



Customized Land Use and Natural Resources Training

Let UC Davis Extension move your organization forward

- **CUSTOM** — Programs designed to meet your specific needs
- **CONVENIENT** — On-site, online or at your office
- **QUALITY** — Taught by leading academics and expert working professionals

**UC DAVIS
EXTENSION**

**LAND USE AND
NATURAL RESOURCES**



CONTINUING AND PROFESSIONAL EDUCATION

Building Client Partnerships

UC Davis Extension provides training in land use, natural resources and sustainability to leading agencies. Topics and courses offered include:

Water Resources Management and Water Quality

Environmental Planning and Law (CEQA, NEPA, Clean Water Act)

Urban and Transportation Planning

Natural Resources Management

Public Participation

GIS (Geographic Information Systems)

Technical Writing Skills

Clients include:

- Building Industry Association of Northern California
- California Department of Water Resources
- California Energy Commission
- California Natural Resources Agency
- California State Parks, Office of Historic Preservation
- California Water Boards
- CalTrans
- Cities and Counties throughout Northern California
- County of Sacramento
- Natural Resources Conservation Service
- U.S. Bureau of Reclamation
- U.S. Environmental Protection Agency
- U.S. Forest Service

For a complete list of clients visit extension.ucdavis.edu/lunr_custom.

Experts in Land Use, Sustainability & Natural Resources

For more than 30 years, UC Davis Extension's Land Use and Natural Resources program — the largest in the western U.S. and winner of several major awards — has provided training that focuses on two of our most precious resources: the environment and the people who help shape it.

UC Davis Extension delivers educational material that's leading-edge, relevant and taught by recognized experts in the field. The curriculum is continually updated to address critical current issues and emerging trends. With UC Davis Extension, your employees benefit from the latest research, techniques and information they can use immediately. And you see a measurable return on investment: improved productivity, efficiency, new ideas and customer service.

Customization, Convenience & Quality

UC Davis Extension provides more than just good training — you receive world-class instruction in a format tailored to your unique needs.

- **CUSTOMIZATION** Maximize your professional development capacities with affordable curriculum tailored to your specific goals, programs and needs.
- **CONVENIENCE** On-site, online or in your office — choose the format that works best for you. Extend your reach with our award-winning Online Learning Group. Get the training you need in the timeframe you need it by choosing a packaged version of one of our open enrollment courses.
- **QUALITY** UC Davis Extension's instructors bring real-world experience, expertise and insight into the classroom. Tap into the innovative ideas of an extensive network of experts, including private consultants, public officials and academic faculty.





Natural Resources and Water Planning Management

California's Most Comprehensive Water Programs

By partnering with UC Davis Extension, your employees are trained by the some of the state's leading authorities on water resources, legislation and policy.

“UC Davis Extension provides what we need, when we need it.”

“UC Extension provides what we need, when we need it. From concept through delivery they complement and supplement the work of our own staff, helping us to ensure that each event is as good as it can possibly be.”

Margie Youngs

Director Training Academy
State Water Resources Control Board

U.S. Bureau of Land Management

THE NEED: To meet a Congressional mandate, the BLM needed to train its staff to develop and update comprehensive, long-range plans for multiple-use lands and national monuments across the western U.S.

THE SOLUTION: A team of instructors and consultants from UC Davis Extension developed a series of hands-on courses in natural resources assessment, inventory and mapping, land use planning and conceptual design and environmental review/impact evaluation under NEPA. The team delivered four-day intensive courses at various locations throughout the western U.S.





At the Leading Edge of Environmental Law and Policy

Stay ahead of new developments in water and land use legislation

Environmental laws and policies are constantly evolving, and organizations at all levels need ongoing training to keep up with the changes. UC Davis Extension equips your staff with insightful information on the latest federal, state and local regulations.

“The instructors made a complex subject interesting and relevant.”

“Very engaging with lots of examples.”

“The instructors made a complex subject interesting and relevant.”

CEQA and NEPA Compliance for Water Projects

THE NEED: The Department of Water Resources needed to train staff from all program areas and job classifications in emerging CEQA and NEPA topics. It was crucial to the agency’s mission that staff stay current with case law and be prepared to deal with environmental permit integration issues for CEQA and NEPA projects.

THE SOLUTION: UC Davis Extension created a course that clarified current CEQA and NEPA issues and taught DWR staff how to develop compliance documents more efficiently. Through lectures, discussions and hands-on group exercises, participants examined the necessary contents of CEQA documents and joint CEQA/NEPA documents for certain types of water storage and delivery projects.





Specializing in Sustainability

Programs Across the Sustainability Spectrum

UC Davis Extension's sustainability classes put your organization at the forefront of the green design trend, helping you develop healthier communities through smart design and effective resource management.

“ UC Davis Extension has been instrumental... from the early stages of development through implementation. ”

Transportation Planning: Context Sensitive Solutions

THE NEED: CalTrans policy requires that transportation projects be developed with sensitivity to external factors such as environment, economy, local community values and safety. Training in CSS was needed to equip CalTrans staff with practical tools to incorporate all of those concerns into the planning process.

THE SOLUTION: Working closely with a CalTrans steering committee, UC Davis Extension designed a course that explained CSS concepts and helped staff apply those concepts during the transportation planning process. Using case studies and group exercises, participants received expert training relevant to projects they were working on.

“UC Davis Extension has been instrumental... from the early stages of development through implementation. This training has fostered stronger working relationships between landscape architects and environmental planners and fills a critical need in helping CalTrans satisfy its NEPA Delegation responsibility and conduct legally-defensible studies so that it can deliver its projects on time and within budget.”

Dennis Cadd

Statewide Coordinator
CalTrans Landscape
Architecture program





Photo Credit: Stuart Seeger

Making Great Places

Courses that put you at the forefront of emerging land use, urban design and transportation planning. Whether you're in the public or private sector, UC Davis Extension can assist you in streamlining the planning and design process through a comprehensive understanding of the most up-to-date regulations and best practices.

California Chapter of the APA Distinguished Leadership Award

UC Davis Extension's Land Use and Natural Resources program won the 2011 California Chapter of the APA Distinguished Leadership Award at both the state and regional levels for the program's commitment to excellence in urban, community, regional and environmental planning education for professionals.

Land Use Planning Fundamentals

THE NEED: Many natural resources professionals do not have an adequate background in local land use planning laws and practices, yet their work is significantly affected by land use and community development projects. Water Board staff needed training in current land use laws and practices to interact more effectively with local governments and developers.

THE SOLUTION: UC Davis Extension delivered an overview of California land use planning law and processes using discussions, case studies, lectures and interactive exercises. Staff gained new skills and knowledge to better integrate water quality objectives into community development.



A Network of Industry Leaders

Gain from our instructors' expertise

A few of our many faculty and instructors include:

Jeff Loux, Ph.D.

*Chair of Science, Agriculture and Natural Resources,
UC Davis Extension, and adjunct faculty in the
Department of Environmental Design, UC Davis.*

Curtis Alling, AICP

Ascent Environmental

Karen Beardsley, Ph.D., GISP

*Managing director of the
Information Center for the
Environment, UC Davis*

Ken Bogdan, J.D.

*Principal and environmental
counsel, ICF International*

Craig Churchward, ASLA, RLA

*Senior transportation landscape
architect, LHB Green Team*

Sydney Coatsworth

Ascent Environmental

Robert Emerick, Ph.D.

Principal, Stantec

William Fulton, M.A.

*Principal for Design, Community
& Environment, and author of
Guide to California Planning*

Al Herson, M.A., J.D., AICP

*Environmental attorney and
planner, Sohagi Law Group*

David Mogavero

*Senior principal, Mogavero
Notestine Associates*

Antero Rivasplata

*Technical director, ICF
International*

Paul Zykofsky, M.A., AICP

*Director of Land Use and
Transportation, Local Government
Commission*



UC: Unmatched Resources, Cutting-Edge Research

Access the research and educational network of the world's preeminent public university system:

Sustainable Transportation Center

Meeting society's transportation needs while minimizing environmental and economic costs.

Information Center for the Environment

Developing geospatial technologies and data architectures to catalog environmental information.

Urban Land Use and Transportation Center

Designing and implementing land use and vehicle policies that support sustainable cities.

Center for Watershed Sciences

Tackling watershed restoration and management problems across California.

Air Quality Research Center

Solving air pollution problems in the service of industry, nonprofits and government.

Center for Regional Change

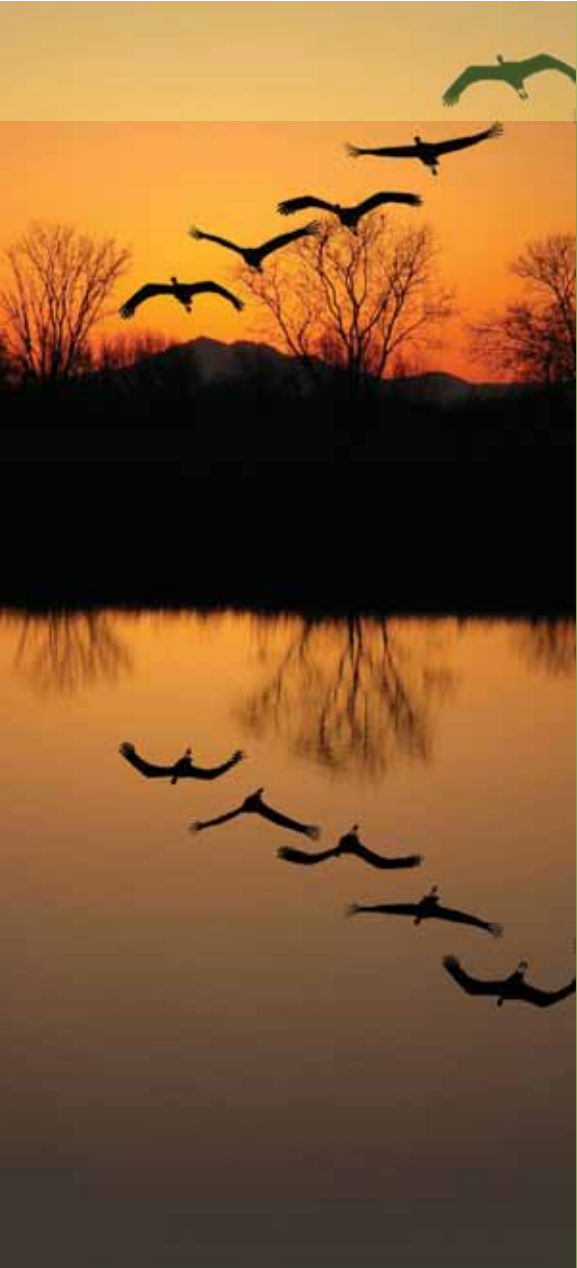
Creating just, sustainable and healthy change in the Central Valley and Sierra Nevada.



UC DAVIS EXTENSION

LAND USE AND NATURAL RESOURCES

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UC Davis Extension offers innovative, focused training solutions to meet your organization's needs. Give your employees the educational edge that gets results.

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