

# DIANE L. HAASE

## *Western Nursery Specialist*

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### EDUCATION

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1991	M.S. Forest Science, minor in applied statistics, Oregon State University, Corvallis
1989	B.S. Forestry, Humboldt State University, Arcata, CA

### CURRENT POSITION

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2009 - present	Western Nursery Specialist USDA Forest Service, State and Private Forestry, Portland, OR
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As a member of the National Reforestation, Nurseries, and Genetic Resources Team, I provide expert support to state, industrial, and private forest and native plant nurseries in the western United States (this includes 17 states and the Pacific Territories, Commonwealths, and Freely Associated States). This entails advising nursery managers and other plant professionals on a variety of issues and opportunities pertaining to seedling production, native plant restoration, and forest regeneration as well as assisting with problem solving and providing guidance in developing strategies to address seedling quality issues. Through reports, publications, presentations, conferences, workshops, and on-site visits, I provide key information to aid in the understanding and implementation of effective technology for bareroot and container nursery operations.

### PREVIOUS POSITION

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1991- 2009	Associate Director, Nursery Technology Cooperative (NTC) Department of Forest Science, Oregon State University, Corvallis, OR
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In this position, I conducted research in the areas of reforestation, bareroot and container nursery practices, and plant physiology. This included study development and design, establishment of trials, data collection, statistical analysis, budget monitoring, and report preparation. I also provided technical information and expert advice to the nursery, conservation, and reforestation community through publishing refereed journal articles, technical papers, annual reports, and quarterly newsletters. In addition, I gave presentations at professional meetings and graduate classes as well as organized and directed conferences, meetings, and workshops on topics including seedling morphological and physiological development, forest regeneration, and native plant restoration. I managed all aspects of the Seedling Quality Evaluation Services. Through the NTC's integrated program of research, information sharing, and technical assistance in collaboration with Federal, State, Tribal, and Private organizations, my work significantly benefitted the nursery and reforestation community by generating and transferring knowledge and practices which have been widely applied to growing techniques and outplanting practices.

## OTHER RELEVANT EXPERIENCE

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- 1989-91 Graduate Research Assistant, Nursery Technology Cooperative  
Department of Forest Science, Oregon State University, Corvallis, OR
- 1989 Summer Forestry Technician, tree improvement  
Simpson Timber Company, Korbel, CA
- 1988 Summer Forestry Technician, timber preparation  
USDA Forest Service, Plumas National Forest, Challenge, CA.
- 1987 Summer Forestry Technician, silviculture  
USDA Forest Service, Sequoia National Forest, Pinehurst, CA.

## CONFERENCES AND WORKSHOPS ORGANIZED

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- *Chlorophyll Fluorescence Technology for Forest Seedlings.*  
June 2, 1993, Centralia, WA (Attendance: 40)
- *Reforestation Contractors Workshop.*  
October 27-28, 1993, Corvallis, OR. (Attendance: 80)
- *Methyl Bromide Alternatives Workshop.*  
October 5-6, 1994, Olympia, WA. (Attendance: 80)
- *Forest Seedling Nutrition from the Nursery to the Field.*  
October 28-29, 1997, Corvallis, OR. (Attendance: 175)
- *Native Plants: Propagating and Planting*  
December 9-10, 1998, Corvallis, OR. (Attendance: 350)
- *Cost Effective Sampling Design for Field Foresters.*  
May 31, 2000, Tigard, OR. (Attendance: 65)
- *Advances and Challenges in Forest Regeneration*  
June 1-2, 2000, Tigard, OR. (Attendance: 200)
- *Native Plant Propagation and Restoration Strategies.*  
December 12-13, 2001, Eugene, OR. (Attendance: 350)
- *Forest Seedling Root Development from the Nursery to the Field*  
May 12-13, 2004, Eugene, OR (Attendance: 150)
- *Third Pacific Northwest Native Plants Conference.*  
December 15-16, 2004, Eugene, OR (Attendance: 140)
- *Components of Successful Reforestation from Seed to Free-to-Grow.*  
September 26-27, 2006, Eugene, OR (Attendance: 200)
- *Forest Seedling Quality: Hands-On Workshop.*  
November 7, 2007, Corvallis, OR (Attendance: 90)
- *Fourth Pacific Northwest Native Plants Conference.*  
November 27-29, 2007, Eugene, OR (Attendance: 265)
- *Native Plants Workshop.*  
March 24, 2008, Powers, OR (Contracted with Umpqua Community Development Corporation to provide full-day workshop to High School students in the Powers School District)
- *Target Seedling Symposium 2010*  
Joint meeting of the Western Forest and Conservation Nursery Association and the Forest Nursery Association of British Columbia. August 26-28, 2010, Portland, OR (Attendance 175)
- *Fifth Western Native Plants Conference.*  
December 7-9, 2010, Portland, OR (Attendance 125)

## REFEREED PUBLICATIONS

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- Rose R, Atkinson M, Gleason J, Haase D. 1992. Nursery morphology and preliminary comparison of 3-year field performance of 1+0 and 2+0 bareroot ponderosa pine seedlings. *Tree Planters' Notes*. 43(4):153-158.
- Haase DL, Rose R. 1993. Soil moisture stress induces transplant shock in stored and unstored 2+0 Douglas-fir seedlings of varying root volumes. *Forest Science*. 39(2):275-294.
- Haase DL, Batdorff JH, Rose R. 1993. Effect of root form on 10-year survival and growth of planted Douglas-fir trees. *Tree Planters' Notes*. 44(2):53-57.
- Haase DL, Rose R. 1994. Effects of soil water content and initial root volume on the nutrient status of 2+0 Douglas-fir seedlings. *New Forests*. 8(3):265-277.
- Fisker SE, Rose R, Haase DL. 1995. Chlorophyll fluorescence as a measure of cold hardiness and freezing stress in 1+1 Douglas-fir seedlings: response to seasonal changes in the nursery. *Forest Science*. 41(3):564-575.
- Haase DL, Rose R. 1995. Vector analysis and its use for interpreting plant nutrient shifts in response to silvicultural treatments. *Forest Science*. 41(1):54-66.
- Rose R, Haase DL. 1995. Effect of the antidesiccant Moisturin on conifer seedling field performance. *Tree Planters' Notes*. 46(3):97-101.
- Khan SR, Rose R, Haase DL. 1996. Water stress: its effects on phenology, physiology, and morphology of containerized Douglas-fir seedlings. *New Forests*. 12(1):19-39.
- Rose R, Haase DL. 1996. Irrigation for frost protection in forest nurseries: Room for improvement. *Western Journal of Applied Forestry*. 11(1):16-19.
- Rose R, Haase DL. 1997. Thawing regimes for freezer-stored container stock. *Tree Planters' Notes*. 48(1):12-17.
- Rose R, Haase DL, Kroiher F, Sabin T. 1997. Root volume and growth of ponderosa pine and Douglas-fir seedlings: A summary of eight growing seasons. *Western Journal of Applied Forestry*. 12(3):69-73.
- Rose R, Royo A, Haase DL. 1999. *Peltophorum dasyrachis* seedling growth response to different levels of boron. *Journal of Tropical Forest Science*. 11(4):832-845.
- Khan SR, Rose R, Haase DL, Sabin TE. 2000. Effects of shade on morphology, chlorophyll concentration, and chlorophyll fluorescence of four Pacific Northwest conifer species. *New Forests*. 19(2):171-186.
- Rose R, Haase DL. 2000. The use of coir as a containerized growing medium for Douglas-fir seedlings. *Native Plants Journal*. 1(2):107-111.
- Birchler TD, Rose R, Haase DL. 2001. Fall fertilization with N and K: Effects on Douglas-fir seedling quality and performance. *Western Journal of Applied Forestry*. 16(2):71-79.
- Rose R, Haase DL. 2002. Chlorophyll fluorescence and variations in tissue cold hardiness in response to freezing stress in Douglas-fir seedlings. *New Forests*. 23(2):81-96.
- Jacobs DF, Rose RW, Haase DL. 2003. Development of Douglas-fir seedling root architecture in response to localized nutrient supply. *Canadian Journal of Forest Research*. 33(1): 118-125.
- Jacobs DF, Rose R, Haase DL, Morgan P. 2003. Influence of nursery soil amendments on water relations, root architectural development, and field performance of Douglas-fir transplants. *New Forests*. 26(3):263-277.
- Jacobs DF, Rose R, Haase DL, Alzugaray PO. 2004. Fertilization at planting inhibits root system development and drought avoidance of Douglas-fir (*Pseudotsuga menziesii*) seedlings. *Annals of Forest Science*. 61(7): 643-651.
- Rose R, Haase DL, Arellano E. 2004. Fertilizantes de entrega controlada: potencial para mejorar la productividad de la reforestación. *Bosque (Valdivia)*. 25 (2):89-100.
- Alzugaray P, Haase D, Rose R. 2004. Efecto del volumen radicular y la tasa de fertilización sobre el comportamiento en terreno de plantas de pino Oregón [*Pseudotsuga menziesii* (Mirb.) Franco] producidas con el método 1+1. *Bosque (Valdivia)*. 25(2):17-33.
- Jacobs DF, Haase DL, Rose R. 2005. Growth and foliar nutrition of Douglas-fir seedlings provided with supplemental polymer-coated fertilizer. *Western Journal of Applied Forestry*. 20(1): 58-63.

- Rose R, Haase DL. 2005. Root and shoot allometry of bareroot and container Douglas-fir seedlings. *New Forests*. 30(2-3):215-233.
- Haase DL, Rose RW, Trobaugh J. 2006. Field performance of three stock sizes of Douglas-fir container seedlings grown with slow-release fertilizer in the nursery growing medium. *New Forests*. 31(1):1-24.
- Haase DL, Alzugaray P, Rose R, Jacobs DF. 2007. Nutrient release rates of controlled-release fertilizers in forest soil. *Communications in Soil Science and Plant Analysis*. 38(5&6):739-750.
- Taylor MT, Haase DL, Rose R. 2009. Fall planting and tree shelters for reforestation in the east Washington Cascades. *Western Journal of Applied Forestry* 24(4):173-179.
- Mataruga M, Haase DL, Isajev V. 2010. Dynamics of seed imbibition and germination of Austrian pine (*Pinus nigra* Arnold) from extreme habitat conditions within five Balkan provenances. *New Forests* 40(2):229-242.

## BOOKS

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- Rose R., Chachulski CEC, Haase DL. 1998. *Propagation of Pacific Northwest Native Plants*. OSU Press. ISBN 0-87071-428-7. 248 p.
- Landis TD, Dumroese RK, Haase DL. 2010. *The Container Tree Nursery Manual, Volume Seven, Seedling Processing, Storage, and Outplanting*. USDA Forest Service, Agriculture Handbook 674.
- PIT Volunteers. 2006. *Savenac Nursery: 100 Years*. USDA Forest Service, Lolo National Forest, Haugan, MT (*Children's book which I co-wrote to educate children about the history of Savenac Nursery*)

## TECHNICAL TRANSFER PUBLICATIONS

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- Rose R, Haase DL, Boyer D. 1995. *Organic Matter Management in Forest Nurseries: Theory and Practice*. Nursery Technology Cooperative, Oregon State University, Corvallis, OR, 65 p.
- Chachulski CE, Rose R., Haase DL. 1996. Manual for the propagation of Pacific Northwest native plants. In: *National Proceedings, Forest and Conservation Nursery Associations*, p.248-249. Landis TD and South DB, tech. coords. USDA Forest Service, Pacific Northwest Research Station, General Technical Report PNW-GTR-389.
- Rose R, Chachulski CE, Haase DL. 1996. *Propagation of Pacific Northwest Native Plants: A Manual*. Volume I, first edition. Nursery Technology Cooperative, Oregon State University, Corvallis, OR. 66 p.
- Rose R, Chachulski CD, Haase DL. 1996. *Propagation of Pacific Northwest Native Plants: A Manual*. Volume II, first edition. Nursery Technology Cooperative, Oregon State University, Corvallis, OR. 73 p.
- Rose R, Chachulski CE, Haase DL. 1997. *Propagation of Pacific Northwest Native Plants: A Manual*. Volume III, first edition. Nursery Technology Cooperative, Oregon State University, Corvallis, OR. 84 p.
- Rose R, Haase DL. 1999. *Long-term Nursery Ecological Survey: Alternatives to Methyl Bromide*. Report for EPA Grant X824542-01. 53 p.
- Haase DL. 2000. Nursery Technology Cooperative. *Western Forester* 45(2):12.
- Ketchum JS, Haase DL. 2000. Early seedling fertilization, A work in progress. *Northwest Woodlands*. 16(2):18-19.
- Haase DL, Arellano E, Rose R. 2002. *Annotated bibliography of forest nutrition*. Nursery Technology Cooperative, Department of Forest Science, Oregon State Univ. 293p.
- Haase DL, Rose R. 2003. The use of controlled-release fertilizers for conifer seedling production and outplanting. *Western Forester*. 48(5):6-7.
- Haase DL, Rose R. 2004. Evaluating seedling quality: the basics. *Northwest Woodlands*. 20(1):26-28.

- Rose R, Haase DL. 2004. Fertilization for planted seedlings: current methodology and results. *Canadian Silviculture*. Spring 2004:6-9.
- Haase DL. 2005. Forward to the special seedling root development issue of *New Forests*. *New Forests*. 30(2-3):103-105.
- Rose R, Haase DL. 2006. Guide to Reforestation in Oregon. College of Forestry, Oregon State University, Corvallis. 48p.
- Haase DL, Khadduri N, Landis TD. 2006. Stem splitting and cankering in Pacific Northwest Douglas-fir seedlings. *Tree Planters' Notes*. 52(1): 9-11.
- Haase DL. 2008. Understanding forest seedling quality: measurements and interpretation. *Tree Planters' Notes*. 52(2): 24-30.
- Landis TD, Haase DL. 2008. Maintaining plant quality after harvesting. *Forest Nursery Notes*, USDA Forest Service, PNW Region, Winter 2008.
- Haase DL. 2009. The latest on soil fumigation in bareroot forest nurseries. *Forest Nursery Notes*, USDA Forest Service, PNW Region, Summer 2009.
- Haase DL, Landis TD. 2010. Late-season fertilization of conifer seedlings: potential management tool. *Forest Nursery Notes*, USDA Forest Service, PNW Region, Winter 2010.
- Haase DL. 2010. Understanding common fertilizer and plant nutrition units. *Forest Nursery Notes*, USDA Forest Service, PNW Region, Summer 2010.

## PUBLICATIONS AND PRESENTATIONS DELIVERED

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- Haase DL, Rose R. 1990. Moisture stress and root volume influence transplant shock: preliminary results. In: *Proceedings, Combined Meeting of the Western Forest Nursery Council and Intermountain Forest Nursery Assocs.*, p.201-206. USDA General Technical Report, RM-200.
- Haase DL, Rose R. 1991. Moisture stress and root volume influence transplant shock in 2+0 Douglas-fir seedlings. In: *Proceedings, Society of American Foresters National Convention*, p.532-533. San Francisco, CA, August 4-8, 1991.
- Rose R, Haase DL. 1995. The target seedling concept: implementing a program. In: *National Proceedings, Forest and Conservation Nursery Associations*, p.124-130. Landis TD and Cregg B, eds. USDA Forest Service, Pacific Northwest Research Station, General Technical Report PNW-GTR-365.
- Rose R, Haase DL. 1996. Managing organic matter in forest nurseries. In: *National Proceedings, Forest and Conservation Nursery Associations*, p.250-252. Landis TD and South DB, tech. coords. USDA Forest Service, Pacific Northwest Research Station, General Technical Report PNW-GTR-389.
- Birchler TD, Haase DL, Rose R. 1996. Use of vector diagrams for the interpretation of nutrient response in conifer seedlings. In: *National Proceedings, Forest and Conservation Nursery Associations*, p.246-247. Landis TD and South DB, tech. coords. USDA Forest Service, Pacific Northwest Research Station, General Technical Report PNW-GTR-389.
- Haase DL. 1997. NTC: Current seedling nutrition research. In: *Symposium proceedings, Forest Seedling Nutrition from the Nursery to the Field*. p.133-140. Haase DL and Rose R, coords. and eds. Nursery Technology Cooperative, College of Forestry, Oregon State University, Corvallis, OR.
- Haase DL, Rose R. 1998. Ten years of herbicide testing in PNW forest nurseries. In: *Proceedings of the Western Society of Weed Science, Volume 51*. p.50-52. Annual Meeting, March 10-12, Waikoloa, HI.
- Haase DL, Trobaugh J, Rose R. 1999. Preliminary results of field trials to assess performance of Douglas-fir container stock grown with fertilizer-amended media. In: *Proceedings, Healthy Forests for the 21<sup>st</sup> Century: New technologies in vegetation management*. p.82-86. Forest Vegetation Management Conference, January 19-21, Redding, CA.
- Haase DL, Trobaugh J, Rose R. 1999. Douglas-fir container stock grown with fertilizer-amended media—some preliminary results. In: *Dumroese RK, Riley LE, Landis TD, tech. coords. National proceedings: forest and conservation nursery associations - 1999, 2000, and 2001*, p.31-32. *Proceedings RMRS-P-24*. USDA Forest Service, Rocky Mountain Research Station.

- Haase DL. 2000. Results of NTC research: developing super seedlings. Newtonian Silviculture Symposium: State-of-the-Art Forest Management. April 13, Oregon State University, Corvallis, OR.
- Haase DL. 2002. Selecting the right seedling stocktype for your site. Pacific Northwest Christmas Tree Association, short course. February 22, Portland, OR.
- Haase DL. 2002. Nursery Practices: understanding seedling quality. Advancements in Silvicultural Techniques Workshop, California Licensed Foresters' Association, March 7, Sacramento, CA
- Haase DL. 2003. Seedling stock, nursery practices, and field performance. Douglas County Small Woodland Assoc., Plug Seedling Workshop, May 1, Roseburg, OR.
- Jacobs DF, Rose R, Haase DL. 2003. Incorporating controlled-release fertilizer technology into outplanting. In: Riley LE, Dumroese RK, Landis TD, tech. coords. Natl. Proceedings: Forest and Conservation Nursery Assocs-2002, p.37-42. USDA Forest Service, Rocky Mountain Research Station. RMRS-P-28.
- Jacobs DF, Rose R, Haase DL. 2003. Ecophysiological response of Douglas-fir seedlings to polymer-coated fertilizers. In: Riley LE, Dumroese RK, Landis TD, tech. coords. Natl. Proceedings: Forest and Conservation Nursery Assocs-2002, p.84-88. USDA Forest Service, Rocky Mountain Research Station. RMRS-P-28.
- Haase DL. 2004. Forest seedling root development. Society of American Foresters, Emerald Chapter meeting, February 17, Springfield, OR.
- Haase DL. 2004. Nursery Technology Cooperative: projects on fertilization and root growth. Inland Empire Reforestation Council annual meeting, February 24, Couer d' Alene, ID
- Rose R, Haase DL, Arellano E. 2004. Fertilizantes de entrega controlada: potencial para mejorar la productividad de la reforestación. Bosque (Valdivia). 25 (2):89-100. (Refereed paper presented at Silvotecnica XVIII Conference. Concepción, Chile. November 11-12, 2003.)
- Alzugaray P, Haase D, Rose R. 2004. Efecto del volumen radicular y la tasa de fertilización sobre el comportamiento en terreno de plantas de pino Oregón [*Pseudotsuga menziesii* (Mirb.) Franco] producidas con el método 1+1. Bosque (Valdivia). 25(2):17-33. (Refereed paper presented at Silvotecnica XVIII Conference. Concepción, Chile. November 11-12, 2003.)
- Rose R, Haase DL. 2005. Root and shoot allometry of bareroot and container Douglas-fir seedlings. New Forests. 30(2-3):215-233. (Refereed paper presented at Forest Seedling Root Development from the Nursery to the Field. May 12-13, 2004, Eugene, OR)
- Rose R, Haase DL. 2005. Rapid Response Reforestation: studies in fire restoration. In: Dumroese RK, Riley LE, Landis TD, tech. coords. National proceedings: Forest and Conservation Nursery Associations—2004, p.90-93. USDA Forest Service, Rocky Mountain Research Station. RMRS-P-35.
- Landis T, Haase DL, Dumroese RK. 2005. Plant nutrient testing and analysis in forest and conservation nurseries. In: Dumroese RK, Riley LE, Landis TD, tech. coords. National proceedings: Forest and Conservation Nursery Associations—2004, p.76-83. USDA Forest Service, Rocky Mountain Research Station. RMRS-P-35.
- Haase DL. 2005. Nursery Technology Cooperative: 20-year evolution of a research program to optimize seedling quality and reforestation. The Thin Green Line, A Symposium on the state-of-the-art in reforestation, Forest Renewal Cooperative, July 26-28, Thunder Bay, ON.
- Haase DL. 2006. Forest seedling handling: from the nursery to the outplant site. Fuels and Vegetation Conference, USDA Forest Service, Pacific Southwest Region, January 31-February 2, Reno, NV.
- Haase DL. 2006. Planting forest seedlings: looking beyond 'green side up'. Fuels and Vegetation Conference, USDA Forest Service, Pacific Southwest Region, January 31-February 2, Reno, NV.
- Taylor M, Haase DL. 2006. Effect of plant date on field performance of forest seedlings. Creating Conditions for Early Survival, Inland Empire Reforestation Council annual meeting, February 14, Couer d' Alene, ID.

- Haase DL. 2006. Morphological and physiological evaluations of seedling quality. In: Riley LE, Dumroese RK, Landis TD, tech. coords. National Proceedings, Forest and Conservation Nursery Associations-2006, p. 3-8. USDA Forest Service. June 19-22, 2006, RMRS-P-50.
- Taylor M, Haase DL. 2006. Effect of plant date on subsequent seedling performance. Components of Successful Reforestation from Seed to Free-to-Grow, Nursery Technology Cooperative and Western Forestry and Conservation Association, September 25-26, Eugene, OR
- Taylor M, Haase DL. 2006. Effect of nursery dormancy induction on Douglas-fir seedling bud development and field performance. 27<sup>th</sup> Annual Meeting, Intermountain Container Seedling Growers' Association. October 24-26, 2006. Salem, OR.
- Haase DL. 2006. Stocktype culturing and development at J.H. Stone Nursery: quantifying and achieving benchmarks. Annual Clients' Meeting. November 7, Central Point, OR.
- Haase DL. 2007. Effect of plant date and nursery dormancy induction on field performance of Douglas-fir seedlings in western Oregon. 28<sup>th</sup> Annual Meeting, Intermountain Container Seedling Growers' Association. October 2-3. Moscow, ID.
- Balk PA, Haase DL, Wordragen MF. 2007. Gene activity test determines cold hardiness in Douglas-fir seedlings. In: Dumroese RK, Riley LE, tech. coords. National Proceedings, Forest and Conservation Nursery Associations-2007, p. 140-148. USDA Forest Service. RMRS-P-57.
- Haase DL. 2008. Nursery Technology Cooperative Projects: cold hardiness and fall planting. Tackling Difficult Reforestation Situations: New Strategies for New Challenges, Inland Empire Reforestation Council annual meeting, February 26, 2008, Couer d'Alene, ID.
- Haase DL. 2008. NTC research: Douglas-fir seedling dormancy, cold hardiness, storability, and field performance. FNABC Annual General Meeting, A Changing Climate - Economic, Political, Environmental & Labour. Forest Nursery Association of British Columbia, September 8-11, 2008, Surrey, BC.
- Haase DL. 2008. Forest seedling production: perspectives on where we've been and where we're going. Weyerhaeuser Company annual nursery meeting, October 23, 2008, Longview, WA.
- Haase DL. 2008. Forest seedlings: technology for production and outplanting. Monthly meeting of the Mary's Peak Chapter of the Society of American Foresters. November 5, 2008.
- Haase DL. 2009. Critical time for forest seedling production: past and present challenges to US Nurseries. Monthly meeting of the Portland Chapter of the Society of American Foresters. April 20, 2009.
- Haase DL. 2009. Strategies and challenges for nursery production: perspectives on where we're going and where we've been. National Proceedings, Forest and Conservation Nursery Associations-2009. USDA Forest Service. July 15-16, Moscow, ID. (in press)
- Haase DL. 2009. Seedling production from seed. Grown in Alaska: growing and keeping the "green" in Alaska, workshop by the Alaska Division of Forestry. Sept. 22-23, Palmer, AK.
- Haase DL. 2009. Seedling quality assessment. Combined meeting of the Northern Silviculture Committee and the Forest Nursery Association of British Columbia. September 29-30, 2009. Prince George, BC.
- Haase DL. 2010. Bareroot nurseries, lifting windows, and seedling quality. BLM Reforestation Techniques Training (BLM), Silver Falls, OR, January 13, 2010.
- Haase DL. 2010. Technology services of the USDA Forest Service available to forest and native plant nurseries in the Hawai'ian Islands and Pacific Territories. Emerging Silvicultural Technologies for Acacia koa restoration, Hilo, HI. March 3, 2010.
- Haase DL. 2010. Seedling phenology and cold hardiness: moving targets. Target Seedling Symposium, Portland, OR, August 24-26, 2010.
- Haase DL. 2010. Graphical technique to evaluate nutrient and morphology data. Target Seedling Symposium, Portland, OR, August 24-26, 2010.
- Haase DL. 2010. Reforestation, nurseries, and genetics resources. Central California Coast Nursery Network meeting, San Francisco, CA, September 14, 2010.

## EDITORSHIPS

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- Haase DL, Rose R, editors. 1997. Symposium Proceedings: Forest Seedling Nutrition from the Nursery to the Field. October 28-29, Oregon State University, Nursery Technology Cooperative. 161 p.
- Rose R, Haase DL, editors. 1998. Conference Proceedings, Native Plants: Propagating and Planting. December 9-10, Oregon State University, Nursery Technology Cooperative. 182 p
- Rose R, Haase DL, editors. 2000. Conference Proceedings, Advances and Challenges in Forest Regeneration. June 1-2, Nursery Technology Cooperative and Western Forestry and Conservation Association. 88 p.
- Haase DL, Rose R, editors. 2001. Conference Proceedings, Native Plant Propagation and Restoration Strategies. December 12-13, 2001, Eugene, OR. 142 p.
- Chien C, Rose R, Haase D, editors. 2001. Symposium Proceedings, Tropical Forestry Symposium: The art and practice of conservation planting. September 24-29, 2001. Taipei, Taiwan. 260 p.
- Haase DL, Guest Editor, Special Issue: Forest Seedling Root Development from the Nursery to the Field, *New Forests* Volume 30, Nos. 2-3. 2005.
- Haase DL, Guest Editor, *Native Plants Journal* Volume 7, No. 1, which included papers from: Third Pacific Northwest Native Plants Conference. December 15-16, 2004, Eugene, OR
- Haase DL, Guest Editor, *Native Plants Journal* Volume 9, No. 3, issue to include papers from: Fourth Pacific Northwest Native Plants Conference. November, 2007, Eugene, OR
- Haase DL, editor. 1993-2009. Nursery Technology Cooperative, Annual Report
- Haase DL, editor. 1992-2009. Nursery Technology Cooperative, Newsletter
- Haase, DL, associate editor, 2008-present, *Native Plants Journal*.
- Haase, DL, editor, 2010-present. *Tree Planters' Notes*.

## INTERNATIONAL ACTIVITIES

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- Korat, Thailand, January-February 1995. This joint project with USAID and Oregon Woods, Inc. was developed to assist the Thai Royal Forestry Department in increasing its reforestation capability to meet goals set forth by the King of Thailand. Duties included overseeing establishment of new nursery growing systems, establishing monitoring procedures, and conducting research trials.
- Advanced Integrated Pest Management Course for Forest Tree Nurseries, June 17-25, 1995, Kemptville, Ontario and Harrington, Quebec.
- Tropical Forestry Symposium: The Art and Practice of Conservation Planting. Taipei Taiwan, September 2001. *Co-edited resulting 260-page proceedings of papers from 17 countries.*
- Fourth International Conference on Forest Vegetation Management: Technical, Environmental and Economic Challenges. Nancy, France. June 17-21, 2002.
- Silvotecna XVIII Conference. Concepción, Chile. November 11-12, 2003. *Co-author on two of the papers presented at the conference and published in the Chilean forestry journal Bosque.*
- Sustainable Forestry in Theory and Practice, IUFRO conference. Edinburgh, Scotland, April 5-8, 2005.
- Fifth International Conference on Forest Vegetation Management: Useable Science, Practical Outcomes and Future Needs, June 2005, Oregon State University, Corvallis, OR. *Guided group of international foresters on 4-day post-conference field tour through Oregon and N. California with stops focused on regional forestry and ecology.*
- Fourth International Symposium on Dynamics of Physiological Processes in Roots of Woody Plants, Bangor, Wales, UK, September 16-19, 2007.

## MEMBERSHIPS AND DISTINCTIONS

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Member, Society of American Foresters

Member, International Plant Propagators' Society

Certified Tree Farm Inspector

Gamma Sigma Delta, Honor Society of Agriculture

Outstanding Faculty Research Assistant, Oregon State University, 2001