



## UC CLIMATE STEWARDS OF THE COAST AND REDWOODS



### Instructor

Cathy Johnson

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### Course Start and End

8/17-11/9

Fall 2022

### Climate Stewards Website

<http://calnat.ucanr.edu/cs>

### Canvas Course Website

[login.uconline.edu/stewards/](https://login.uconline.edu/stewards/)

### Registration

<https://stewardscr.org>

### Course Fee

\$450 for members; \$550 for non-members

### Course Location

Online via zoom; plus 3 in-person field trips and/or self-guided independent field trips.

### Course Schedule

Wednesday evenings from 6:30 to 9:00 pm

Three Weekend days (Sat and/or Sun) TBD.

### Course Overview

The UC Climate Stewards seeks to foster a committed corps of volunteers ready to effectively engage in transformative local solutions to promote community and ecosystem resilience in a changing climate. The UC Climate Stewards course will introduce you to social-emotional learning and trauma-aware practices, climate change communication, climate science, and community resilience planning. The course curriculum will combine themes of communication, community engagement and climate science with guest lecturers, field trips, and project-based learning to immerse you in the dynamics of your local community.

This UC Climate Stewards Course will integrate locally relevant themes of fire, water and stewardship that will translate across the state, national and global climate resilience.

### Learning Outcomes

- Increase access to up-to-date and locally relevant climate science to improve climate literacy
- Improve participants' self-efficacy and agency by fostering climate change communications skills development, civic engagement, and local conservation and community action
- Establish an inclusive community of practice focused on stewardship, communication, and community solutions to advance resiliency
- Build statewide support and capacity to effectively advance state and local climate goals
- Meet all of the course requirements

### Course Requirements

- **Contact Time:** Each UC Climate Stewards course consists of a minimum of 43 educational hours (online, classroom, and field time), which includes a minimum of 12 hours in the field.
- **Required Reading and Online Work:** Read the entire *UC Climate Stewards Handbook*, complete six (6) online course modules, and complete assigned homework.
- **Class Attendance and Field Trips:** Participants must attend all Wednesday evening classes. If an evening class is missed, the participant will be expected to complete make-up activities on their own time at the direction of instructor. Please talk to Cathy if you are going to miss a class. **Only one evening class can be missed.** Participants will attend an engage in a minimum of 3 group guided field trips. If guided group field trips are missed or you cannot attend, you will have to make it up by completing a field trip(s)

independently and provide a brief write up. Please talk with instructor for guidelines on independent field trips.

- **Capstone Project:** Participants are required to complete a Capstone Project in one of six areas: Community Resilience and Adaptation, Environmental and Climate Justice, Conservation/Restoration (Stewardship), Participatory Science, Education/Interpretation, or Program Support. The Capstone Project provides an opportunity for participants to integrate their own personal interests with the in-class material toward the development of an applied work project done in conjunction with a community organization. Participants must get pre-approval for Capstone Projects in the first 3 weeks of the course. Participants are encouraged to work in teams when appropriate. Participants will deliver an individual or group capstone presentation (5 minutes long per person). Participants are expected to spend a minimum of 8 hours on the capstone project and will add hours spent on the Capstone Project into the volunteer management system. Further guidance on the Capstone Project will be discussed during class time and office hours will be available for further guidance.
- **Class Participatory Science Project:** Each participant must contribute to the participatory science project adopted by the class. Our class participatory science project is ([iSeeChange.org](https://www.iseechange.org) or [volunteer project with Stewards](#))
- **Evaluation:** Completion of the online post-course evaluation survey is critical for the ongoing success and improvement of the course. You will be provided with a link to the evaluation survey toward the end of the course.
- **Volunteering and Volunteer Management System (VMS):** Participants will be provided with an online account to track their volunteer hours, including hours spent on their Capstone Project. Tracking volunteer hours is an essential way to prove need and impact of UC Climate Stewards.

### Required Text

- [Climate Stewardship: Taking Collective Action to Protect California](#), Adina Merenlender with Brendan Buhler. (Must be purchased by participants.)

### Recommended supplemental reading

- [The Thinking Person's Guide to Climate Change](#), Robert Henson.
- [Smokescreen: Debunking Wildfire Myths to Save our Forests and Our Climate](#), Chad Hanson
- [Saving Us](#) Katharine Hayhoe
- [All We Can Save](#) Ayana Elizabeth Johnson, Katharine Wilkinson, et al.
- [Tending the Wild](#) M. Kat Anderson
- [Taking the War Out of Words](#) Sharon Strand Allison

### Course Materials

- **Required:** Access to internet connected computer or phone and an email account for communication, online course materials, and Volunteer Management System access. *Please notify the instructor immediately if you do not have an e-mail account.*
- Course content is accessed through the Canvas Learning Management System <https://login.uconline.edu/stewards/>.

- If class is attended virtually internet connected device with video camera and microphone go participate in zoom based virtual class meetings.

### Recommended Resources

- **CalNat YouTube Channel:** View videos from UC Climate Stewards conferences, meetings, and more.  
*Url:* <https://www.youtube.com/channel/UCGBYG5ShV4VDiUiRbEmmObg>
- **CalNat Mapping Tool:** UC California Naturalist Program provides a GIS-based map-producing tool you can use for both content delivery and logistics. Choose from multiple base maps and layers to explore bioregions, compare and contrast field sites, create maps to field trips and capstone projects and more.  
*Url:* [http://calnat.ucanr.edu/Resources/CalNat\\_Maps/](http://calnat.ucanr.edu/Resources/CalNat_Maps/)

### Volunteering and the Volunteer Management System

Volunteering: Participants are encouraged to complete at least 40 hours of volunteer service each year. Pins are awarded each year for participants who meet this goal, and the pin designs differ from year to year.

- Volunteer activities must relate to climate communication, education, interpretation, mitigation, adaptation, or community or ecosystem resilience, occur in California, be sponsored by an organization, and be unpaid or part of a subsidized workforce development program (e.g., CCC, NFF, AmeriCorps).
- Your 8-hour capstone project will count toward your first year's volunteer hours. You will log these hours into the [UC Volunteer Management System](#). A welcome e-mail will be sent to you after instructors add your information to the system. Notify your instructor if you do not receive that e-mail. You will be provided with a user name and password in the introductory e-mail after the start of the class.
- The volunteer management system website is <https://vms4.ucanr.edu/>.
- There are resources available to help you familiarize with the UC CalNat/Climate Stewards volunteer management system and commonly used features. Check out our help guides and videos geared toward users and program administrators.  
*Url:* [http://calnat.ucanr.edu/Resources/VP\\_Help/](http://calnat.ucanr.edu/Resources/VP_Help/)

### Course Credit

Upon completing certification requirements, participants are eligible for academic credits through UC Davis Continuing and Professional Education for an additional nominal fee. Graduates who expressed interest in this opportunity with their instructor will receive a communication from the UC California Naturalist Program post-course with information on how to obtain the optional credits.

### Homework Policy

All homework assignments are due according to the date posted in Canvas. Each homework unit is due prior to the start of our class discussion for that unit (by midnight the night before our Saturday class). All homework should be submitted through Canvas. It is the student's responsibility to complete all assignments on time. If there are extenuating circumstances,

it is the student's responsibility to contact the instructor to make individual arrangements. If students have difficulty using the Canvas portal or submitting homework, contact your instructor as soon as possible

### **Attendance Policy**

Participants must complete of 40 hours of instruction during the class. Participants must attend all Wednesday evening classes. If an evening class is missed, the participant will be expected to complete make-up activities on their own time at the direction of the instructor. Please talk to Cathy if you are going to miss a class. **Only one or 2 evening** class session can be missed. Participants that miss more than 2 classes are not eligible for the UC Climate Stewards certificate. Because of the unique aspects of field trips, participants need to attend all field trips. In the case that you cannot attend field trips, participants may be able to arrange an alternative option at the discretion of the instructor

### **Cancellation Policy**

Registrants may cancel up to two weeks before the first day of instruction for a full refund, minus a \$50 administrative fee. Registrants that can successfully refer another student to replace their spot in the course prior to the first day of class will receive a full refund. Registrants that experience a verifiable medical emergency personally, or in their family, between the two weeks of class before and after instruction has begun may re-enroll in the following year's course at a 50% discounted rate, with priority for early registration. No other cancellations, for any other reason, will result in a refund.

### **Instructional Methods**

The course will integrate a range of instructional methods including online modules, presentations, peer-to-peer discussion, small group activities, hands-on and inquiry-based activities, experiential learning. Requests for reasonable accommodations for disabilities or limitations should be made prior to the date of the program or activity for which it is needed. Please make such requests as early as possible by contacting Cathy.

### **Statement on Inclusion and Accommodations**

If you have a learning or physical need that will require special accommodations in this class you will need to notify your instructor in writing of your accommodation needs. Please notify at least 30 days prior to the first class if you require any special accommodations. This will allow us ample opportunity to provide suitable accommodations. We make reasonable accommodations for persons with documented disabilities. Materials will be available in alternate formats (Braille, audio, electronic format, or large print) upon request.

### **Statement on Financial Accessibility Cost**

Students are responsible for course fees and the purchase of suggested books. Students are also responsible for costs associated with any travel, meals and equipment. Scholarships to reduce the cost of course program fees will be available on a limited basis depending upon need

<b>Meeting #</b>	<b>Date</b>	<b>Topic/Subject (instructional activity) (Reading/Assignments Due) (clarifications on this syllabus component)</b>	<b>Speaker (Title &amp; Affiliation) Local Focus for the Week</b>
1	8/17/22	<b>Introductory Webinar Class Meeting (Welcome/Introduction Activity)</b> <i>(this should be the date that the meeting occurs on)</i>	
Wk 1		<b>Online Component Unit I – Community Connections</b> <i>(the online material is intended to be assigned in-between class meeting, it is good to make it clear that this work is intended to be completed before the next meeting)</i>	
2	8/24/22	<b>In-person Component Unit I – Community Connections Class Meeting</b>	
Wk 2		<b>Online Component Unit II – Interpretation/Communication/Education</b>	
3	8/31/22	<b>In-person Component Unit II – Interpretation/Communication/Education</b> (Capstone Project Outline)	
Wk 3		<b>Online Component Unit III – Climate in Context, Part 1, Week 1</b> <i>(this is one of the larger and more involved units, we recommend this spans two weeks before meeting in-class to discuss so the students have plenty of time to work on the material)</i>	
4	9/10/22	<b>Field Trip #1 (Details Below)</b>	<i>Skip 9/7/22 zoom in-person class in lieu of field trip</i>
Wk 4		<b>Online Component Unit III – Climate in Context, Part 1, Week 2</b>	
5	9/7/22	<b>In-person Component Unit III – Climate in Context, Part 1</b>	Speaker TBA
Wk 5		<b>Online Component Unit IV – Climate in Context, Part 2, Week 1</b> <i>(this is one of the larger and more involved units, we recommend this spans two weeks before meeting in-class to discuss so the students have plenty of time to work on the material)</i>	
6	9/24/22	<b>Field Trip #2 (Details Below)</b>	<i>Skip 9/21/22 in-person in lieu of field trip</i>
Wk 6		<b>Online Component Unit IV – Climate in Context, Part 2, Week 2</b>	
7	9/28/22	<b>In-person Component Unit IV – Climate in Context, Part 2</b>	Speaker TBA
Wk 7		<b>Online Component Unit V – Community Resilience</b> (Distribute Course Evaluation link)	
8	10/5/22	<b>In-person Component Unit V – Community Resilience</b>	Speaker TBA

Wk 8		<b>Online Unit VI - Capstone Presentations and Graduation</b> <i>(as students will be working to finish their capstones and capstone presentations, we recommend this spans two weeks before meeting in-class so the students have plenty of time to work on their presentations)</i>	
9	10/8/22	<b>Field Trip #3 (Details Below)</b>	<i>Skip 10/12/22 in-person in lieu of field trip</i>
Wk 9		<b>Online Unit VI - Capstone Presentations and Graduation</b>	
10	10/19/22	<b>In-person Unit VI - Capstone Presentations Preparation and Graduation</b> (Course Evaluations)	Speaker TBA
	11/2/2022 and 11/9/2022		

### Course Schedule

**Field Trip Schedule** (Detailed schedules provided the week prior to each field trip.) Dates subject to change.

Wk	Date	Subject/Topic (time, emergency contact)	Mtg. Location/Time (map link)	Speaker (Title & Affiliation)
4	9/10/22	Field Trip (time, emergency contact)	Address (Map link)	TBA
6	9/24/22	Field Trip (time, emergency contact)	Address (Map link)	TBA
8	10/8/22	Field Trip (time, emergency contact)	Address (Map link)	TBA