR MORE UNEXCUSED ABSENCES WILL RESULT IN FAILURE OF THE COURSE.** **Up to three absences** can be excused with appropriate explanation and documentation.

Please note, if you are:

Then you are:

Late for class	Absent
Engaged in non-class related activities	Absent
Sleeping	Absent
Using your cellphone during class	Absent

The class has many guest speakers. Not following these rules is offensive to the guest speaker and an embarrassment to me and you.

Please be respectful!

In this course, each voice in the classroom has something of value to contribute. Please take care to respect the different experiences, beliefs and values expressed by students and staff involved in this course. We support Purdue's commitment to diversity, and welcome individuals of all ages, backgrounds, citizenships, disability, sex, education, ethnicities, family statuses, genders, gender identities, geographical locations, languages, military experience, political views, races, religions, sexual orientations, socioeconomic statuses, and work experiences.

Cheating:

The student is obligated to solve the home problems on his own; however, assistance (working together) is legal and sometimes necessary for learning efficiency. Cheating on quizzes and exams and plagiarism will not be tolerated and will be dealt with according to the university policy.

What is Plagiarism?

The council of Writing Program Administrators (CWPA) states that plagiarism “occurs when a writer deliberately uses someone else’s language, ideas, or other original (not common knowledge) material without acknowledging its source”. Thus, whenever a person chooses to repeat the exact words written by another author, that person must mark them with quotation marks (“”) and provide a citation to the original source.

Two excellent sources of additional guidance are:

1. Michael Harvey, *The Nuts and Bolts of College Writing* (Hackett Publishing Co.)
2. Gordon Harvey, *Writing with Sources: A Guide for Students* (Hackett Publishing Co.)

Use of electronic devices:

Use of laptop computers, cell phones, pagers, calculators, iPads, and other electronic devices is not permitted in class. Electronic devices may be brought with you to class, but they are to be closed and off/silent during the class. Repeat offenders will be marked as absent and will lose corresponding attendance points.

Campus Emergency

Purdue University is a very safe campus and there is a low probability that a serious incident will occur here at Purdue. However, just as we receive a “safety briefing” each time we get on an aircraft, we want to emphasize our emergency procedures for evacuation and shelter in place incidents. Our preparedness will be critical if an unexpected event occurs.

Emergency preparedness is your personal responsibility. Purdue University is continuously preparing for natural disasters or human-caused incidents with the ultimate goal of maintaining a safe and secure campus.

Please review the following procedures:

- *To report an emergency, call 911.*
- *To obtain updates regarding an ongoing emergency, and to sign up for Purdue Alert text messages, view www.purdue.edu/ea*
- *There are nearly 300 Emergency Telephones outdoors across campus and in parking garages that connect directly to the Purdue Police Department (PUPD). If you feel threatened or need help, push the button and you will be connected immediately.*
- *If we hear a **fire alarm**, we will immediately suspend class, **evacuate the building**, and proceed outdoors, and away from the building. **Do not use the elevator.***
- *If we are notified of a Shelter in Place requirement for a tornado warning, we will suspend class and shelter in the lowest level of this building away from windows and doors.*

- *If we are notified of a Shelter in Place requirement for a hazardous materials release, or a civil disturbance, including a shooting or other use of weapons, we will suspend class and shelter in our classroom, shutting any open doors or windows, locking or securing the door, and turning off the lights.*

For additional information, please go to the Emergency Preparedness website:

Emergency Procedures Guide (EPG) can be viewed at:

https://www.purdue.edu/ehps/emergency_preparedness/index.html

Specific building information is found in the Building Emergency Plan (BEP). The BEP is normally maintained by the Building Deputy. “Shelter in place” means that student should not leave the building when the outdoor sirens are sounded. Moreover, if the building fire alarms are activated, everyone must evacuate the building and should proceed to their emergency assembly area as specified in the BEP.

HORT—HORTICULTURE Building Emergency Plan:

http://www.purdue.edu/ehps/emergency_preparedness/bep/hort-bep.html

In the event of major campus emergency, course requirements, deadlines, and grading percentages are subject to change that may be necessitated by a revised semester calendar or other circumstance. If necessary, information will be posted on the website.