

Landscape Architecture's Role in Low Impact Development Designing For Sustainability

Landscape Architecture
LDA 190 Proseminar series
Spring Quarter 2013
Fridays at noon
Wellman Hall Room 119

April 5

Loren Oki
CE Associate Specialist
Department of Plant Sciences
and the Landscape Architecture Program
Course introduction
Impacts of residential development on urban
creeks and streams

April 12

Mary Cadenasso
Associate Professor
Department of Plant Sciences, UC Davis
Slowing the flow: Ecology and the design of
urban watersheds

April 19

Julie Saare-Edmonds
Water Use Efficiency Branch
CA Department of Water Resources
Landscapes for a new California
MWEL0/AB1881/SBx7-7

April 26

Cheryl Buckwalter
Executive Director
EcoLandscape California
Landscape Liaisons
Designing Residential Landscapes for MWEL0

May 3

Eric Berntsen
Staff Environmental Scientist
CA State Water Resources Control Board
Managing landscapes for sustainability and
watershed functions

May 10

Aaron Majors
Owner and Department Manager, Construction
Cagwin & Dorward, Novato, CA
A contractors perspective on sustainable
landscape renovation - Water, case studies, &
return on investment

May 17

Kevin Perry
Principal
Urban Rain|Design, Portland, Oregon
Integrating Stormwater Management with
Urban Design

May 24

Marq Truscott
Principal
Christine Talbot
Associate Principal
Quadriga, Sacramento, CA
The New California Park: Opportunities for
Sustainable Low Impact Development

May 31

Josh Bradt
Watershed Specialist & Project Manager
San Francisco Estuary Partnership
Green streets in El Cerrito

Bios

Mary Cadenasso, Ph.D.

Mary L. Cadenasso (Ph.D. in Ecology) is an Associate Professor and Ecologist in the Department of Plant Sciences at the University of California, Davis with research interests in landscape, ecosystem, and plant ecology specifically focused on the role of spatial heterogeneity in system dynamics. She is involved in research on urban land cover and the link to ecosystem and hydrologic processes, urban agriculture and environmental justice, the influence of vegetation structure on nitrogen dynamics in California oak savannas, and the structure and function of riparian zones in Kruger National Park, South Africa. She is Co-Principal Investigator of the Baltimore Ecosystem Study Long Term Ecological Research Project (BES), Co-Principal Investigator on the Fresno-Clovis Urban Long Term Research Areas Exploratory Project and Lead PI on two projects in Sacramento investigating urban land cover and ecosystem services. Cadenasso teaches Urban Ecology and Ecosystem and Landscape Ecology at UC Davis.

Julie Saare-Edmonds

Julie Saare-Edmonds has been the California Department of Water Resources Landscape Specialist for 11 years. She has worked as a technical advisor for the state's green building program and as a team member of the Model Water Efficient Landscape Ordinance update. She did the conceptual design of the Save Our Water Waterwise Garden for the 2010 California State Fair. Julie is a River Friendly Green Gardener, a G3 Certified Landscape Professional and a UCCE Master Gardener. She has a B.S. in Conservation Biology from CSUS and a career certificate in horticulture from Sierra College. Her weirdest job was insect trapper for Sacramento County Agriculture. And she never met a succulent she didn't like.

Cheryl Buckwalter

Cheryl Buckwalter is a residential landscape designer, Certified Landscape Irrigation Auditor, consultant, and educator. She is the Executive Director of EcoLandscape California, a non-profit corporation whose mission is to educate and advocate for ecologically-responsible landscapes. Cheryl is also the Principal of Landscape Liaisons, a local landscape design firm. The firm's success is based on building teams of highly skilled professionals selected for their expertise according to the needs of each project. This enables Landscape Liaisons to provide each client with the most qualified professionals for their project, a depth of experience, and flexibility. Her commitment is demonstrated through her design projects, teaching experiences, professional affiliations, and volunteer service.

Eric Berntsen

Eric Berntsen is a staff environmental scientist in the State Water Resources Control Board's Watersheds, Ocean and Wetlands Section. He is a registered professional hydrologist, certified floodplain manager, licensed landscape contractor and an instructor for the Riverfriendly Landscaping Green Gardener Program. Eric is also Past Chair of the Certified Professional in Stormwater Quality (CPSWQ) program and serves on the board of directors of the Sacramento Area Creeks Council. He holds a B.A. in environmental studies/geology from the University of Pennsylvania and an M.S. in water resources from the State University of New York, College of Environmental Science and Forestry. At the State Water Board, Eric provides technical support in the areas of hydrology and geomorphology, stream restoration, erosion and sediment control, low impact development, and landscape design.

Aaron Majors

Aaron Majors, an Owner and the Construction Department Manager at Cagwin & Dorward, has led his team to build estate, commercial, and public projects throughout Northern California since 2003. Aaron earned a B.S. in Ornamental Horticulture from Cal Poly SLO in 1996 and is a Landscape Industry Certified Manager & Technician. He places a high-priority on developing his team with leadership & industry training. Throughout his career, he has overseen the sales development & project management of over \$50M in landscape construction. Notable projects include a renovation of Sunset Publishing's Gardens in Menlo Park, award winning estates in Napa and the Honey Bee Haven at UC Davis. He believes successful projects are built on collaborative relationships and through balancing budget, craftsmanship and schedule. Bay Friendly and other sustainable landscape spec's have been a new venture for him and part of Cagwin & Dorward's transition to Become part of the solution... Aaron has a passion for building landscapes by creating an enjoyable customer experience.

Kevin Robert Perry

Kevin Robert Perry, ASLA is a recognized leader in successfully integrating stormwater management with high-quality urban design. Over the last decade, Kevin has designed over 35 green infrastructure demonstration projects throughout the nation. He has received multiple ASLA Professional Awards of Honor for his work in green infrastructure. Kevin has extensive experience in the entire process for sustainable stormwater design and implementation, including pilot project identification, opportunities and constraints analysis, schematic design, education and outreach for the client and general public, technical design, construction administration, and operations and maintenance plan development. His work experience has helped municipalities develop a "toolbox" of design strategies and guidelines for public agencies across the United States. In 2012, Kevin launched his landscape architecture office Urban Rain|Design which aims to provide comprehensive green infrastructure visioning, planning, and design assistance to communities across the United States.

Marq Truscott

Marq has practiced landscape architecture for over 30 years. He spent several years working in multi-disciplinary firms in Sacramento, San Diego and Los Angeles prior to starting his own office in 1992. He formed Quadriga with his partner's in 1997, and is currently serving as President. A licensed landscape architect in the States of California and Nevada, his recent design projects include the renovation of Cesar E. Chavez Plaza Park, Sacramento City Hall Expansion, UC Davis Multi-use Stadium, and the Health and Wellness Center at UC Davis. Marq holds a bachelors degree in landscape architecture from California Polytechnic University at Pomona and has completed advanced studies in project management and real estate development.

Christine Talbot

Christine brings 14 years of professional experience to Quadriga, with a focus on the sustainability of public spaces. She has been integral in the design and management of a variety of projects ranging from the rehabilitation of public parks and public schools to the planning of infill development of a former manufacturing site in downtown Sacramento.

Josh Bradt

Josh Bradt is a Watershed Specialist & Project Manager for the San Francisco Estuary Partnership. He manages a multi-city green infrastructure demonstration project called the San Pablo Avenue Green Stormwater Spine and provides support to the Partnership's Watershed Program and regional green infrastructure efforts. Before joining the Partnership, Josh spearheaded the creation of a citywide Watershed Management Plan for the City of Berkeley. Prior to that, he was Executive Director and Restoration Director of the non-profit Urban Creeks Council. He has also worked as a Watershed Specialist for the Contra Costa Countywide Clean Water Program. Josh has a B.A. in Political Science from the University of North Carolina. Josh lives in Richmond, CA with his urban farming family.