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# Course Title: Land Steward Instructor-led Online Course

# Instructor name: Rachel Werling

Instructor email:rachel.werling@oregonstate.edu;

# Instructor phone: (541) 776-7371 x 211

**Office Location**: 569 Hanley Road, Central Point, OR

# Instructor name: Thomas Stokely

Instructor email:Thomas.Stokely@oregonstate.edu;

**Instructor phone:** (541) 548-6088

**Counties Served**: (OSU Extension) Deschutes, Confederated Tribes of Warm Springs, Jefferson, Crook

Instructor bios:

**Rachel Werling** is the faculty coordinator for the OSU Land Steward Progam and has been with OSU Extension since 2011. She oversees the Land Steward Program. Rachel developed this course with the assistance of a committee of volunteers and partners. The Land Steward Program works with a diverse set of community partners to support land stewards to achieve their management goals.

Rachel grew up in Minnesota on a family dairy farm. After studying environmental biology and botany at Humboldt State University in California, she served as a forestry volunteer in the Peace Corps in Ecuador. She lived in Oaxaca, Mexico for twelve years where she stewarded three acres of land, ran a family business, and raised two daughters. Through Arizona State University, Rachel completed her Master’s degree in botany (Plant Biology) while in Oaxaca. Her thesis is an illustrated flora of native trees and shrubs. Prior to the Land Stewards, Rachel worked for OSU Extension coordinating a watershed education program. She has been teaching natural resource education in Oregon since 2008. Since moving to Oregon, Rachel worked as a field biologist performing inventories and assessments for plants, birds and mammals in the Pacific Northwest. She is president of the Native Plant Society of Oregon’s Siskiyou Chapter. In her free time, you'll find her outdoors when possible, hiking, camping, canoeing, x-c skiing, and always keeping an eye on what the plants, birds, land stewards and other creatures are up to.

## Central Oregon

**Thomas Stokely** is the Forestry and Natural Resources Extension Professor in Central Oregon, serving Crook, Deschutes, Jefferson counties and the Confederated Tribes of Warm Springs. His area of expertise includes forest ecology and management, forest health, wildlife habitat and biodiversity conservation.

Thomas was raised on a horse ranch in the Missouri Ozarks where he began his natural resources path, being involved in grazing management and prescribed burns, and spending much time in the woods. He went to the University of Missouri to study Environmental Science with a land management focus, where he became interested in a career in extension to help promote conservation on working lands. Thomas came to Oregon State University for a Master’s to study the relationships between forest management practices and wildlife habitat with the Betts Forest Landscape Ecology lab and in collaboration with forest industry, state and non-governmental partners. Building upon his Master’s research, he completed a PhD in the department of Forest Ecosystems and Society and recently finished a Postdoctoral Scholar position in the department. His major career goal is to work with landowners to incorporate science into collaborative forest management for promoting the resiliency of forests and the biodiversity they contain.

## North East Oregon

**Jacob Putney**

Extension Forester

Baker and Grant Counties

Oregon State University

Jake joined the OSU Extension Forestry and Natural Resources team in 2019, after completing his master’s degree in forest management. His expertise is in forest health, inventory, modeling, and silviculture.

**John Punches**

Extension Forester

Northeastern Oregon

Oregon State University

John has been with OSU Extension Service since 1994, serving as an Extension Forester and in a variety of leadership roles. He has degrees in forestry, wood science, and forest ecosystems/tree physiology.

## Douglas County and SW Oregon

**Alicia Christensen**

**Christopher Adlam**

**Linn and Benton Counties**

**Brad Withrow Robinson**

**Jodie Einerson**

**Klamath and Lake Counties**

**Kathrine Wollstein**

Course Description

This oline Land Steward course from Oregon State University Extension features a blend of self-paces online lessons and instructor-led online meetings. This expert-led course is well-suited for busy adults who enjoy online learning and want to know how to improve management of their land. The course includes nine self-paced online lessons, and three virtual online meetings (zoom) with natural resource experts.

The course is specifically designed for owners of forests, woodlands, small farms or other rural land who want to manage their property's natural resources more effectively. The material was developed for South West oregon but will apply to much of the west. The information given here will help you figure out how to get answers about natural resource questions that may be different in your area.

In this course, you will gain essential insights into wildfire risk reduction, forest and woodland management, encouraging and controlling wildlife, stream ecology, pasture management, growing healthy soils, small acreage infrastructure, stewardship planning, and more. We recognize that not all of the topics covered will be directly applicable to your property or situation. Nevertheless, we encourage you to interact with all of the course content to develop a broad understanding and perspective on land management.

Throughout the course, you can expect to spend about two-three hours per week on each self-paced online lesson and related activities. You will also complete a series of resource assessment to get to know your property better and develop a management plan for your property using our landowner-friendly template.

Through the online materials you will develop property management and planning skills. In our online sessions you will meet natural resource experts who can address questions that may come up as you do your assessments.

PrerequisitesThere are no pre-requisites for this course, other than an interest in land management.

Communication & Instructor Support: Rachel WerlingThis course is designed to be accessible for folks with limited time for inperson classes. Our communications are also designed to be remotely accessible. Below

* **Help Online:** Please post all technical difficulty questions with the online course in the **Help** discussion thread so that the whole class may benefit. (Usually, if *you* have a question, someone else in the class does also.)
* **Online “Discussion”:**
	+ Be sure to interact with the discussions at the end of each lesson module. We will gather your questions and comments and use them to help frame our online Zoom “webinar” meetings with natural resource experts.
* **Individual Help**: Rachel Werling is available for individual consultation or questions. Rachel.werling@oregonstate.edu.
* For matters of a personal nature, please email. **I work part time, usually M-Th. If I don’t get right back to you, thank you for your patience!**

Course Mode The course begins with an online Zoom meeting which, get an overview of the course and get to know each other. Then you will complete five self-paced online modules over the next five weeks, followed by Zoom session with some natural resource experts to review the first set of resource topics and answer questions that may have come up during your assessments. Then you’ll complete four more online modules, with a second Zoom session following these. Throughout the course you’ll be completing a series of assessments of resources on your property. These assessments will help you build your management plan. You’ll complete a written plan, using the template provided or your own, by **April 30, 2021**. **You must complete and turn in a plan to receive a certificate of completion for the course.**

# Canvas

This course will be delivered via Canvas where you will access the syllabus, learning materials, tutorials, discuss issues and/or display your projects. If you are having problems accessing Canvas [check your computer compatibility](http://ecampus.oregonstate.edu/forms/browsercheck/).

# Winter 2021 Land Steward Online Course Outline & Schedule

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| **Date**  | **Topic** | **Activities** | **Class Location/Mode** |
| **Friday,** **Friday 11, 2021****6:00-8:00pm** | Overview of courseStewardship Navigating Canvas |  | **Zoom**  |
| **Zoom Meeting** |
|   |
| Week 1: Feb. 14, 2021 | Managment Planning  | Review online lessonBegin pp 1-4 in Management Plan | Online Self-paced |
| Week 2: Feb. 21 2021 | Woodlands & Forests  | Review online lessonComplete resource assessmentsSummarize in plan | Online Self-paced |
|  |
| Week 3: Feb. 28 2021 | Wildfire Preparedness  | Review online lessonComplete resource assessmentsSummarize in plan | Online Self-paced |
| Week 4: Mar. 7, 2021 | Wildlife Habitat  | Review online lessonComplete resource assessmentsSummarize in plan | Online Self-paced |
| Week 5: Mar. 14, 2021 | Streams & Riparian Areas | Review online lessonComplete resource assessmentsSummarize in plan | Online Self-paced |
| **\*Mar., 16, 18, TBD 2021****6-8 p Zoom** | **Resource Zoom Meetings:** for Woodlands, wildfire, wildlife, riparian areas | **Zoom Meetings with regional experts** | **Zoom: attend one for your region, or as many as desired** |
| Week 6:Mar. 21, 2021 | Soils | Review online lessonComplete resource assessmentsSummarize in plan | Online Self-paced |
| Week 7: Mar. 28, 2021 | Pasture Management | Review online lessonComplete resource assessmentsSummarize in plan | Online Self-paced |
|   | Rural water systems | Review online lessonComplete resource assessmentsSummarize in plan | Online Self-paced |
| Week 8: April. 4, 2021 |
|   |
| Week 9: April. 11, 2021 | Economic & Enterprise | Review online lessonComplete resource assessmentsSummarize in plan | Online Self-paced |
| **\*April 20, 22, TBD** 2021**6-8pm Zoom** | **Resource Zoom Meetings**: for Soils, pasture mgmt., water systems, rural enterprises | **Zoom Meetings with regional experts** | **Zoom: attend one for your region, or as many as desired** |
| **April. 30, 2021** |  | **Management plan Due** |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Date**  | **Resource Zoom Sessions** | **Activities** | **Instructors/** |
| **Tues. March 16, and April 20 2021****6:00-8:00pm** | **NE Oregon**  |  | **John Punches, and Jacob Putney and partners** |
| **Meet local agency experts for natural resource topics, Address land assessment questions** |
|   |
| **Tues. March 18, April 222021****6:00-8:00pm** | **Linn and Benton Counties**  | **Meet local agency experts for natural resource topics, Address land assessment questions** | **Brad Withrow-Robinson and partners** |
| **TBD wk. of March 14 and April 18** | **Klamath and Lake Counties** | **Meet local agency experts for natural resource topics, Address land assessment questions** | **Kathrine Wollstein, Rachel Werling and partners** |
| **TBD wk. of March 14 and April 18** | **Central Oregon** | **Meet local agency experts for natural resource topics, Address land assessment questions** | **Thomas Stokely and partners** |
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| **TBD wk. of March 14 and April 18** | **Douglas County and SW Oregon**  | **Meet local agency experts for natural resource topics, Address land assessment questions** | **Alicia Christensen, and Chris Adlam, and Rachel Werling** |

\* Resource Zoom Meetings: With Regional Natural Resource experts, Choose those for your region or attend them all. Sessiona will be recorded.

# Learning Resources

All of the needed learning resources for the course are available online within the Canvas course structure. The main resource is the self-paced **online lesson**. Within each lesson there are also suggested supplementary resources to review. Additionally, there is a **Resource Library** for each lesson within the Canvas course structure.

Technology SupportIf you experience difficulties, errors, or problems in Canvas, please click the **Help** button located at the bottom of the left sidebar within your Canvas course. Tier 1 technical support is available to you 24 hours a day, 7 days a week.

If you have difficulties accessing your course in Canvas, please **contact PACE** (OSU’s Professional and Continuing Edcuation unit) at (541)737-4197 or email pace@oregonstate.edu. PACE is available Monday through Friday from 8 a.m. until 5 p.m. Pacific time.

# Measurable Learning Outcomes

After successful completion of this course, participants will be able to:

* Identify good stewardship practices for each of the following resources:
	+ Woodlands
	+ Streams and riparian areas
	+ Wildlife
	+ Wildfire preparedness
	+ Soils
	+ Pastures
	+ Water resources
* Conduct an assessment of the conditions of each of these resources topics and identify potential resource concerns, healthy conditions, and potential follow-up actions.
* Create a management plan for your property to help you meet your goals and improve resource stewardship.

**Zoom Meetings**

We will have three live Zoom classes. A few zoom pointers:

* **You don’t need a Zoom account** to access these meetings. Just click on the link provided by your instructor when you receive it.
* **You will be let into a waiting room until your instructor lets you in.**
* Once you are in you will be muted in audio and video. Controls to unmute are in the lower left of your computer screne.
* A phone number is always provided to call in to the meeting rather than using a computer.

# Statement Regarding Students with Disabilities

PACE seeks to accommodate the diverse experiences and learning styles of the students. Accessibility, accommodations are collaborative efforts between learners and PACE. If you require accommodations please email pace@oregonstate.edu.

# Conduct in the Online Classroom and Field Sessions

Discussions of land management philosophy and practices sometimes bring out strong feelings and opinions. Exchanges of views are welcome when done in a civil manner. Participants will be expected to treat all others with the same respect as they would want afforded themselves. Disrespectful behavior to others (such as harassing behavior, personal insults, inappropriate language) or disruptive behaviors in the course (such as persistent and unreasonable demands for time and attention both in and out of the classroom) is unacceptable.

# Netiquette

While online interaction between participants is not a requirement of this course, students may want to post questions and/or offer responses via the online discussion forum. This is entirely voluntary and at the discretion of the participant. In an online classroom, your primary means of communication is written. The written language has many advantages: more opportunity for reasoned thought, more ability to go in-depth, and more time to think through an issue before posting a comment. However, written communication also has its disadvantages. This includes a lack of the face-to-face signaling that occurs through body language, intonation, pausing, facial expressions and gestures. As a result, please recognize the possibility of miscommunication and compose your comments in a clear, positive, supportive, and constructive manner. Please be sure to be professional by demonstrating tolerance for diverse points of view and give each other the benefit of the doubt about any unclear intended meanings.

Evaluation
Course evaluation results are extremely important and are used to help improve this course and the learning experience of future students. In the last module, there is a link to a survey regarding the course to assess the effectiveness of the program. We value your feedback on this survey!

If you have feedback for improving the course, either during this session or for subsequent sessions, we would like to know. To provide direct feedback, please email pace@oregonstate.edu.