



Dan Pederson Photo

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EDUCATION

Coursework
School of Fisheries Management
University of Washington

Bachelor of Forestry
University of California, Berkeley

Coursework
Zoology
University of California, Los Angeles

Elliott Menashe, Greenbelt Consulting **Forester, Vegetation Management Specialist**

Elliott has more than 40 years of experience in the resource management field, conducting stream and wetland restorations, re-vegetation projects, hazard tree management assessments, pre-development planning, forest management plans & implementation of timber-stand improvement measures, landscape appraisals, ecological restoration, wetland delineations, and marine bluff vegetation stabilization projects for private individuals and homeowner associations, environmental protection organizations, agencies, and municipalities throughout Western Washington. As the owner of Greenbelt Consulting, Elliott has been published widely and speaks regularly on environmental topics, including as an instructor for a variety of shoreline management classes for local jurisdictions. Elliott wrote "*Vegetation Management: A Guide for Puget Sound Bluff Property Owners*" (DOE Pub. 93-31), which has become the standard shore vegetation management guidance publication for the region. He is the originator of the "biostructural engineering" approach to slope stabilization, which combines structural, biotechnical, and vegetative elements to restore slopes and reduce erosion. This approach has been tested and proven effective in numerous mitigation and restoration projects. He has developed numerous proprietary techniques for shoreline revegetation and stabilization. Elliott has developed an innovative conceptual alternative to conventional shoreline armoring. The "root wall" concept, which uses large trees as major structural components, has been incorporated into several recent soft-shore protection projects.

*"I try to educate, inform, and assist landowners so they can make better land use decisions and take pride in preserving the unique features of the Puget Sound region. My education and experience—combined with a love of exploring the outdoors—has taught me how closely our well-being is linked with that of our environment. With increased population density, we need to do a better job of solving tomorrow's crises today. An ounce of prevention is worth a ton of riprap."
—Elliott Menashe*

Relevant Project Experience

- Technical Advisor, *Island Beach Access*, Greenbank, WA
- Technical Forestry Advisor, *Whidbey Camano Land Trust*
- Shoreline Management Advisor, *Friends of the San Juans* Landowner Assistance Project, funded by PSAT
- Technical Advisor, *Metro Parks Tacoma*
- Technical Advisor, *Washington Sea Grant*, relating to development of a "Marine Shoreline Planting Guide"
- Technical Advisor, interpretive trail development for *Whidbey Institute*
- Program, curriculum, and binder development for "*Shoreline Management and Stabilization Using Vegetation*," classes for coastal planners, funded by NOAA, through the Washington Coastal Training Program
- Technical Advisor, program development for the *Native Plant Salvage Project*, sponsored by South Whidbey Tilth

Before becoming a private consultant in 1987, Menashe worked for the University of California's Forestry Dept, in various capacities as a professional forester, wildlife biologist, Youth Conservation Corps (YCC) Educator/Trainer, and wildland firefighter/lookout for the US Forest Service and private industry; as a fisheries and cetacean biologist for the Army Corps of Engineers, National Oceanographic and Atmospheric Administration, National Marine Fisheries Service, Washington State Department of Fisheries, University of Washington, and Oregon State University; and as an environmental planner for the Washington State Conservation Commission.