



ENR 8890.05- Forest Science Seminar

Introduction To Graduate-Level East Asia Studies (1 hr)

Forest Management and Policies in East Asia

Spring Semester 2022

COURSE DESCRIPTION: This is a required introductory professional seminar course for the East Asian Studies Interdisciplinary Program Master of Arts program. The overall objective of this particular course is to familiarize students with STEM (Natural Sciences) issues as it relates to East Asia. The specific course objectives are to:

1. familiarize students with the forests and wildlife of East Asia
2. examine the management and policies of East Asian forests
3. examine current and future issues facing East Asian forests
4. perform a critical evaluation of how the course topics might be integrated into a student's program of study and/or how the topics may affect/influence their future profession.

The course is comprised of a combination of student explorations of current scholarly work in East Asian forests (China, Korea, and Japan) through selected readings, lectures and class discussions, and East Asian Culture through attendance of EASC Lecture Series.

INSTRUCTOR

Dr. Roger Williams, Forest Management

School of Environment and Natural Resources

367-C Kottman Hall

Office hours: Available by appointment

✉ williams.1577@osu.edu

CLASS MEETING TIME AND LOCATION

Time: Friday, 1:50 – 2:45 p.m.

Location: Journalism Bldg 291

COURSE EVALUATION

This course is graded satisfactory/unsatisfactory. All requirements of the course must be met on time for the student to receive a satisfactory grade. All requirements include completion of all assignments on time and attendance to all class meetings. Late assignments or absences can only be permitted based on presentation of a valid written medical or other excuse.

COURSE REQUIREMENTS

- Attendance- There will be seven (7) scheduled class meeting throughout the semester and students are required to attend all class meetings.
- Class Discussions- Students should participate in class discussions on the topics outlined in the course and the assigned readings. Include in your discussions how the topics may be reflected in or affect your major and your future profession.
- EASC Lecture Series Reports- Students will attend six (6) lectures/presentations sponsored by the East Asian Studies Center and its affiliates, the Institute for Chinese Studies, the Institute for Japanese Studies, and the Institute for Korean Studies throughout the spring semester. Lectures should include at least 2 on Japan, 2 on China and 2 on Korea. The schedule of EASC lectures will be published at the beginning of the spring semester and students should refer to this schedule to decide which lectures they will attend. When available, this EASC Lecture Schedule will be released to the students in this course. Students will submit a one-page (single-spaced) report via email to the instructor (williams.1577@osu.edu) within two days of the presentation. Each report should have at the top of the report the presentation title, the presenter's name, and the date of the presentation. The report should serve as an executive summary of the presentation.
- Required Readings- Required readings on the class topics are posted in this syllabus and are available for downloading on the Carmen course website. Students are required to read these papers prior to the class discussion on the associated topics.

ENCOURAGED

There will be 3 professionalization Seminars, all of which will occur in the early evening on a Mon/Tues/Wed in February and/or March. There will be representatives from think tanks, government, and media that will provide hints about getting jobs after graduation in East Asian subject areas. At the time of the creation of this syllabus the dates and speakers are still being planned. When the dates and speakers have been established, information regarding the seminars will be published and announced in class. These seminars will be conducted through Zoom technology, and students are strongly encouraged to participate.

CLASS MEETINGS OUTLINE

DATE	TOPIC
Jan. 14	Course Introduction; Forests of East Asia
China's Forests (中国森林)	
Jan. 28	Forests of China and their Management (Lecture)
Feb. 11	Class Discussions on Lecture and Assigned Readings
Japan's Forests (日本の森)	
Feb. 25	Forests of Japan and their Management
Mar. 11	Class Discussions on Lecture and Assigned Readings
Korea's Forests (한국의 숲)	
Mar. 25	Forests of Korea and their Management
Apr. 8	Class Discussions on Lecture and Assigned Readings

REQUIRED READINGS

China

- Dai L, Li S, Zhou W, Qi L, Zhou L, Wei Y, Yu D (2017) Opportunities and challenges for the protection and ecological functions promotion of natural forests in China. *For Ecol Manage* 410:187-192. <https://doi.org/10.1016/j.foreco.2017.09.044>
- Feng L, Liao W, Hu J (2019) Towards a more sustainable human–animal relationship: the legal protection of wildlife in China. *Sustainability* 11:3112. <https://doi.org/10.3390/su11113112>
- Hua F, Xu J, Wilcove DS (2017) A new opportunity to recover native forests in China. *Conserv Lett* 11: e12396. <https://doi.org/10.1111/conl.12396>
- Jiao Y, Yeophantong P, Lee TM (2021) Strengthening international legal cooperation to combat the illegal wildlife trade between Southeast Asia and China. *Front Ecol Evol* 2:1-15. <https://doi.org/10.3389/fevo.2021.645427>
- Liu J, Coomes DA, Gibson L, Hu G, Liu J, Luo Y, Wu C, Yu M (2019) Forest fragmentation in China and its effect on biodiversity. *Biol Rev* 94:1636-1657. <https://doi.org/10.1111/brv.12519>
- Williams RA (2015) Mitigating biodiversity concerns in eucalyptus plantations located in South China. *J Biosci Med* 3:1-8. <http://dx.doi.org/10.4236/jbm.2015.36001>

Japan

- Gain D, Watanabe T (2017) "Expert Evaluation of Subsidies for the Management of Fragmented Private Forest in Regards to National Biodiversity Goals—The Case of Kochi Prefecture, Japan" *Sustainability* 9, no. 4: 626. <https://doi.org/10.3390/su9040626>
- Jiao Y, Ding Y, Zha Z, Okuro T (2019) Crises of biodiversity and ecosystem services in Satoyama Landscape of Japan: a review on the role of management. *Sustainability* 11:454. <https://doi.org/10.3390/su11020454>
- Kawamura K, Yamaura Y, Soga M, Spake R, Nakamura F (2021) Effects of planted tree species on biodiversity of conifer plantations in Japan: a systematic review and meta-analysis. *J Forest Res-Jpn* 26:237-246. <https://DOI:10.1080/13416979.2021.1891625>
- Nagaike T (2020) The role of biodiversity concerns in regional and nationwide forest management plans of Japan -Do forest plans promote conservation? *For Policy Econ* 118: 102250. <https://doi.org/10.1016/j.forpol.2020.102250>
- Spake R, Yanou S, Yamaura Y, Kawamura K, Kitayama K, Doncaster CP (2019). Meta-analysis of management effects on biodiversity in plantation and secondary forests of Japan. *Conserv Sci Pract* 1:e14. <https://doi.org/10.1002/csp2.14>
- Tsunoda H, Enari H (2020) A strategy for wildlife management in depopulating rural areas of Japan. *Conserv Biol* 34:819-828. <https://doi.org/10.1111/cobi.13470>

Korea

- Choi Y, Lim CH, Chung HI, Kim Y, Cho HJ, Hwang J, Kraxner F, Biging GS, Lee WK, Chon J, Jeon SW (2021) Forest management can mitigate negative impacts of climate and land-use change on plant biodiversity: Insights from the Republic of Korea. *J. Environ. Manag.* 288. <https://doi.org/10.1016/j.jenvman.2021.112400>
- Choi YE, Song K, Kim M, Lee J (2017) Transformation planning for resilient wildlife habitats in ecotourism systems. *Sustainability* 9, no. 4: 487. <https://doi.org/10.3390/su9040487> (the case study of Eulsukdo Island in South Korea)
- Jeong E, Cho M, Cho H, Cho B, Han S (2021) Characteristics of forest road cut slopes affecting the movement of mammals in South Korea. *Forest Science and Technology.* <https://doi.org/10.1080/21580103.2021.1967789>
- Kim H, Kang HM, Choi SI, Jeon S (2020) Identifying relevant international forest regimes for South Korea based on their issues. *International Forestry Review.* 22:438 – 448. <https://doi.org/10.1505/146554820831255498>
- Seo H, Choi C, Lee K, Woo D (2021) Landscape characteristics based on effectiveness of wildlife crossing structures in South Korea. *Sustainability* 13, no. 2: 675. <https://doi.org/10.3390/su13020675>
- Shin H. (2018) An overview of forest management in the Republic of Korea. *Nova Mehanizacija Šumarstva.* 39:59 – 66. <https://hrcak.srce.hr/215655>

POLICIES AND RESOURCES

General Class Policies

This class is delivered in a face-to-face venue, and class attendance is required. All PowerPoint slides and class materials will be available online through the Carmen website. Attendance is required and attendance will be recorded at the beginning of each class period. The only exceptions will be in extreme cases, as determined by the instructor, and the instructor must be contacted ahead of time regarding the nature of the problem if at all possible. All personal information/situations will be kept extremely confidential. If you experience any problems or have any questions you should contact Dr. Williams at the contact information listed on the first page of this syllabus.

COVID-19 Policies

It is required and expected that all students will adhere to and be compliant with the university's COVID-19 policies that are in place during the course. Non-compliance and non-adherence may result in a student's dismissal from face-to-face meetings until the student comes into compliance with current university policies.

Academic Misconduct

It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct.

The term "academic misconduct" includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-487). If any academic conduct is suspected, the student will be contacted initially in confidentiality and presented evidence of said misconduct. The student will have the opportunity to rebut any evidence brought forward. If the case cannot be resolved, the information and evidence will be brought forward to the Committee on Academic Misconduct for appropriate resolution. For additional information, see the Code of Student Conduct at <http://studentconduct.osu.edu>.

Disabilities Statement

The university strives to make all learning experiences as accessible as possible. In light of the current pandemic, students seeking to request COVID-related accommodations may do so through the university's request process, managed by Student Life Disability Services. If you anticipate or experience academic barriers based on your disability (including mental health, chronic, or temporary medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services. After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion. SLDS contact information: slds@osu.edu; 614-292-3307; slds.osu.edu; 098 Baker Hall, 113 W. 12th Avenue.

Grievances

According to University Policies, if you have a problem with this class, you should seek to resolve the grievance concerning a grade or academic practice by speaking first with the instructor or professor. Then, if necessary, take your case to the department chairperson, college dean or associate dean, and to the provost, in that order. Specific procedures are outlined in Faculty Rule 3335-7-23. Grievances against graduate, research, and teaching assistants should be submitted first to the supervising instructor, then to the chairperson of the assistant's department.

Counseling Services/Mental Health

As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. The Ohio State University offers services to assist you with addressing these and other concerns you may be experiencing. If you or someone you know are suffering from any of the aforementioned conditions, you can learn more about the broad range of confidential mental health services available on campus via the Office of Student Life Counseling and Consultation Services (CCS) by visiting ccs.osu.edu or calling (614) 292- 5766. CCS is located on the 4th Floor of the Younkin Success Center and 10th Floor of Lincoln Tower. You can reach an on-call counselor when CCS is closed at (614) 292-5766 and 24 hour emergency help is also available through the 24/7 National Prevention Hotline at 1-(800)-273-TALK or at suicidepreventionlifeline.org.

Creating an Environment Free From Harassment, Discrimination, and Sexual Misconduct

The Ohio State University is committed to building and maintaining a community to reflect diversity and to improve opportunities for all. All Buckeyes have the right to be free from harassment, discrimination, and sexual misconduct. Ohio State does not discriminate on the basis of age, ancestry, color, disability, ethnicity, gender, gender identity or expression, genetic

information, HIV/AIDS status, military status, national origin, pregnancy (childbirth, false pregnancy, termination of pregnancy, or recovery therefrom), race, religion, sex, sexual orientation, or protected veteran status, or any other bases under the law, in its activities, academic programs, admission, and employment. Members of the university community also have the right to be free from all forms of sexual misconduct: sexual harassment, sexual assault, relationship violence, stalking, and sexual exploitation.

To report harassment, discrimination, sexual misconduct, or retaliation and/or seek confidential and non-confidential resources and supportive measures, contact the Office of Institutional Equity:

1. Online reporting form at equity.osu.edu,
2. Call 614-247-5838 or TTY 614-688-8605,
3. Or Email equity@osu.edu

The university is committed to stopping sexual misconduct, preventing its recurrence, eliminating any hostile environment, and remedying its discriminatory effects. All university employees have reporting responsibilities to the Office of Institutional Equity to ensure the university can take appropriate action:

- All university employees, except those exempted by legal privilege of confidentiality or expressly identified as a confidential reporter, have an obligation to report incidents of sexual assault immediately.
- The following employees have an obligation to report all other forms of sexual misconduct as soon as practicable but at most within five workdays of becoming aware of such information:

1. Any human resource professional (HRP);
2. Anyone who supervises faculty, staff, students, or volunteers;
3. Chair/director; and
4. Faculty member.

This course adheres to The Principles of Community adopted by the College of Food, Agricultural, and Environmental Sciences. These principles are located on the Carmen site for this course; and can also be found at <https://go.osu.edu/principlesofcommunity>. For additional information on Diversity, Equity, and Inclusion in CFAES, contact the CFAES Office for Diversity, Equity, and Inclusion (<https://equityandinclusion.cfaes.ohio-state.edu/>). If you have been a victim of or a witness to a bias incident, you can report it online and anonymously (if you choose) at <https://studentlife.osu.edu/bias/report-a-bias-incident.aspx>.