

Reviewer Biographies

Dr. Peter A. Bisson

Pete Bisson is a research fish biologist and the leader of an aquatic research team at the Forest Service's Pacific Northwest Research Station laboratory in Olympia, Washington. He received a B.A. in environmental biology from the University of California at Santa Barbara in 1967, and M.S. and Ph.D. in fisheries from Oregon State University in 1969 and 1975, respectively. Pete worked as an aquatic biologist for the Weyerhaeuser Company for 21 years, and in 1995 he joined the Forest Service. Pete's studies have included fish populations in Pacific Northwest streams, stream habitats and food webs, riparian zone management, and a variety of conservation issues related to aquatic ecosystems. He holds affiliate faculty appointments at the University of Washington, Oregon State University, and the University of Idaho, and has served on two National Research Council committees: one on Pacific salmon and the other on watershed management. From 1997 to 1998 he was president of the Western Division of the American Fisheries Society. Pete is currently vice-chair of the Independent Scientific Advisory Board for the Columbia River Basin, a committee of scientists that provides oversight for one of the world's most extensive aquatic restoration programs.

Dr. William H. Emmingham

Bill Emmingham held the position of professor and extension silviculture specialist in the College of Forestry at Oregon State University from 1980 to 2001. In 2000, he was appointed as the first Hayes Endowed Professor for Silviculture Alternatives. As an emeritus faculty, he continues to coordinate continuing education programs for professional resource managers and to focus on development of better information about a wide array of viable silviculture options (from even-aged with clearcutting to uneven-aged with partial cutting) for Pacific Northwest forests. He holds a B.S. degree in forest management from the University of Idaho and M.S. and Ph.D. degrees in forest ecology from Oregon State University. He has over 50 publications on management of PNW forests. As Extension Silviculture Specialist he developed silviculture teaching materials and workshops for small woodland owners and continuing education programs for professional natural resource managers. For more than a decade Dr. Emmingham led the Silviculture Module of the Silviculture Certification Program co-sponsored by OSU and University of Washington. His extensive teaching and continuing education work enabled him to understand what is ecologically feasible and operationally possible in management of PNW forests.

Dr. Eric Forsman

Eric Forsman is a Research Wildlife Biologist with the U. S. Forest Service, Pacific Northwest Research Station in Corvallis. He has spent the last 30 years conducting research on spotted owls, including work on their diet, habitat use, home range areas, dispersal, molt, nest selection and behavior. In recent years Eric has conducted studies of the distribution, taxonomy, habitat and movements of red tree voles. His primary area of interest is habitat relationships of forest birds and mammals.

Dr. Robert E. Gresswell

Bob Gresswell has been studying habitat relationships and population dynamics of cutthroat trout for more than 30 years. His formal education included degrees from the University of New Mexico (B.S.), Utah State University (M.S.), and Oregon State University (Ph.D.). Since 1997, Bob has been working as an aquatic ecologist for the USGS Forest and Rangeland Ecosystem Science Center, and he is a courtesy assistant professor with the Department of Fisheries and Wildlife at Oregon State University. His interests concerning the influence of land-use activities on forested ecosystems have led to research on the relationships among landscape-scale environmental features, instream habitat characteristics, and coastal cutthroat trout abundance and distribution in watersheds in western Oregon. Bob became involved with research on the effects of fire while working in Yellowstone National Park, and his current research reflects a continued interest in the role of disturbance in shaping the aquatic systems.

Dr. Larry L. Irwin

Larry Irwin is the Forest-Wildlife Program Manager for the National Council for Air and Stream Improvement (NCASI). He received his degrees in wildlife biology and wildlife management from the University of Montana (B.S.) and the University of Idaho (M.S., Ph.D.). Larry's research interests cover relationships between wildlife populations and their habitats; habitat management for wildlife; vegetation succession, fire ecology, wildlife management; large mammal ecology; and physical environmental influences on wildlife-vegetation relations. His current research includes studies on adaptive management for northern spotted owls in Oregon and California and on spotted owl population dynamics relative to habitat structure in the eastern Washington Cascades. Larry has received numerous professional honors and awards and is the author of more than 80 scientific articles and monographs.

Dr. Janet L. Ohmann

Janet Ohmann is a research forest ecologist with the Pacific Northwest Research Station, USDA Forest Service, in Corvallis, Oregon. She holds a Ph.D. in forest ecology from Oregon State University, and an M.F. in forest ecology and a B.A. in botany from Duke University. Her research focuses on understanding broad-scale patterns and dynamics of plant communities and species, including stand and landscape structure, in Pacific Northwest forests. Her earlier research involved developing methods for the ecological basis for extensive forest inventory and analysis.

Dr. Chadwick D. Oliver

Chad Oliver received his academic degrees from The University of the South, Sewanee, TN (B.S.) and Yale University School of Forestry and Environmental Studies (M.F.S., Ph.D.). He is currently Pinchot Professor of Forestry and Environmental Studies, and Director, Yale Global

Institute of Sustainable Forestry. Chad's research during the 1970's and 1980's focused on the basic understanding of how forests developed and how silviculture could be applied to ecological systems most effectively. During the past decade he has also examined how this understanding can help resolve scientific, technical, and management issues at the landscape and policy levels. He is currently working on landscape approaches to management and is involved in the technical tools, the policies, the management approaches, and the educational needs. Chad was a member of the Science Panel at President Clinton's Forest Conference in 1993, has testified at United States Senate and House of Representatives Committee Hearings, and has served on or chaired various scientific panels for the United States and Washington State executive and legislative branches of government. Chad is the author of more than 100 scientific and technical papers on forest science subjects and has considerable experience advising public and private forest resource organizations in the United States and abroad.

Dr. Peter Teensma

Peter Teensma has over 20 years' experience in fire and resource management with the Federal government, largely in fire planning, fuels management, prescribed burning and fire suppression in Western Oregon. He was trained as a fire behavior analyst and served on an incident management team. Peter completed a Ph.D. on "Fire History and Fire Regimes of the Central Western Cascades of Oregon," and has published research on fire patterns of the Oregon Coast Range. He is currently assigned as an analyst on forestry and fire issues for the BLM and the Department of the Interior.