# Oregon State University

# ONLINE GRADUATE PROGRAMS IN NATURAL RESOURCES

Graduate Student Handbook

**JUNE 1, 2018**
**OREGON STATE UNIVERSITY**
**College of Forestry, Forest Ecosystems and Society**

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# About the Handbook

This handbook is designed for graduate students and potential graduate students of the Master of Natural Resources degree and the affiliated certificates. This handbook includes information about admissions, program requirements, academic policies, and relevant resources. Other sections of the handbook provide suggested timelines, procedures, and strategies to help you get the most out of your graduate experience.

# About the Programs

# Master of Natural Resources

The Oregon State University Master of Natural Resources (MNR) program is designed for professionals interested in strengthening their natural resources knowledge and skills. This 45-credit program is delivered entirely online through Oregon State Ecampus—consistently rated as one of the premier providers of online education in the country.

The MNR degree carries the prestige of Oregon State University, which is recognized nationally for its natural resources programs. This interdisciplinary program taps the minds of leading scientists from multiple departments within the Colleges of Agricultural Sciences; Forestry; Science; Liberal Arts; and Earth, Ocean, and Atmospheric Sciences. The College of Forestry administers the MNR degree and multiple departments administer the certificate programs, depending on the certificate focus. Since its inception in 2011, more than 80 students have earned the MNR degree.

You will benefit not just from the expertise of our faculty but also your fellow students who are working on the ground in various regions of the U.S. and beyond. You will develop the analytical and problem-solving skills necessary to provide workable solutions for complex natural resources challenges, learning to balance economic, social, and environmental interests.

The resource management issues associated with fisheries and wildlife management, water conflict management, sustainable natural resources, urban forestry, and climate change are important to Oregon, the nation, and the world. Thus, MNR serves a broad audience in its mission to improve quality of life through education on critical environmental and natural resources issues.

The MNR degree is a non-thesis program culminating in a capstone project. MNR students apply cross-disciplinary approaches learned throughout the program to propose or implement solutions to natural resource problems. (See Appendix for example capstone projects that have been completed.) Many students choose to start the MNR program by pursuing one of seven affiliated certificates ranging from fisheries management to urban forestry. By completing one of the graduate certificates, you will have 18 of the required 45 credits needed for the MNR degree (see "Certificates in Natural Resources").

You have the opportunity to cater the program to accommodate your interests and availability. With options to pursue coursework part-time, during evenings, and on weekends, the MNR program and affiliated certificates offer the flexibility you need to fulfill career and personal commitments. You may also choose from a variety of courses to assemble the right program for you and your individual "area of emphasis."

Program website address: ecampus.oregonstate.edu/online-degrees/graduate/natural-resources/

## Admissions for MNR

### Admissions requirements

- Bachelor degree in natural or life sciences, natural resource management, forestry, agriculture, fisheries, wildlife, environmental studies, environmental sciences, public policy, or social sciences
- Minimum undergraduate GPA of 3.0
- Satisfactory GRE score (taken within last five years)
- Recommended: Two years of related work experience in natural resource management, natural resource policy, environmental science, or environmental policy
- An MNR faculty member who has agreed to serve as your major professor/advisor[1]

The program coordinator or director can help you decide if you meet these requirements.

### How to find a major professor (faculty advisor)

Faculty advisors help guide you through the program and offer mentoring as you work toward your degree. Before submitting your application, follow the steps outlined on the choosing an advisor webpage to identify a faculty member whose area of expertise aligns with your academic interest. We recommend that you identify two or three faculty members who could potentially serve as your advisor. These can be current members of our graduate faculty, or someone not on the list.

Once you have compiled your list, contact each faculty member separately and ask if they would be willing to serve as your MNR major advisor. Faculty will want to know background information about your academic experience before they agree to be your major advisor. The webpage has a template of a letter you can use to contact potential advisors.

### How to apply as a degree-seeking student

1. Confirm who is willing to be your MNR program advisor.

2. Apply to the OSU Graduate School and the Master of Natural Resources program as a degree-seeking student via the Graduate School's online application. Pay the $75 nonrefundable application fee.

3. Submit a cover letter via the online application. This cover letter is a statement of objectives and request for admission into the MNR program, which should include a description of your professional and educational experience, an explanation of your interest in the MNR program, and a description of your ideas for a capstone project. (Your ideas for the capstone will undoubtedly evolve over time, but providing some initial ideas will give the admissions committee a sense of whether your interests are aligned with the MNR degree.)

4. Via the online application, provide the names and email addresses of three individuals who will supply letters of professional reference on your behalf. These individuals will be contacted directly by the OSU Graduate School and asked to independently upload their letters.

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[1] The terms "advisor" and "major professor" are used interchangeably. Typically, Oregon State University uses the term "major professor", and the MNR program uses the term "advisor."

5. Submit official transcripts from all colleges and universities attended via the online application form or via mail to the Graduate School (300 Kerr, Corvallis, OR, 97331).
6. Send your official Graduate Record Examination (GRE) scores to the OSU Graduate School at institution code 4586.

NOTE: International applicants must also submit documents and language test scores that are outlined on the graduate admissions international applicants' webpage.

## Deadline to apply

MNR students can start the program during the fall, winter, spring, or summer terms. Your complete application is due ten weeks prior to the academic term of your choosing. Applications submitted after this time will not be considered.

# Certificates in Natural Resources

Oregon State offers seven graduate certificates (18-20 credits) related to Natural Resources entirely online. OSU faculty with expertise in diverse natural resources subject matter teach the courses. We encourage students who are unsure about enrolling in the MNR degree to start by pursuing a certificate program.

Although they are stand-alone programs, these certificates are designed to work hand-in-hand with the MNR program and can serve as a pathway to the MNR. Credits earned within each certificate option satisfy the 18-hour "area of emphasis" requirement in the MNR program. Certificate students are not required to have a major professor, nor are they subject to the continuous enrollment policy of the graduate school.

## Fisheries Management (FM; 18 credits)

The Fisheries Management graduate certificate provides students with skills and knowledge in biology, assessment science, and social science that are needed to understand and meet the demands of sustainable fisheries on both national and international fronts. The program prepares students to be the link between scientists, decision-makers, and stakeholders, handling the multifaceted issues that come with managing recreational and commercial fisheries and fish habitat. For admissions requirements, program requirements, and important dates, visit the Fisheries Management Ecampus website and the Fisheries and Wildlife website.

## Forests and Climate Change (FCC; 19 credits)

The graduate certificate in Forests and Climate Change provides a thorough foundation for students to assess the impacts of climate change on forests, evaluate proposed adaptation strategies, and develop management practices to enhance forest carbon sequestration for the mitigation of climate change. Program courses address both the theory and application of climate change science. For admissions requirements, program requirements, and important dates, visit the Forests and Climate Change website.

### Geographic Information Science (GIS; 19 credits)

Geographical information systems and spatial analysis tools are increasingly important in natural resource planning and land management. This graduate certificate is ideal for working professionals who wish to reinforce or elevate their current skills in order to be more competitive in the rapidly changing field of GIScience. For admissions requirements, program requirements, and important dates, visit the Geographic Information Science website.

### Sustainable Natural Resources (SNR; 18 credits)

The graduate certificate in Sustainable Natural Resources is designed for all students, but especially organization, industry, or agency employees who desire training in solving complex sustainability problems. Students complete an integrated program of study combining courses in social aspects, economic considerations, and ecology and management of natural resources. The program culminates with students designing workable solutions for complex natural resource issues of local, state, regional, national or international importance. For admissions requirements, program requirements, and important dates, visit the Sustainable Natural Resources website.

### Urban Forestry (UF; 18-20 credits)

The graduate certificate in Urban Forestry is the first of its kind offered online in the US. It prepares students to think scientifically and strategically in applying the principles of urban forestry, green infrastructure, planning, policy, and leadership to urban contexts. Throughout this program, you will gain the knowledge and skills to address complex urban natural resource issues, such as climate change, invasive species, or enhancing urban livability by capitalizing on the economic, environmental, and social benefits that urban trees provide. For admissions requirements, program requirements, and important dates, visit the Urban Forestry website.

### Water Conflict Management (WCM; 18 credits)

The Graduate Certificate in Water Conflict Management provides in-depth training to enhance your career in water governance and help you implement strategies that positively impact ecosystems, society and the economy. You will learn to address and facilitate hydrodiplomacy, conflict resolution, public participation, strategic planning, finance administration, and public policy and law. The program benefits from expertise in the Institute for Water and Watersheds, the hub for water-related research at OSU, and the UNESCO "From Potential Conflict to Cooperation Potential" program. For admissions requirements, program requirements, and important dates, visit the Water Conflict Management website.

### Wildlife Management (WM; 18 credits)

The Graduate Certificate in Wildlife Management prepares students to identify effective solutions to complex wildlife management challenges in local, national, and international contexts. This flexible program can be tailored to fit your interests, with various courses offered in human dimensions and wildlife sciences. It requires a 3-credit capstone project, consisting of a synthesis paper or outreach project guided by a faculty mentor. For admissions requirements, program requirements, and important dates, visit the Wildlife Management website and the Fisheries and Wildlife website.

## Admissions for Certificates

Admissions requirements vary for each graduate certificate program. All certificate programs require an undergraduate degree with a 3.0 minimum GPA. For some, but not all, of the certificates, we recommend two years of relevant professional experience and prefer that students have an undergraduate degree in science with specific coursework completed. Visit the certificate websites (included above) for more information about the different admissions requirements.

### When to apply

Certificate students can generally start during the fall, winter, spring or summer terms. Check with each certificate for specific admissions details. You should have a complete application, including all supporting materials, on file no later than one month prior to the academic term during which you intend to start. International students should apply at least two months in advance.

### How to apply

Apply as a degree-seeking student using the OSU Graduate School's online application form. The nonrefundable application fee is $75. Required application materials vary for each certificate program.

# MNR Program Requirements

## MNR Program of Study

The Master of Natural Resources degree program requires students to take 18 credits in core classes, 18 credits in an area of emphasis, and 9 credits for the MNR capstone project. You can choose an area of emphasis from the certificate programs, or you can opt for a self-designed area of emphasis based on your interests and goals. Your faculty advisor should help you create your program of study. Note that courses do not need to have the MNR prefix to be used in your program. View the complete list of the MNR course offerings in the OSU Catalog.

| MNR Sections | Introduction | Ecology/Production | Human Systems | Methodology |
|---|---|---|---|---|
| **Core** (18 credits) *provides breadth* | 3 credits | 6 credits | 6-9 credits in 2+ areas | 3 credits |
| | Introduction to Sustainable Natural Resources | See course offerings in the OSU Catalog. | • Economics <br> • Policy <br> • Sociology <br> • Ethics <br> • Communication | See course offerings in the OSU Catalog. |

| **Area of Emphasis** (18-20 credits) *provides depth* | Choose from the following online graduate certificates |
|---|---|
| | • Geographic Information Science <br> • Sustainable Natural Resources <br> • Water Conflict Management <br> • Fisheries Management <br> • Wildlife Management <br> • Forests and Climate Change <br> • Urban Forestry <br> • Or student-designed, advisor-approved area of emphasis |

| **Capstone Project** (9 credits) | Choose one option |
|---|---|
| | Option 1: 9 credits of MNR 560 <br> Option 2: 6-7 credits of MNR 560 + 2-3 credits of independent study or internship completed while pursuing one of the above listed certificates. |

As with all graduate degrees, 50% of the credits in your program must be "stand-alone" graduate classes.

## MNR Degree Milestones

Students are expected to check with their graduate program and the Graduate School regarding specific deadlines unique to the term and academic year they plan to complete their degree requirements. Visit the Graduate School deadlines website for more information about general graduate student requirements. The following are general guidelines:

1. During your first term, start drafting your program of study and assembling your graduate advisory committee. Establish best communication practices with your advisor and other committee members.

2. By the beginning of the second term, enroll in a certificate program if you plan to complete one for your area of emphasis credits.

3. If you are a certificate student who has been accepted into the MNR program but are not currently enrolled in the MNR degree, you need to submit a change of degree form to enroll in the MNR program before completing your certificate. If you finish your certificate before submitting a change of degree, you will have to reapply to the MNR program.

4. Before you complete 18 credits, finalize your Graduate Advisory Committee and submit your program of study to the Graduate School.

5. Before you complete 30 credits, start planning your capstone with your advisor and other committee members. We highly suggest discussing and agreeing on a timeline for writing, feedback, and final exam expectations with your committee at this time.

6. Prior to your last term, identify an exam date and time and submit a diploma application (at least two weeks before your final exam) for the term you will complete the program. If you have made changes to your program of study, submit a new program of study to the Graduate School. Any changes to your Program of Study must be submitted to the Graduate School using the Petition for Change of Program Form before taking your final exam. Finish any courses that were incompletes before scheduling your final exam.

7. During your last term, register for three or more credits, submit your exam scheduling form (no later than two weeks prior to your final exam), present your capstone project, pass your final exam, and complete all required coursework, totaling 45 credits from the MNR curriculum.

8. After your final exam, make the necessary changes to your capstone report recommended by your committee, fill out the Graduation survey, and submit your final capstone paper to the Scholar Archives https://ir.library.oregonstate.edu/

### Recurring degree requirements

1. At the end of each term (fall, winter, and spring), register for at least three credits for the next term. If you need time off, submit a leave of absence form to the Graduate School before the term starts. Enroll in at least three credits every fall, winter, and spring term until you have graduated (or submit leave of absence). You are not required to register in the summer, but you should do so if you are taking classes or working with your advisor on your capstone project.

2. Maintain a 3.0 GPA throughout your time in the program.

3. Check in with your advisor each term and update them on your coursework and capstone progress.

4. Check your OSU email regularly. This is the official, and only, way OSU communicates with students.

## Timeline for Degree Completion

The time it takes for students to complete the MNR degree varies based on each student's professional and personal situation, and you have the flexibility to work at your own pace. On average, MNR students complete their degree within three years; however, the degree can be finished in under two years if students are enrolled as full-time students. MNR students must complete the program within a seven-year period. MNR students are still expected to check in quarterly, or once a term, with their major advisor, enroll in a minimum of three credits per term, and continue to work toward degree completion.

Students enrolled in one of the affiliated certificate programs who want to continue on in the MNR program must transfer to the master's degree before finishing their certificate. Students who complete the certificate program without doing so will need to apply to the MNR program separately and be accepted in order to continue with the MNR sequence.

# Forming your Graduate Advisory Committee

Every student enrolled in the MNR degree must have a Graduate Advisory Committee (GAC) to determine a course of study and finalize their capstone project. The student's graduate advisory committee consists of three members:

1. One graduate faculty member from the student's chosen area of emphasis (usually the faculty advisor)
2. Two other graduate faculty members, reflecting either breadth (core area) or depth (area of emphasis) of the student's curriculum

## Role of your advisor

Your major professor (faculty advisor) serves as an academic mentor who guides you in the completion of your degree. This advisor is your primary point of contact for your graduate school expectations and capstone work. The responsibilities of your major advisor include:

- Providing guidance and mentoring related to classes and your required tasks for the program
- Helping you assemble your Graduate Advisory Committee
- Assisting you with your program of study
- Contacting you quarterly by your mutually agreed upon communication practice
- Guiding you through any compliance requirements, such as Institutional Review Board approval for human subjects or animal care and use.
- Providing guidance, recommendations, and resources for developing your capstone project
- Giving feedback on two to three drafts of your final project report for your capstone, prior to your final oral examination
- Ensuring your final exam paperwork is submitted to the graduate school
- Overseeing your final oral examination with your Graduate Advisory Committee using audio or video conferencing technology

## Process for identifying and changing your advisor

Prospective students must have a major advisor selected as part of their application to the MNR program. We recommend that you start by identifying two to three faculty members who could potentially serve as your advisor. Review our list of graduate faculty by college to help you find faculty members whose area of research aligns with your academic interests. Depending on your career and academic goals, you may want to find a faculty member outside this list. The program welcomes additional Oregon State faculty to advise our students. Additional faculty are included on the following directories:

- College of Forestry faculty directory
- Fisheries and Wildlife faculty directory
- CEOAS faculty directory
- Urban forestry faculty directory
- Water conflict management faculty directory

Once you have compiled a list of potential faculty, contact each faculty member separately and ask them to serve as your MNR major advisor. Faculty will want you to share some background information about your academic experience before they agree to be your major advisor.

Use this email letter template as a guide to draft a message to each faculty member. In the email, you should introduce yourself and provide pertinent information like your resume or CV, transcripts, and a writing sample (term paper, short essay, research proposal) to help them decide whether they would like to serve as your advisor. You should also download and attach this guide for MNR faculty advisors to ensure they understand the program's requirements, expectations, and compensation for serving as an MNR faculty advisor. The number of students each faculty is willing to accept depends on their availability. Don't be discouraged if faculty members respond with "no" or "not at this time."

The student/advisor relationship comes with responsibilities for both parties. Major advisors, in addition to their mentoring responsibilities, have other academic commitments. Be sure to check in each quarter to ask about their availability to work with you on your degree requirements. In the unlikely event that a student is considering a change of major professor, the student should speak to their major professor (if possible) and the Department Head or Graduate Program Director to understand how the change would impact their program and capstone project.

### Policy on non-OSU Committee Membership

Your graduate committee guides your course work and capstone and serves as your final examining committee. It is generally expected that all committee members or approved substitutes must be present for all formal meetings with the student (e.g. final oral exams). If a committee member needs to participate remotely, you and your committee must assure that all the conditions for remote participation are met. Those conditions are as follows:

- Advance agreement of the student and all committee members has been obtained;
- All participants join in with two way audio and video connections; audio only connections must be approved by the major professor if the video connection is not possible. When the student is the remote participant, his or her connection must be an audio and video connection;
- Any visual aids or other materials have been distributed in advance to the remote participants;
- The committee members participate in the complete meeting, discussion, presentation, and evaluation; and
- The student is responsible for making arrangements.

If the faculty member is not a member of the OSU Graduate Faculty or is not approved for the role proposed, your major department/program will need to nominate the proposed member to act in those roles using the Nomination to Graduate Faculty form. Committee structure is evaluated when your program of study is received by the Graduate School and when you schedule your formal examination(s).

### Communicating with your Graduate Advisory Committee

After establishing committee membership, you and your committee should discuss and agree on expectations for committee meetings. This discussion should include:

- How often the committee will meet

- How you should prepare for each meeting

- Whether and how you will provide progress reports between meetings

- Scheduling and communication preferences
- Each committee member's role in your capstone project

In order to work around busy faculty schedules, ideally you should schedule meetings at least one month in advance. You can use teleconference services, like WebEx to hold meetings.

# Capstone Project

All MNR students are required to complete a capstone project, which is their culminating academic experience. The MNR 560 Master's Case Study course is designed so that all MNR students complete their capstone requirement at OSU. The project provides students with an opportunity to explore a natural resource problem or issue of personal or professional interest within their country, region, or organization. Students address these issues through focused study and applied research under the direction of their faculty advisor and their graduate advisory committee. (See Appendix for titles of completed capstone projects)

Capstone projects provide students with experience that makes use of the student's current work or potential future work environments, while also providing client organizations with solutions to complex natural resource issues or useful products. Project ideas may be generated by faculty, students, or the student's organization or agency. The advisor is expected to mentor the student in collecting, analyzing and synthesizing data and information to answer capstone project questions. Capstone projects can be based on original data, a synthesis of existing data, or both.

Students must take 9 credits associated with the Capstone project (see Table of Program Requirements). Students who do not complete an initial Certificate will enroll in 2 credits of MNR 560 associated with development of their ideas. In this class, the professor and peers will provide feedback and suggestions. Subsequently, students complete the remaining 7 credits of MNR 560 under the supervision of their faculty advisor, and these credits can be spread across quarters or completed in a concentrated block. Students who enter the MNR program from a Certificate program may count 2-3 credits (internship or independent study) from the Certificate toward the 9 credits of Capstone and then complete the remaining credits through MNR 560.

The final capstone project results in a detailed report that demonstrates basic understanding and integrative knowledge of sustainable natural resource management for the site or situation selected for your capstone. Students are expected to devote 120 to 200 hours to the capstone project and prepare a 30- to 50-page final report (double-spaced, not including figures, tables, and references). The case study project report is due during the last term of the MNR program of study.

Successful completion of a final oral examination is required for all master's degrees. The student will present their capstone project during an oral examination, during which the Graduate Advisory Committee will ask questions related to the capstone project work and the student's topical knowledge about sustainable natural resource management.

## MNR Student Learning Outcomes and Assessment

Upon completion of the MNR degree, students will be able to:

1. Demonstrate interdisciplinary knowledge and skill in integrative thinking and collaborative learning across several disciplines within the natural resource professions.

> MNR students are required to take diverse courses from an interdisciplinary core with themes in ecology and production, human systems, and research methods. Students incorporate knowledge gained from the diverse MNR courses into their capstone project and address real-world natural resource problems situated in interconnected ecological, economic and social contexts. Their capstone work is assessed for this interdisciplinary knowledge and skills.

2. Demonstrate proficiency in applying this knowledge to ongoing, real-world issues in natural resource management and policy by conducting case study projects.

> The successful completion of a student's capstone project is assessed by passing the oral exam.

3. Apply sound methodologies and work ethics to problems in management or sustainability of natural resources.

> All MNR students are required to take a methodology class within the core curriculum. The grade from the methods course reflects students' ability to apply skills and knowledge to analyze and/or synthesize information and data. In addition, the case study course (MNR 560) provides students with knowledge in research methods and research ethics.

# Costs and Funding

A clear and reasonable approach to paying for education is a key part of every student's success. Graduate students need to plan for expenses in three general categories:

**Institutional expenses** paid to OSU to facilitate the core components of their education. These may include tuition, fees, textbooks, and printing.

**Research expenses** that support the completion and communication of their research. These may include purchasing books or software, travel to research sites, equipment used to collect or analyze samples, and travel to conferences to present research.

**Living expenses** that support their basic survival. These include rent, food, clothing, and transportation.
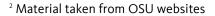
Due to the unique research interests and lifestyles that each student brings to their graduate program, it is difficult for OSU to estimate the exact total cost of any specific student's attendance. It is important for students to assess their own expenses and how to pay them, both before their program begins and as their program progresses.

The MNR is a professional degree, and it is ultimately the student's responsibility to ensure all of their costs are covered. OSU does not provide scholarships or research funding for MNR or other distance programs. However, students may qualify for financial aid. Graduate degree students need 5 or more credits per term to qualify.

http://financialaid.oregonstate.edu/
If you have questions regarding financial aid, this is the place to start. You can also call using the phone number listed on this site.

# Academic Policies
# for OSU's Graduate Programs [2]

# Student Conduct and Community Standards

Graduate students enrolled at Oregon State University are expected to conform to basic regulations and policies governing the behavior of students as members of the university community. The Office of Student Conduct and Community Standards (SCCS) is the central coordinating office for student conduct-related matters at Oregon State University.

Choosing to join the Oregon State University community obligates each member to a code of responsible behavior which is outlined in the Student Conduct Code. The assumption upon which this Code is based is that all persons must treat one another with dignity and respect in order for scholarship to thrive. Violations of the regulations subject a student to appropriate disciplinary action.

# Class registration

The OSU Schedule of Classes is available online and contains academic regulations and registration procedures that apply to all students in the university, as well as the final examination week schedule. The online catalog is the source for up-to-date changes for the current and immediately upcoming term. It is your responsibility to register for the appropriate number of credits that may be required for any funding eligibility and/or to meet the requirements of the continuous enrollment policy. Problems arising from registration procedures, such as late registration, adding or withdrawing from courses after deadlines, or late changes from letter or S/U grading are resolved through the petition for late change in registration filed with the Graduate School. A late registration fee may be applied.

Students are responsible for staying current on registration requirements that may supersede the Graduate School requirements (e.g., international, financial aid, veteran's).

### Unauthorized Break in Registration

Degree seeking graduate students who take an unauthorized break in registration relinquish graduate standing at the University.

To have graduate standing reinstated after an unauthorized break (i.e., not registering and failing to obtain an approved leave of absence), students are required to reapply to their program (complete the online graduate admission application, pay the application fee, and may be required to register for three graduate credits for each term of unauthorized break in registration).  It is advisable that students in this situation state that they are applying for readmission in the application packet.  A reapplication does not ensure admittance to the program.

# Satisfactory Academic Progress

## Minimum Course Loads

Course load requirements for graduate students are established by the Registrar and the Graduate School. You are considered a "full-time" graduate student if you are registered for 9 to 16 credits in a given academic term. You are considered a "part-time" graduate student if you have less than nine credits (most MNR students are part-time every quarter). If you are a degree-seeking student you must be registered for a minimum of three graduate credits in every term except summer, including the term of the final defense, except when you have an approved leave of absence (see below). Students are responsible for staying current on course load requirements that may supersede the Graduate School requirements (e.g., international, financial aid, veteran's).

## Grade Requirements

Grades below C (2.00) cannot be used on a graduate program of study. A grade-point average of 3.00 is required before the final oral or written exam may be undertaken. A grade-point average of 3.00 is required:

1. For all courses taken as a degree-seeking graduate student
2. For courses included in the graduate degree or graduate certificate program of study.

Enforced graduate-level prerequisite courses must be completed with a minimum grade of C. Visit the OSU Catalog for information about transfer credit requirements.

## Incomplete Grades

An "I" (incomplete) grade is granted only at the discretion of the instructor. The incomplete that is filed by the instructor at the end of the term must include the grade to which the incomplete grade defaults at the end of the specified time period, if coursework is not completed. The time allocated to complete the required tasks for the course may be extended by petition to the University Academic Requirements Committee. You can obtain the form from the Registrar's Office. It is the student's responsibility to see that "I" grades are removed within the allotted time.

# Academic Dishonesty

The Code of Student Conduct prohibits Academic Misconduct and defines it as:
**Any action that misrepresents a student or group's work, knowledge, or achievement, provides a potential or actual inequitable advantage, or compromises the integrity of the educational process.**
To support understanding of what can be included in this definition, the Code further classifies and describes examples of Academic Misconduct, as follows.
Prohibited behaviors include, but are not limited to doing or attempting the following actions:

1. **Cheating.** Unauthorized assistance, or access to or use of unauthorized materials, information, tools, or study aids. Examples include, but are not limited to, unauthorized collaboration or copying on a test or assignment, using prohibited materials and texts, unapproved use of cell phones, internet, or other electronic devices, etc.
2. **Plagiarism.** Representing the words or ideas of another person or presenting someone else's words, data, expressed ideas, or artistry as one's own. Examples include, but are not limited to, presenting someone else's opinions and theories as one's own, using another person's work or words (including unpublished material) without appropriate source documentation or citation, working jointly on a project and then submitting it as one's own, etc.
3. **Falsification.** Fabrication or invention of any information. Examples include, but are not limited to, falsifying research, inventing or falsely altering data, citing fictitious references, falsely recording or reporting attendance, hours, or engagement in activities such as internships, externships, field experiences, clinical activities, etc.
4. **Assisting.** Any action that helps another engage in academic misconduct. Examples include, but are not limited to, providing materials or assistance without approval, altering someone's work, grades or academic records, taking a test/doing an assignment for someone else, compelling acquisition, selling, bribing, paying or accepting payment for academic work or assistance that contributes to academic misconduct, etc.
5. **Tampering.** Interfering with an instructor's evaluation of work by altering materials or documents, tampering with evaluation tools, or other means of interfering.
6. **Multiple submissions of work.** Using or submitting work completed for another or previous class or requirement, without appropriate disclosure, citation, and instructor approval.
7. **Unauthorized recording and use.** Recording and/or dissemination of instructional content without the express permission of the instructor(s), or an approved accommodation coordinated via Disability Access Services.

# Continuous Enrollment

All MNR students must register continuously for a minimum of three graduate credits each term (fall, winter, and spring terms, but not summer) until all degree requirements are met, regardless of the student's location. Students on approved leave are exempt from the continuous enrollment policy for the term(s) they are on leave.

Graduate students who use facilities or faculty/staff time during summer session are required to register for a minimum of three credits during the summer session. Students defending in the summer term are required to register for a minimum of three graduate credits during summer.

Students may appeal the provisions of the continuous graduate enrollment policy if extraordinary circumstances arise by submitting a detailed request in writing to the Dean of the Graduate School. Scheduling difficulties related to the final oral exam are not considered an extraordinary circumstance.

NOTE: Students who are pursuing a certificate only are not subject to the continuous enrollment policy.

# Leave of Absence

Leave of absence status is available to eligible MNR students who need to suspend their program of study for good cause. The time the student spends on approved leave will be included in any time limits prescribed by the university relevant to degree completion.

Students on approved leave may not:

- Use any university facilities

- Make demands upon faculty time

- Receive a fellowship or financial aid

- Take course work of any kind at Oregon State University.

A leave of absence form must be received by the Graduate School at least 15 working days prior to the first day of the term involved. Family Medical Leave (FML) may be granted at any point during a term. FML inquiries should be directed to medical.leave@oregonstate.edu.

NOTE: Students pursuing a certificate only are not subject to the Leave of Absence Policy.

If a MNR student does not intend to register for a specific term (fall, winter, or spring) while they are enrolled in their degree program, they may apply in advance for a leave of absence. A leave of absence is not required for students who do not register during the summer session. If you need to take a term off, you should discuss the issue with your advisor and/or the Graduate Program Director or the Department Head (see program and department contacts). They will work to resolve any issues within their control and help you decide if taking time off is the best option.

Your advisor, your committee, and your program administrators all want you to succeed, and they also want you to be healthy and happy. They may talk to you frankly about the challenges involved in taking

a break, but they will not be upset if you decide that taking a leave of absence is your best option in facing personal challenges.

You can read more about the Graduate School's Leave of Absence policies in the Graduate Catalog.

## Student Records

Both federal and state laws permit Oregon State University staff to release directory information (e.g. name, address, degree program, birth date) to the general public without your consent. You can prohibit the release of directory information to the public by signing the Confidentiality Restriction form available from the Registrar's Office. It will not prohibit the release of directory information to entities of Oregon State University that have a "need to know" to accomplish their required tasks. Nor will the restriction prohibit Oregon State University departments from including your name on mailing lists for distribution of materials that are essential to your enrollment at Oregon State University. View the student records, right to privacy website for more information.

# People, Resources & Support

# Program and Departmental Support

The MNR and certificate programs each have one (or more) key contact(s). If you are unsure who is the appropriate person to contact, start with the Program Coordinator, **Juliet Sutton**. We are here to help you. Do not hesitate to contact us with any questions or concerns.

## Academic Contacts

**Badege Bishaw, PhD – Senior Instructor, Forest Ecosystems & Society, College of Forestry**
Program Director, **Sustainable Natural Resources Certificate**, **Forests and Climate Change Certificate**
Email: badege.bishaw@oregonstate.edu
Phone: 541.737.9495

**Kuuipo Walsh – College of Earth, Ocean & Atmospheric Sciences**
Program Director, **Geographic Information Science Certificate**
Email: kuuipo.walsh@oregonstate.edu
Phone: 541.737.3795

**Paul Ries, EdD – Instructor, Forest Ecosystems & Society, College of Forestry**
Program Director, **Urban Forestry Certificate**
Email: paul.ries@oregonstate.edu
Phone: 541.990.7660

**Bruce Dugger, PhD – Associate Professor, Fisheries and Wildlife**
Program Director, **Fisheries Management Certificate, Wildlife Management Certificate**
Email: bruce.dugger@oregonstate.edu
Phone: 541.737.2465

**Aaron Wolf, PhD – Professor of Geography in the College of Earth, Ocean & Atmospheric Sciences**
Co-faculty lead, **Water Conflict Management Certificate**
Email: wolfa@geo.oregonstate.edu or aaron.wolf@oregonstate.edu
Phone: 541.737.2722

**Lynette de Silva, Instructor, Water Resources Graduate Program**
Co-faculty lead, **Water Conflict Management Certificate**
Email: desilval@geo.oregonstate.edu or lynette.desilva@oregonstate.edu
Phone: 541.737.7013

## Administrative Contacts

**Juliet Sutton**
Program Coordinator, **Master of Natural Resources**
Email: juliet.sutton@oregonstate.edu
Phone: 541.737.6088
Office: Richardson Hall 321
Contact Juliet with administrative questions about the MNR program, the SNR, FCC, and UF certificates, or for course overrides.

**Janean Creighton, PhD- Forest Ecosystems and Society**
Program Director, **Master of Natural Resources**
Email: janean.creighton@oregonstate.edu
Phone: 541.737.1049
Office: Richardson Hall 202
Contact Janean with program-specific concerns or grievances.

# University Resources

OSU offers a wide array of academic and support resources designed to meet graduate student needs. Some of the more commonly used resources are included below. Note that some services are campus-specific. On-campus resources are available to Ecampus students when they visit OSU or if they are completing their distance education in proximity to the Corvallis Campus or OSU Cascades Campus. However, some on-campus resources are unavailable to Ecampus students even if they are local to the Oregon region. The Graduate School and Ecampus Student Services websites are typically the best place to start when you need assistance that is not specific to your MNR or certificate program.

## Ecampus

OSU Ecampus is consistently ranked among the nation's best providers of online education for the quality and strength of its programs. In each of the last seven years, Ecampus has been top-ranked nationally by several organizations based on rigorous criteria including academic quality, student engagement, faculty credentials and training, student support, and student satisfaction.

Ecampus strives to make your experience as a student as positive and successful as possible. They work to ensure your full access to our campus community, whether you are within driving distance of Corvallis or a thousand miles away. The Ecampus Student Services webpage is a hub for most of the information you could want or need during your graduate program in natural resources. Some of the most relevant webpages include:

- Student Resources
- Technical Assistance & Discounted or Free Software, Hardware
- Policies
- Frequently Asked Questions
- Step-by-step guide for new graduate students
- Starting your Ecampus Courses
- Career Guidance
- Student Communities and Organizations

In addition to these online resources, help from Ecampus is as close as an email or phone call away. Staff are available to assist you and act as your liaison to campus services and to your advisor. Email them at ecampus.ess@oregonstate.edu or call them at 800-667-1465 (select option 1).

The Ecampus Librarian, Stefanie Buck, can help answer your questions regarding library resources, research, access, and other general questions. The Ecampus library developed a guide for students to utilize library resources from a distance. You can ship books from the OSU Valley Library to you, request electronic versions of books, complete interlibrary loans and more. You can also review the Natural Resources library guide for relevant literature to your graduate research and coursework.

## OSU Graduate School

The Graduate School at OSU assures quality and consistent interpretation of Graduate Council policies related to graduate education across all programs. The OSU Catalog is the official source for information regarding OSU graduate education policy and procedures. As a student, it is your responsibility to refer to the catalog for this information. Note: the term you first enroll defines your catalog year. The graduate policies section of the catalog has a wealth of information about OSU requirements for graduate school, covering degree requirements, policies, course listings, and other relevant information.

The Graduate School supports students throughout the academic life cycle, from admissions to degree completion. The Graduate School offers various professional development opportunities specific to the success of graduate students. Topics covered in these offerings include: research and ethics, teaching and facilitation, writing and communication, leadership and management, career skills, graduate student life, and wellness.

The Graduate Student Success webpage contains much of the information you will need throughout your time in graduate school. In particular, the Graduate Student Resources page is a helpful guide to many of the University resources available to you, sortable by the following categories:

- Academic Help
- Campus and Community
- Health and Wellness
- Mentor Relationship
- New Student
- Professional Development

There are a wealth of resources available to you through the Graduate School and University, and the Graduate Student Success Guide is the best place to find them. The Graduate School is both a governing body and a resource for all graduate students and post-doctoral fellows at OSU. Email the Graduate School at graduate.school@oregonstate.edu with your questions or call them at 541-737-3313.

# College of Forestry Resources

These College of Forestry (CoF) resources are available to all CoF members including students in the MNR degree, Sustainable Natural Resources certificate, the Urban Forestry certificate, and the Forests and Climate Change certificate.

- **CoF Jobs**

  The CoF Jobs webpage lists job opportunities for graduating CoF students.  If you are preparing for your next step after graduate school, we encourage you to check this page early and often.

- **Forestry Computing Help Desk**

  The CoF Help Desk is available to all members of the College of Forestry. They can help with a wide variety of software and hardware issues. The computing help desk has helped MNR students to navigate teleconference services available to students, like WebEx, so they can meet remotely with faculty, students, and staff at OSU. Ecampus also has computing resources available for students enrolled in any online program.

- **Statistical Consulting and Research Assistance**

  The CoF Research and Statistics Consulting Services staff offer training and assistance with research study design, statistical analysis, programming languages (e.g. R) and interpretation of statistical literature. The consultants encourage students to meet with them before beginning field work or data collection to ensure their methods and study design are as sound as possible.

# OSU Services and Resources

## Academic Success Center

The Academic Success Center (ASC) provides academic support services for all students at Oregon State University. In addition to Ecampus and the Graduate School, ASC has a wealth of information and strategies to enhance your experience as an OSU student. We encourage you to visit their page for tips on achieving balance, managing time, using OSU resources or even setting up meetings with coaches and tutors. The ASC was created specifically to ensure that all students are successful in their academic endeavors while studying at OSU. The ACS home page, the Learning Corner, and the What's on the Web webpages are all good places to start.

## Graduate Writing Center

The Graduate Writing Center understands that traveling to campus for an in-person writing consultation is not always possible. For those who need alternatives to the on-campus appointment, the Writing Center offers feedback through the Online Writing Lab (OWL). You can seek OWL feedback electronically via an email (asynchronous) consultation or via a Skype (synchronous) consultation.

## Military and Veteran Services

The mission of the Military and Veteran Services Office is to provide support to military service members, veterans, and their families studying at Oregon State University in pursuit of their educational goals. The office assists in navigating the requirements of higher education, ensuring awareness of available benefits and services, and achieving a successful learning experience at Oregon State University. If you are an active duty member, reserve member, or veteran of the U.S. Armed Services, we encourage you to connect with this office. You should also visit the Ecampus webpage for military members and veterans.

## Disability Access Services

Disability Access Services (DAS) provides accommodations, education, consultation and advocacy for qualified students with disabilities at Oregon State University. DAS works with students around the world enrolled through Ecampus. If you need to speak with someone about accommodations, get in touch with DAS as soon as possible. You should also visit the Ecampus webpage for disability services.

## NetTutor

NetTutor is a leading provider of free online tutoring and learner support services fully staffed by experienced and trained tutors. You can connect to live tutors from any computer that has internet access. NetTutor provides a virtual whiteboard that allows tutors and students to work on problems in real time. You can also access an online writing lab where tutors critique and return essays within 48 hours.

## WebEx

WebEx is a web conferencing platform for participants to host meetings remotely. All students, staff, and faculty have a free WebEx account through OSU. Many of our MNR and certificate students use this tool to hold audio or video enabled meetings with faculty or staff on campus.

## Additional Resources

- Campus Safety – Emergency phone numbers, university alerts, protocols for maintaining personal safety
- Career Development Center – Resume/CV, networking, job search strategies
- Childcare and Family Resources – University child care centers, child care assistance
- Cultural Resource Centers – Cultural based community centers, social support
- Graduate Student Success Center (GSSC) – Lounge, study space, printing, meeting rooms
- Financing your education – Funding options and information, graduate awards
- Health Insurance – Plans for graduate students and graduate employees
- Human Services Resource Center (HSRC) – Food pantry, housing and food stamp assistance
- Office of International Services (OIS) – Visa and immigration advising
- Recreational Sports – Dixon Recreation Center, intramural sports
- Statistics Consulting Service – Graduate student research statistical advising

- Student Health Services (SHS) – Clinic and pharmacy
- Student Multimedia Services (SMS) – Poster printing, equipment and laptop loans
- Transportation Alternatives – Bike, bus, SafeRide
- Transportation and Parking Services (TAPS) – Parking permits, maps
- Valley Library – Reference and research assistance, study spaces, research tools

## Managing Your Health and Wellness

Many people believe that crushing stress, lack of sleep, and social isolation are all just a normal part of being a graduate student, but that is absolutely untrue! Graduate school is about discovery, challenging yourself and those around you, and making significant contributions to your field. This process does take a significant amount of work and it can be stressful, but the work should never feel hopeless, unsustainable, or unmanageable.

A graduate degree program is hard work. It is a complicated balancing act between your academic pursuits, supporting yourself and creating a sustainable life. Graduate students commonly lose steam now and then, especially as they hit obstacles or ruts in their research or courses. Students also tend to worry about their progress or feel overwhelmed by their to-do list. Recharging mentally and physically, allowing yourself to relax, and pursuing activities unrelated to your graduate program are vital to cope with graduate school stress. Keeping a healthy perspective is critical to your well-being. Remember that nobody does their best work when they are burned out.

### When to Ask For Help

Some students may not realize the effect that their stress is having on them, or may not recognize it as an issue needing attention.  Some potential negative effects of stress are:

- Difficulty concentrating or paying attention
- Problems eating
- Poor sleep (trouble falling asleep, nightmares, etc.)
- Dizziness, lightheadedness, or difficulty breathing
- Waves of sadness with urges to cry
- Ongoing headaches, muscle aches/spasms or back aches
- Stomach problems, diarrhea or frequent urination
- Increase in severity and duration of illnesses
- Low frustration tolerance

If you experience these symptoms, or if you are feeling like…

- The harder and longer you work, the less you seem to get done

- Talking to your peers, advisor or committee might 'expose' you as a fraud

- Resting, eating, and taking time to relax or socialize makes you feel guilty because you are not working

- You are unable to focus on or accomplish easy things

- It is hopeless – there is just too much to do, and you are not good enough to do it

**…then we want you to ask for help.**

If you are comfortable talking about personal matters with your advisor, you should go to them first. Remember: they have been through this too!  If you are not comfortable talking with your advisor, you can speak to the Graduate Program Director or the Department Head instead.  If you would rather talk with someone outside the department, consider visiting a counselor or finding local support groups where you can talk through your concerns in a safe and confidential environment. Counseling & Psychological Services has a page on their available services for Ecampus students.

# Grievances, Advocacy and Mediation

The following resources are all available to help you resolve any issues that are affecting your experience as an OSU graduate student. Please review your options carefully and contact the department that best fits the type of assistance you need.

## MNR Program | See "Program and Department Contacts" for contact information

You are always welcome to discuss any issues with the MNR Graduate Program Director or the FES Department Head. We are committed to providing you with a quality education and a positive experience, and we take all complaints seriously. If your issue is beyond the scope of the program, we can refer you to other resources that may be better able to help.

## Graduate School | 541.737.4881 | gradschool.oregonstate.edu

All graduate students desiring to appeal matters and file a formal grievance at the university level should follow the Grievance Procedures Policy for graduate students. These procedures are designed to maintain harmonious relations among students, faculty, and staff and address all facets of graduate education and employment of graduate students at Oregon State University, except for those explicitly noted.

## Office of Equal Opportunity and Access | 541.737.3556 | eoa.oregonstate.edu

Individuals who feel they are being treated unfairly because of a protected status such as race, gender, sexual orientation, gender identity or physical ability, or individuals who believe they are subjected to retaliation for engaging in a protected activity or to behavior that rises to the level of bullying should contact the Office of Equal Opportunity and Access. Through the Office of Equal Opportunity and Access, students can begin an informal process to resolve a disagreement or file a formal complaint.

The Office of Equal Opportunity and Access promotes the principles of equity, inclusion, and diversity. They engage in community development, deliver and develop programs, initiatives and resources related to campus-wide diversity and social justice issues, and provide an opportunity for individuals who believe they have experienced bias or discrimination to come forward, file a complaint, and have their concerns addressed.

The OSU Office of Equal Opportunity and Access defines sexual harassment as the following: Unwelcome* sexual advances, requests for sexual favors and other verbal or physical conduct of a sexual nature when:

- Submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment or education;

- Submission to or reject of such conduct by an individual is used as the basis for employment or education-related decisions affecting such an individual; or

- Such conduct is sufficiently severe or pervasive that is has the effect, intended or unintended, of unreasonably interfering with an individual's work or academic performance because it has created an intimidating, hostile, or offensive environment and would have such an effect on a reasonable person of that individual's status.

*Employee conduct directed towards a student – whether unwelcome or welcome – can constitute sexual harassment under OAR.*

There are two confidential resources to discuss reporting options: Center against Rape and Domestic Violence (CARDV) provides 24/7 confidential crisis response at 541-754-0110 or 800-927-0197, and OSU Sexual Assault Support Services is available weekdays at 541-737-7604.

## Ombuds Conflict Management Services | 541.737.4537 | ombuds.oregonstate.edu

The Ombuds Conflict Management Services Office has designated impartial conflict resolution practitioners who provide confidential and informal assistance on a variety of issues and concerns. The Ombuds Office operates independently and has no formal decision-making authority or disciplinary responsibilities.  Ombuds do not act as advocates for any one position in a dispute, rather they strive for fairness of process and healthy campus conflict resolution.  If you are unsure where to report a resolve a conflict, the Ombuds Office is a safe place to start.

## Associated Students of Oregon State University | asosu.oregonstate.edu

ASOSU promotes academic excellence, encourages the intellectual, social, cultural, and physical development of the student body, and enables the student body to assert its varied interests as citizens and members of the academic community through democratic representation. ASOSU can help you with issues pertaining to academic dishonesty, financial aid, privacy, student conduct, tuition and fees, faculty misconduct, grade appeals, parking, and more.

# Appendix: Examples of MNR Capstone Projects

| Topic Area | Project Title |
|---|---|
| Human Dimensions of Natural Resources | Homeowner Association Residents' Perceptions of Stormwater Retention Ponds and Clean Drinking Water: Montgomery West Homeowners Association (MWHOA) Gaithersburg, Maryland |
| | Attitudes Toward Water Allocation Policy in the Willamette Valley, Oregon |
| | Stakeholder Preferences for Payment for Ecosystem Service Benefit Distribution Systems |
| | Analyzing a Collaborative Approach to Forest Management Planning on the Evitts Creek Water Company Property in Bedford County, Pennsylvania |
| | Eugene Residents' Risk Perception of Water Scarcity |
| | Assessing Impacts on Stakeholders from Climate Change Adaptation in Olympic National Forest and Olympic National Park |
| Land Management | Managing Human Resources to Protect Wildlife and Natural Ecosystems: A Case Study of the Weekiwachee Preserve, Hernando County, Florida |
| | Managing Natural Resource Sustainability Alternatives on a Former Military Base: A Case Study of the U.S. Army's Camp Bonneville, Clark County, WA |
| | The Nisqually: A Collaborative Approach to Habitat Restoration Planning & Monitoring |
| | An Overview of General Basin Information and Current Challenges & Management Strategies within Farmington Bay Waterfowl Management Area, Davis & Salt Lake Counties, Utah |
| | Sustainable Natural Resource Management: Identifying Land Cover Change and Associated Environmental Impacts of Wetland Conversion in the Upper Klamath Basin, Oregon |
| | Badger Hill Genetic Resource Site Management Plan |
| | Integrating Climate Change Adaptation into the Management of Alaska's Kenai River Watershed |
| | GIS Solutions to the Proposed Siskiyou Crest National Monument |
| Fisheries | Proposed Recovery Plan for Pacific Bluefin Tuna |
| | Forecasting the Most Likely Status of Wild Salmon in the Central Valley of California in 2100 |
| | Effectiveness of Three and Four Capture Occasions Using Baited Minnow Traps for Estimating Abundance of Age 0+ Coho Salmon in Southeast Alaska |
| | Possible Effects of Salmon Anemia Virus on Pacific Salmon Species of British Columbia and Their Fisheries |
| | Spruce Beetle and Colorado River Cutthroat Trout |
| | Mason's Run Brook Trout (*Salvelinus fontinalis*): History, Management Challenges, and Recommendations |
| | A Landscape-scale Watershed Assessment Method to Support Fish Passage Restoration Strategies in Puget Sound, Washington State: A Case Study for the Fish Barrier Removal Board |
| | Municipal Water Impacts on Steelhead Trout in the Gales Creek Watershed |
| Water Resources | Willamette River Watershed Management: Portland Oregon's Green Streets Initiative as a Resource to Manage Stormwater Flows and Retention of Heavy Metals and Other Pollutants |
| | Effects of Urbanization on the Salt River Watershed |

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| | Klamath Reclamation Project: Approaches to Sustainable Groundwater Management |
| | Vulnerability of Irrigation Water Resources in a Changing Climate |
| | Water Reclamation for Wildfire Control and Management |
| | Saline Seep Management in North-central Montana |
| | What Do We Know about Stream-road Crossings? An Evaluation of Information Needs and Available Databases on Forest Service Lands in the Pacific Northwest |
| | Toledo Bend: The Potential of Changing from Hydropower to Water Sales |
| | Evaluating and Predicting Impacts of CO2 and CH4 Intrusion into a Confined Sandstone Aquifer: Fate of As and Cd |
| | Emiquon Preserve Connection: A Case Study of Reconnecting the Illinois River to Its Original Floodplain |
| | Resuspension of Legacy Pollutants from Historical Mining and Agricultural Land use, Summersville Lake, Summersville, West Virginia |
| Wildlife | Information Needs, Proposed Research, and Management for the Black Oystercatcher: A Report to Region 1 of the U.S. Fish and Wildlife Service |
| | Will Hair of Known Predators Act as a Repellant of White-tailed Deer? |
| | Supporting Wolverine Persistence in the United States: The Endangered Species Act and Corridors for Connectivity -- A Literature Review |
| | Managing the Factors Threatening the Health of Isle Royale National Park Ecosystems, Considering the Decline of Population Status and Loss of Genetic Variability of the Wolf Population Due to Ongoing Anthropogenic Factors |
| | Invasion of *O. rusticus* in Valley Forge National Historical Park, Pennsylvania |
| Vegetation Management | The Gwinnett County Parks and Recreation's Invasive Plant Species Management Plan |
| | Monarch Vegetation Management Plan |
| | Haleakala National Park Vegetation Management Plan |
| | Remotely Sensed Shrub Density as a New Layer in Habitat Prediction Models |
| Forestry | Sustainable Energy for Galena, Alaska: Timber Harvest Management Plan |
| | Round Mountain Young Stand Development Capstone Project |
| | The Herting Tree Nursery: Moving Toward Sustainability |
| Urban Areas | The Benefits of Urban Natural Areas: Use, Management, and Conservation |
| | Climate Adaptation Planning: Preparing Bologna, Italy through a Comparative Analysis with Portland, Oregon USA |
| | Green Infrastructure and Sustainable Practices in Hamburg, Germany |
| | Siberian Elm in New Mexico: A Community Landscape Approach to an Invasive Species |
| | Understanding Vulnerability: A Study of the Euclid Creek Watershed |
| | Martha Gardens Green Alleyways: A Case Study in Stormwater Management through Low Impact Development Practices |
| Traditional Ecological Knowledge | A Traditional Environmental Knowledge and Cultural Reconstruction: A Practical Application at the Red Bluff Recreation Area, Mendocino National Forest, Graindston District |
| | Traditional Ecological Knowledge in Sustainable Ecosystems: Integrating Indigenous and Western Science and Philosophy |

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| | Baseline Socioeconomic Assessment of Traditional Villages in American Samoa with Village Marine Protected Areas |
| Other | An Overview of Natural Gas Well Pad Surface Disturbances and Techniques Used to Increase Reclamation Success within the Vermillion Basin, Wyoming |
| | Using Community Gardens to Help Solve the Hunger Crisis in San Diego County |
| | Lake Solano Regional Park: Master Plan Assessment and Update |
| | Mill Creek Nature Center: A Framework for Sustainability |
| | Cyber-software Combining User-defined Time-lapse Digital Photography and Time-series Data for Sustaining Research and Advancing Discovery in GLOBE and Beyond |