

UCDAVIS

Continuing and Professional Education

PLANNING AND SUSTAINABILITY

Summer 2019



PLANNING AND SUSTAINABILITY SUMMER 2019 CALENDAR

May

7, Tues. Planning and Sustainability Information Session*

June

7, Fri. Law and Policy of California Interstate Waters (1)

July

11, Thurs. Special Status Amphibians and Reptiles of California (2)

15, Mon. Introduction to NEPA*

17, Wed. CEQA: A Step-by-Step Approach

24, Wed. LEED Building Certification*

26, Fri. Land Use and Environmental Planning in the Era of Climate Change (1)

31, Wed. Successful CEQA Compliance: An Intensive Two-Day Seminar (2)

Aug.

7, Wed. Vested Rights, Vesting Maps and Development Agreements (1)

14, Wed. CEQA Update, Issues and Trends (1)

Introduction to Environmental and Social Sustainability (1)

Sustainable Erosion Control: Effective BMPs (1)

15, Thurs. Introduction to Open Source GIS (1)

16, Fri. CEQA and Climate Change: An In-depth Update (1)

21, Wed. Planning and Sustainability Information Session*

22, Thurs. Writing for Planners, Engineers and Policymakers (1)

Sept.

6, Fri. Habitat Conservation Plan Implementation (1)

9, Mon. Using GIS to Manage, Analyze and Promote Sustainability (3)



Training from Industry Experts

California is a big state with big challenges. UC Davis Continuing and Professional Education's Planning and Sustainability program provides the real-world training you need to address your community's most pressing needs at the policy, planning and project levels. Enhance your skills and career with an academic experience that combines both advanced training in a variety of disciplines with a unique networking experience, as you learn with and from fellow industry professionals. Whether you're looking to brush up on a subject that affects your jurisdiction or want to expand your skill set and advance your career, UC Davis offers the training and programs you need. We can't wait to see you in class!



INSTRUCTOR SPOTLIGHT SEAN BARRY

Sean Barry is a herpetologist, conservation biologist and independent consultant with more than 50 years of experience with California amphibian and reptile populations. As a researcher on threatened and endangered species for the California Department of Fish and Wildlife, Barry was involved in the California amphibian and reptile conservation program from its inception in 1970.

What do you enjoy most about teaching?

I particularly enjoy students' questions about the material. I'm always impressed with how much the questions reveal about the students' understanding of the material, which provides satisfaction and insight into areas where I could improve the presentation.

Describe a moment where, as a teacher, you feel like you had an impact on a student's life.

I've encountered a number of students who oppose protecting animals such as amphibians and reptiles that they view as "unimportant." The first time I was aware that my teaching might be having an impact occurred when a student switched rather abruptly from asking somewhat confrontational questions to asking for more details on the life history of pond turtles. It was clear that the material had helped the student find some value in an animal they previously disregarded. The entire interaction was satisfying to me, not only because I helped the student see a new point of view, but it also exposed me to a differing opinion, which has helped me refine my approach to teaching.

What separates UC Davis courses from others?

The large number and great variety of course offerings and certificate programs at UC Davis Continuing and Professional Education contrast strongly with most other programs that I have examined. Continuing and Professional Education strives through workshops, student feedback and enrollment trends to assist its faculty in improving teaching strategies and methods, which I think really benefits the students.

Barry's next course, *Special Status Amphibians and Reptiles of California*, begins July 11. To enroll, visit cpe.ucdavis.edu/planning.

SUMMER COURSES

Free Online Information Session

Join us for this free online information session to hear about the courses and programs in our Planning and Sustainability portfolio. Meet our instructors and staff and learn what training from UC Davis Continuing and Professional Education can offer you.

May 7 or Aug. 21
cpe.ucdavis.edu/free

LAND USE AND NATURAL RESOURCES

From land use planning to understanding and complying with California's complex regulatory landscape, learn the skills to help you excel in your job.

Special Status Amphibians and Reptiles of California

This two-day course covers the identification, distribution, natural history, ecology, conservation history and status of all the Northern and Southern California amphibian and reptile species and subspecies that are listed as threatened or endangered by the California Department of Fish and Wildlife (CDFW) or the U.S. Fish and Wildlife Service.

July 11-12 • \$425

ONLINE

Introduction to NEPA

This course will provide an introduction to the National Environmental Policy Act (NEPA), including policies, procedures and environmental documents necessary for successful compliance. It is primarily designed for new and mid-level NEPA practitioners and will inform agency staff, consultants, regulators, applicants and other interested professionals about best NEPA practices.

July 15-Aug. 12 • \$400

CEQA: A Step-by-Step Approach

Clarify and deepen your understanding of CEQA and the implications it has for your organization, plan or project. Discuss the latest changes to the state CEQA guidelines, new case law and legislation.

July 17 • \$400

Land Use and Environmental Planning in the Era of Climate Change

Discuss the implications of our evolving understanding of climate change and its practical effects on land use planning and CEQA compliance in California.

July 26 • \$360

Successful CEQA Compliance: An Intensive Two-Day Seminar

Learn how to clearly understand and comply with CEQA guidelines in this interactive seminar, designed to assist public agency staff, consultants, attorneys, developers, members of environmental organizations and others.

July 31-Aug. 1 • \$525

Vested Rights, Vesting Maps and Development Agreements

Examine the legal basis for development agreements and the overlap between agreements and vesting subdivision maps. Participants will learn the negotiation process, identify and discuss the range of options available when negotiating a development agreement and review the theoretically possible agreement.

Aug. 7 • \$360

CEQA Update, Issues and Trends

CEQA practice is constantly evolving, raising new issues and revealing new trends. Learn recent developments and emerging trends, and exchange ideas about handling key issues in the environmental review process.

Aug. 14 • \$400

CEQA and Climate Change: An In-depth Update

Participate in an in-depth discussion of the implications of our evolving understanding of climate change and its practical effects on CEQA compliance.

Aug. 16 • \$400

Writing for Planners, Engineers and Policymakers

Acquire practical skills that you can use immediately to prepare high-quality documents. Strengthen your writing abilities through a series of short exercises, and analyze examples of good and bad writing and the effect that both can have on the success of a project.

Aug. 22 • \$360

Habitat Conservation Plan Implementation

Examine the techniques and best practices for implementing Habitat Conservation Plans (HCPs), Natural Community Conservation Plans (NCCPs) and other types of regional conservation plans for endangered species. Learn how to address the challenges of implementing one of these types of plan.

Sept. 6 • \$360

**Also of Interest:
Conflict Resolution**

Discover tools to address and resolve conflicts, facilitate and negotiate through better communication.

cpe.ucdavis.edu/resolution

**GEOGRAPHIC
INFORMATION
SYSTEMS**

Gain a working knowledge of GIS technology, terminology and applications, focusing on the ArcGIS software package with our beginning, intermediate and advanced courses.

**Introduction to Open
Source GIS**

This class will introduce the concepts and utilization of Open Source GIS and spatial databases in an integrated format. During in class exercises we will use QGIS 3.6, a cross platform, open source GIS desktop software, to learn how to make maps by symbolizing, querying and editing data.

Aug. 15 • \$360

**Using GIS to Manage,
Analyze and Promote
Sustainability**

Students will review real-world case studies of GIS application in solving energy reduction mandates, and will learn how to match GIS tools to specific sustainability challenges, including site selection, preservation efficiency evaluation, land use compatibility analysis and green marketing techniques.

Sept. 9, 11 and 13 • \$650

SUSTAINABILITY

Our courses are designed to address the emerging trend of developing healthier and smarter buildings by defining effective ways to utilize energy and water usage.

ONLINE

**LEED Building
Certification**

Gain an in-depth understanding of the LEED Building, Design and Construction (BD&C) rating systems for new construction projects, schools, and core and shell projects as well as the process to document and obtain certification.

July 24-Sept. 18 • \$675

NEW

**Introduction to
Environmental and Social
Sustainability**

This intensive, one-day workshop addresses the most frequently asked questions about the application of environmental and social sustainability in an organizational and corporate context.

Aug. 14 • \$360

**3-year Certificate
Agreement**

Thinking about earning a certificate in our *Land Use and Environmental Planning Program*? Complete the program in three years or less and we'll cover the cost of your last course (up to \$675) and waive the \$125 registration fee.

Learn more:
cpe.ucdavis.edu/landuse

WATER RESOURCES

From water law and policy to water resources planning and urban growth, these courses aim to give practical guidance for those involved with managing California's complex water supplies.

NEW

**Law and Policy of
California Interstate
Waters**

This class will explore the overlapping issues and complexities of interstate rivers, including why rivers are important to California, how river water is allocated, and how the environment and various communities are affected by the allocations, including cities, farms and tribes.

June 7 • \$360

**Sustainable Erosion
Control: Effective BMPs**

Effective erosion and sediment control is rooted in a fundamental and comprehensive understanding of site processes and basing the selection and application of Best Management Practices (BMPs) on those processes. This course will present the art and science of proper BMP selection and implementation.

Aug. 14 • \$360

Contact Us

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Facebook: facebook.com/UCDavisCPELUNR

> cpe.ucdavis.edu/planning





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