HORT 499, BUILDING SUSTAINABLE LANDSCAPES

FOR THE 21ST CENTURY SEMINAR SPEAKER SERIES

SPRING 2025, Friday 1: -1:50, 1 Cr.

0006 ALS

Instructor: Al Shay, Senior Instructor level 1

**Week One:** Friday 4/4, Andony Melathopoulos, “Fable of the Bees: Sustainability for a society that oversteps its limits”.

**Week Two:** Friday, 4/11, Mykl Nelson, the future of urban agriculture in the 21st Century.

**Week Three:** Friday, 4/18, Lynda Boyer, Lynda Boyer Native Plant Manager, Heritage Seedlings & Liners. “Restoring Savanna Habitats in the Willamette Valley.” • Lynda is a Restoration Biologist and Native Plant Manager for Heritage Seedlings & Liners.

• She graduated from Portland State University with an MS in Plant Biology 1997 – her thesis focus was a systematic study of the rare native plant Willamette Valley larkspur (Delphinium oreganum).

• She was hired in 2001 by Heritage Seedlings to facilitate restoration of native habitats on nursery properties and manage a native seed production program. She now grows over 120 species of native Willamette Valley wildflowers, grasses, and sedges on 40 acres for commercial seed that is used on restoration sites in the Valley. The Seed Program also includes growing listed plant species (including her thesis species) for reintroduction to protected sites.

• She is currently restoring and maintaining over 300 acres of oak, prairie, and riparian habitat on Heritage properties. The largest of which, near Jefferson, now has a permanent conservation easement with the US Fish and Wildlife Service.

**Week Four:** Friday, 4/25, DeSantis Landscapes, “Managing a sustainably focused Landscape Company in a rapidly changing 21st century”

**Week Five:** Friday, 5/2, Darren Morgan, Darren Morgan, Manager Shonnards Nursery. "Realistic, Practical, and Pragmatic: Retail nurseries as the interface between the green industry and the public.” In the retail nursery business, we are the most public face of the green goods industry. Residential gardeners and small landscape companies come to us for advice on plants, planting, and diagnostics

**Week Six:** Friday, 5/9, Rick Martinson, Ecological Landscaping in the 21st Century.

**Week Seven:** Friday, 5/16, John Lambrinos, why we must keep dirty old rivers rolling: river restoration in the Anthropocene.

**Week Eight:** Friday, 5/23, Andrew Millison, “Restoring Earth’s Watersheds in the 21st Century: Large scale lessons from India.

**Week Nine:** Friday, 5/30, Al Shay, Senior Instructor Level 1. “Can we ever really work our way out our challenges until we radically change the drivers used to interpret a residential or commercial landscape and give it any sense of value?”

**Week Ten: Friday:** Friday, 6/6, John Miedema, Biological Solutions Inc., Philomath, OR. The survivalists Handbook for “The Sustainable Bio-char System, Terrestrial Carbon Harvesting for Green Energy Production, Soil Building, Environmental Remediation and Carbon Sequestration, in the 21st Century”.