

CURRICULUM VITAE

January, 2020

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EDUCATION

Ph.D. 1975 Yale University Graduate School, Department of Forestry and Environmental Studies, New Haven, Connecticut. Doctoral Dissertation. The Development of

Northern Red Oak (*Quercus rubra*) L.) in Mixed Species, Even-aged Stands in Central New England.

M.F.S.1970 Yale University School of Forestry, New Haven, Connecticut. Major emphasis on soils and other earth and natural sciences.

B.S. 1968 University of the South, Sewanee, Tennessee, in Forestry (Honors)

OTHER RECOGNITION

A festschrift held in my honor. Forests as Complex Systems: A Festschrift for Chad Oliver.

Yale University School of Forestry and Environmental Studies, October 11, 2019.

Starker Lecturer, Oregon State University, Corvallis, Oregon, March, 2015.

Visiting Professor, University of Melbourne, Australia. November, 2014.

IUFRO Host Country Scientific Achievement Award, International Union of Forest Research Organizations, 2014.

Fellow of Berkeley College, Yale University, 2014

Sabin Prize Recipient (with Zachary Parisa and Max Uhlenhuth). 2010. Prize at Yale University for best environmental entrepreneur project.

Best Teacher of Small Class. 2009. Prize given by students at Yale University School of Forestry and Environmental Studies

Fellow of the Society of American Foresters, elected in 2008

Honorary Professor of the National Agricultural University of Ukraine, Kiev, Ukraine, 2006.

Honorary Doctorate of Sciences, University of the South, Sewanee, Tennessee, 2002.

Distinguished Graduate Mentor Award, Honorable Mention. University of Washington, Graduate School, 2001.

Alan Farmer Forestry Award, University of the South, 1968.

POSITIONS HELD

January 1, 2002 to present: Pinchot Professor of Forestry and Environmental Studies, and Director, Global Institute of Sustainable Forestry, Yale University School of Forestry and Environmental Studies, New Haven, Connecticut. Direct global program on sustainable forestry, teach graduate courses, conduct research, advise graduate students.

1986-December 31, 2001 Professor of Silviculture and Forest Ecology. College of Forest Resources, University of Washington, Seattle, Washington. Teach undergraduate and graduate courses; conduct research; advise graduate students.

1982-1983 Fulbright Senior Lecturer, Middle East Technical University, Ankara, Turkey. (Sabbatical year September 1-August 31). Taught undergraduate and graduate courses; conducted research; traveled to all forest regions and submitted reports at request of Turkish Minister of Agriculture and Forestry.

- 1983 (February-March) Fulbright Visitor to Germany. Visited forestry faculties at Universities of Munich, Gottingen, and Freiburg. Toured other forested areas and operations. Visited forests in Nancy, France, and Zurich, Switzerland.
- 1981-1986 Associate Professor, Silviculture and Forest Ecology.
- 1975-1981 Assistant Professor, Silviculture and Forest Ecology.
- 1974-1975 Instructor in Biology, Harvard University, Cambridge, Massachusetts. Taught graduate-undergraduate plant ecology course, advised undergraduate students.
- 1973-1974 Research Fellow in Silviculture. Harvard Forest, Petersham, Massachusetts. - Conducted silvicultural research.
- 1969-1970 Forest Land Services Company, Camden, South Carolina. (June through August, 1969 and 1970; job description: independent research in soil-site relations.)
- 1967 University of Vermont, Department of Forestry, Burlington, Vermont. (June through August; job description: research assistant.)
- 1966 U.S. Forest Service, Southern Hardwoods Laboratory, Stoneville, Mississippi. (June through August; job description: research assistant.)
- 1965 U.S. Forest Service, Tahoe National Forest, California. (June through August; job description: forest fire control and forest maintenance.)
- 1960-1968 Forest Land Services Company (my father's consulting and land managing company), Camden, South Carolina. (Job descriptions: physical labor on TSI, planting, surveying crews; pulpwood and sawtimber marking, timber cruising; surveying; and other woods operations.)

OTHER PROFESSIONAL POSITIONS (positions related to government activities are listed elsewhere:

Tropical Forest Foundation:

Vice President, (May, 2014—2015)

Executive Committee of the Board of Directors (2012—2015)

Board of Directors (2006--2015)

Five percent owner SilviaTerra (a Yale YEI “startup”; see <http://www.silviaterra.com/>)

Editorial Board, Journal of Sustainable Forestry: 1992--present

Past Editorial Boards of: Journal of Forestry, Forest Science, Canadian Journal of Forest Research.

Board of Directors: Great Mountain Forest Foundation (2002 – 2012)

Board of Directors: Temperate Forest Foundation (1994—2006)

Board of Directors: Forest Tree Breeding Cooperative (2004-2008)

Society of American Foresters, National Task Force on Proposed National Policy Legislation, 1997-1999.

Director, Module 6. Silviculture Institute; Cooperation between University of Washington and Oregon State University. (1987-2002)

Director, UCROSS High Plains Stewardship Initiative (2013-2018)

DOCTORAL STUDENTS: I have chaired the committee of the following Ph.D. students:

Dr. John Olson, Vice President, Potlatch Corporation, retired.
Dr. Resa Pezeshki, Distinguished Professor, Memphis Univ., Memphis, Tenn., retired
Dr. Bruce Larson, Professor, University of British Columbia
Dr. George McFadden, Silviculturist, Washington state
Dr. Kevin O'Hara, Professor, University of California, Berkeley
Dr. John Kershaw, Professor, University of New Brunswick
Dr. Glenn Galloway, Professor, University of Florida
Dr. Ann Camp, Senior Lecturer, Yale University retired
Dr. Lhakpa Norbu Sherpa, Director, Mt. Everest National Park, Nepal , retired
Dr. Gerardo Segura, The World Bank
Dr. David Larsen, Professor, The University of Missouri
Dr. Markian Petruncio, Forester, Yakama Indian Nation
Dr. Patrick Baker, Professor, University of Melbourne
Dr. Jeremy Wilson, Director, Harris Center for Conservation, New Hampshire
Dr. Pil Sun Park, Professor, Seoul University
Dr. Jim McCarter, Professor, North Carolina State University
Dr. Alex Finkral, Senior Forester, The Forest Land Group
Dr. Aaron Hohl, Lecturer in Forestry, Humbolt State University
Dr. Andrew Niccolai, UAS Expert, Research and Development Center, U.S. Coast Guard
Dr. Xuemei Han, Economic-Statistical Analyst, Dept. Mgt. Budge, Fairfax County, Virginia
Dr. Alark Saxena, Assistant Professor in the Practice, Yale NUS, Singapore
Dr. Kristofer Covey, Visiting Assistant Professor, Skidmore Universityk

GOVERNMENT POLICY, PRIVATE, AND SCIENTIFIC ACTIVITIES

2015. Invited member of Forestry Committee convened by Google Earth Engine to discuss ways that Google Earth can help world forests. (2 days: San Francisco, California.)
2006-2012 Chair of ad hoc international committee to address the Fire Danger in the Irradiated Forests of the Chernobyl Exclusion Zone, Ukraine.
Met with various Cabinet and other administrators of Ukraine, IBRD, IUFRO, United Nations, EU, The World Bank, USA, and others.
2006-2009. Member, ad hoc committee for Connecticut State Legislator, on Parks and Forests.
1999-2000. Co-founder of Rural Technology Initiative (and Institute) using U.S. appropriations to bring innovative technologies to rural Washington forestry communities.

- 1999. Participation (by invitation) in a workshop held by the National Research Council's Committee on National Capacity in Forestry Research, Washington D.C. July 15-16, 1999.
- 1996-1998. Member of U.S. Senate Scientific Panel to examine California Spotted Owl Revised E.I.S.
- 1996-1997. Chair of Forest Health Science Panel chartered by U.S. Congressman Charles Taylor. Presented reports to U.S. Congress joint Agriculture and Resources Committees.
- 1996 & 1999. Presentations to the State of Oregon Board of Forestry on the Biological and Management Science basis for the Oregon Department of Forestry's "Structure-based Management" (based on my Landscape Management approach).
- 1995-1996. Member of science team to analyze North America's forest resources, management, and opportunities for environmental cooperation, North American Commission for Environmental Cooperation, Montreal, Canada.
- 1995-1996. Lead author of scientific paper for Ecological Stewardship Workshop and subsequent publication. U.S.D.A. Forest Service.
- 1994-1996 Member of various forest science panels to advise U.S. Senators and Congressional Representatives.
- 1994-1995 Member of Team to develop Habitat Conservation Plan for Plum Creek Timber Lands in Washington state.
- 1994-1995 Member of Team to Assess Policies for incentives for providing habitat and other values on private lands (Washington Forest Policy Institute)
- 1994-1995 Member of founding advisory team for Olympic Forestry Training Center (to train equipment operators to using high-tech thinning equipment)
- 1994-1995 Member of eastern Washington and Oregon forest ecosystem recovery team (U.S. Forest Service)
- 1993-present Presentations at regional and national symposia in the United States and Canada.
- 1993-1995 Member of Timber Advisory Committee for Senator Slade Gorton
- 1993-1994 Inland West Forest Health Assessment Panel, Chair of Silviculture Report Group (Sponsored by American Forest and the University of Idaho)
- 1993 Scientific Panel Member, President Clinton's Forest Conference. Gave oral statement (and written follow-up). Portland, Oregon. April 2, 1993.
- 1993 Panel Member to White House Committee to Assess Carbon Reduction Measures for the Global Environment
- 1992-present Oral and written testimony on forest policy issues at U.S. Congression and Senate Subcommittee hearing (specific written testimonies listed later).
- 1992-1995 Presentations to U.S. Senate and Congressional staffs, governors, citizen groups, and the press regarding forest landscape management and forest health. (Washington, Oregon, Idaho, Canada, Alaska, and Washington, D.C.)
- 1992-1993 Organized three symposia on landscape management for policy, landowner, and professional audience.
- 1992-1993 Member of Eastern Washington and Oregon Ecosystem Health Assessment Team (Through U.S. Forest Service, at request of U.S. Congress and Senate)

- 1991 Chair, Washington State Working Subgroup of the Silviculture Subcommittee, Spotted Owl Recovery Team, Fish and Wildlife Service, U.S. Department of Interior.
- 1990-1991 Advisor to Washington State Governor's Timber Team
- 1990 Member, Silviculture Subcommittee to assess opportunities for managing habitat for spotted owls. Interagency Scientific Committee for the Spotted Owl.
- 1989-1990 Member of Washington State Department of Natural Resources Experimental State Forest Local Advisory Team
- 1996-1999. Member Society of American Foresters Special Committee to examine revisions to National Forest Management Act.
- 1995 Oral and written testimony on incentives for private landowners at Washington State Senate hearing, February 14, 1995.
- 1992 Presentation to Washington State Timber Counties annual meeting.

CONSULTING

1985-present: Consulted for compensation for various public and private organizations in the United States and abroad, including the states of Washington, Oregon, and Connecticut; the U.S. Forest Service; the United Nations Food and Agriculture Organization; the North Atlantic Free Trade Agreement; Potlatch Corporation; Menasha Corporation; Boise Cascade Corporation; CH2MHill (consulting) company; and E.C. Burhardt, Hardwoods (consulting company).

GEOGRAPHIC EXPERIENCE

Professional experience in:

- Most regions of the United States, including the Northeast, Southeast and Midsouth (pine and hardwood forests), Southwest, Inland West, Pacific Coast, and Interior and Southeast Alaska.
- Canada and Mexico
- Ecuador (Andes and Amazon rainforest)
- Nepal
- Thailand
- Japan
- Turkey
- Sweden and Finland
- Germany
- France
- Russia
- India
- Austria
- China
- Australia
- Ukraine
- Panama
- Armenia
- South Korea
- Brazil
- Liberia
- Bhutan
- Chile

PUBLICATIONS (Published abstracts and oral presentations not listed .)

Peer reviewed

1. Daniel Piotto, Dylan Craven, Florencia Montagnini, Mark Ashton, Chadwick Oliver, William Wayt Thomas. 2019. Successional, spatial, and seasonal changes in seed rain in the Atlantic forest of southern Bahia, Brazil. *PLoS ONE* 14(12):e0226474
2. Routh, D., L. Seegmiller, C. Bettigole, C. Kuhn, C. D. Oliver, and H. B. Glick. "Improving the Reliability of Mixture Tuned Matched Filtering Remote Sensing Classification Results Using Supervised Learning Algorithms and Cross-Validation." *Remote Sensing* 10.11 (2018): 1675.
3. Rossi, E., Granzow de la Cerda, I., Oliver, C., and Kulakowski, D. 2017. Wind effects and regeneration in broadleaf and pine stands after Hurricane Felix (2007) in Northern Nicaragua. *Forest Ecology and Management*. 400: 199-207.
4. Covey, K.R., C.P. Bueno de Mesquita, B. Oberle, D.S. Maynard, C. Bettigole, T.W. Crowther, M.C. Duguid, B. Steven, A.E. Zanne, M. Lapin, M.S. Ashton, C.D. Oliver, X. Lee, and M.A. Bradford. 2016. Greenhouse trace gases indeadwood. *Biogeochemistry* 130.3: 215-226.
5. Kuhn, C., C. Bettigole, H. B. Glick, L. Seegmiller, C. D. Oliver, and P. Raymond. "Patterns in stream greenhouse gas dynamics from mountains to plains in northcentral Wyoming." *Journal of Geophysical Research-Biosciences* 122.9 (2017): 2173-2190
6. Glick, H.B., D. Routh, C. Bettigole, L. Seegmiller, C. Kuhn, and C.D. Oliver. 2016. Modeling the Effects of Horizontal Positional Error on Classification Accuracy Statistics. *Photogrammetric Engineering and Remote Sensing* 82.10: 789-802.
7. Niclas Scott Bentsen, Thomas Nord-Larsen, Søren Larsen, Göran Berndes, Richard Birdsey, Annette Cowie, Claus Felby, Martin Junginger, Promode Kant, Werner Kurz, David Lamb, Magnus Löf, Palle Madsen, Chadwick Dearing Oliver, Tat Smith, John A. Stanturf, Anders Taeroe, Lars Vesterdal. 2016. Forests and forest management plays a key role in mitigating climate change. *Science eLetter*.
8. Saxena, A., B. Guneralp, R. Bailis, G. Yohe, and C. Oliver. 2016. Evaluating the resilience of forest dependent communities in Central India by combining the sustainable livelihoods framework and the cross scale resilience analysis. *Current Science* 110.7: 1195-1207.
9. Wang, T., L. Feng, P. Mou, J. Wu, J. Smith, W. Xiao, H. Yang, H. Dou, X. Zhao, Y. Cheng, B. Zhou, H. Wu, L. Zhang, Y. Tian, Q. Guo, X. Kou, X. Han, D. Miquelle, C. Oliver, R. Xu, Ji. Ge. 2016. Amur tigers and leopards returning to China: direct evidence and a landscape conservation plan. *Landscape Ecology* 31: 491-503.
10. Glick, H.B., Charles Bettigole, Devin Routh, Lindsie Seegmiller, Catherine Kuhn, Ambika Khadka, and Chadwick D. Oliver. Oliver, C.D. 2014. Wyoming's Aging Agricultural Landscape: Demographic Trends Among Farm and Ranch Operators, 1920-2007. *Rangelands*, 36(6): 7-14.
11. Park, P.S., and C.D. Oliver. 2015. Variability of stand structures and development in old-growth forests in the Pacific Northwest, USA. *Forests* 6(9): 3177-3196.
12. Oliver, C.D., Nassar, N.L., Lippke, B.R., McCarter, J.B., 2014. Carbon, fossil fuel, and biodiversity mitigation with wood and forests. *Journal of Sustainable Forestry* 33: 248-275.
13. Oliver, C.D., 2014. Forest Management and Restoration across Temporal and Spatial Scales. *Journal of Sustainable Forestry* 33. Supplemental Issue 2014.
14. Marshall, P., G.P. Berlyn, and C.D. Oliver. 2014. The relevance of species concepts in sustainable forestry. *Journal of Sustainable Forestry* 33: 195-2010.

15. Khadka, A., ChunFu, M. Myint, C. Oliver, and J. Saiers. 2013. Effects of Land-cover changes and other Remediations on hydrology of Xinjiang River sub-watershed using Remote Sensing and Hydrologic Modeling. *Journal of Environmental Science and Engineering B* 2: 416-425.
16. Hohl, Aaron, Andrew Niccolai, Chad Oliver, Dmytro Melnychuk, Sergiy Zibtsev, Johann Georg Goldammer, Volodymyr Gulidov. 2011. The Human Health Effects of Radioactive Smoke from a Catastrophic Wildfire in the Chernobyl Exclusion Zone: A Worst Case Scenario. *Earth Bioresources and Quality of Life*. Vol. 1, pg. 1. <http://gchera-ejournal.nubip.edu.ua/index.php/ebql/article/view/24>
17. Niccolai, A., M. Niccolai, and C. D. Oliver. 2010. Point Set Topology for Branch and Crown-level Species Classification. *Photogrammetric Engineering & Remote Sensing*. *Journal of the American Society for Photogrammetry and Remote Sensing*.
18. Niccolai, A., A. Hohl, M. Niccolai, and C.D. Oliver. 2010. Decision rule based approach to automatic tree crown detection and size classification. *International Journal of Remote Sensing* 31, pp. 3089-3123.
19. Niccolai, A., A. Hohl, M. Niccolai, and C. D. Oliver. 2010. Integration of varying spatial, spectral and temporal high-resolution optical images for individual tree crown isolation. *International Journal of Remote Sensing* Volume 31, Issue 19, 2010 Pages 5061 - 5088
20. Wang, T., J. Wu, X. Kou, C. Oliver, P. Mou, and J. Ge. 2010. Ecologically asynchronous agricultural practice erodes sustainability of the Loess Plateau of China. *Ecological Applications* 20 (4): 1126-1135.
21. Piotto, D., F. Montagnini, W. Thomas, M. Ashton, and C.Oliver. 2009. Forest recovery after swidden cultivation across a 40-year chronosequence in the Atlantic forest of southern Bahia, Brazil. *Plant Ecology*. (Springer Verlag, published online 15 May 2009)
22. Gartland, K.M.A., and C.D. Oliver. 2007. Growing trees: risks and rewards for society. *Tree Genetics and Genomes* 3 (2): 169-172.
23. Oliver, C.D., and Robert. L. Deal. 2007. A Working Definition of Sustainable Forestry and Means of Achieving It at Different Spatial Scales. *Journal of Sustainable Forestry* 24: 2/3: 141 - 263. Also published as a book through Haworth Press.
24. Oliver, C.D., and R. Roger Mesznik. 2005. Investing in Forestry: Opportunities and Pitfalls of Intensive Plantations and Other Alternatives. *Journal of Sustainable Forestry* 21 (4): 97 - 111. Also published in a book: Price, W.C., N. Rana, and V. A. Sample, editors. 2005. *Plantations and protected areas in sustainable forestry*. Pp. 97 – 111.
25. Oliver, C.D, E.C. Burkhardt, and D.A. Skojac. 2005. The increasing scarcity of red oaks in Mississippi River floodplain forests: influence of the residual overstory. *Forest Ecology and Management* 210: 393-414.
26. Baker, P.J., S. Bunyavejchewin, C.D. Oliver, and P.S. Ashton. 2005. Disturbance history and historical stand dynamics of a seasonal tropical forest in western Thailand. *Ecological Monographs* 75 (3): 317-343.
27. Oliver, C.D. 2003. Sustainable forestry: What is it? How do we achieve it? *Journal of Forestry* 101 (5): 8-14.
28. Marzluff, J.M., J.J. Millsbaugh, K. Ceder, C.D. Oliver, J. Withey, J.B. McCarter, C.L. Mason, and J. Comnick. 2001. Modeling changes in wildlife habitat and economic return in response to timber management at the landscape scale. *Forest Science* 48(2): pp. 191-202.
29. Paun, D., C. Jacobs-Young, O. Trendel, K. Howard, E. Sonne, K. Ceder, C. Crump, and C.D. Oliver

30. Wilson, J.S., and C.D.Oliver. 2000. Stability and density management in Douglas-fir plantations. *Canadian Journal of Forest Research* 30: 910-920.
31. Makela, A., J. Landsberg, A.R. Ek, T.E. Burk, M. Ter-Mikaelian, G.I. Agren, C.D. Oliver, and P. Puttonen. 2000. Process-based models for forest ecosystem management: current state-of-the-art and challenges for practical implementation. *Tree Physiology* (Special issue). (In Press.)
32. O'Hara, K.L., and C. D. Oliver. 1999. A decision system for assessing stand differentiation potential and prioritizing precommercial thinning treatments. *Western Journal of Applied Forestry* 14(1): 7-13.
33. McCarter, J.M., J.S. Wilson, P.J. Baker, J.L. Moffett, and C.D. Oliver. 1998. Landscape management through integration of existing tools and emerging technologies. *Journal of Forestry* 96(6): 17-23.
34. Oliver, C.D., A.Camp, and A.Osawa. 1998. Forest dynamics and resulting animal and plant population changes at the stand and landscape levels. *Journal of Sustainable Forestry* 6(3/4) 1998: 281-312.
35. Camp, A., C. Oliver, P. Hessburg, and R. Everett. 1997. Predicting late-successional fire refugia pre-dating European settlement in the Wenatchee Mountains. *Forest Ecology and Management* 95: 63-77.
36. Segura, G., T.M.Hinckley, and C.D.Oliver. 1995. Stem growth responses of declining mature *Abies amabilis* trees after tephra deposition from Mount St. Helens. *Canadian Journal of Forest Research* 25, 9: 1493-1502.
37. Oliver, C.D., C. Harrington, M.Bickford, R. Gara, W. Knapp, G. Lightner, and L.Hicks. 1994. Maintaining and creating old growth structural features in previously disturbed stands typical of the eastern Washington Cascade. *Journal of Sustainable Forestry* 2(3/4): 353-387. (Also published as chapter in book entitled: *Assessing Forest Ecosystem Health in the Inland West*)
38. Oliver, C.D., D.E. Ferguson, A.E. Harvey, H.S. Malany, J.M. Mandzak, and R.W. Mutch. 1994. Managing ecosystems for forest health: an approach and the effects on uses and values. *Journal of Sustainable Forestry* 2(1/2): 113-133. (Also published as chapter in book entitled: *Assessing Forest Ecosystem Health in the Inland West*)
39. Lippke, B., and C.D. Oliver. 1993. A proposal for the Pacific Northwest: Managing for Multiple Values. *Journal of Forestry*. 91: 14-18.
40. Cobb, D.F., K.L. O'Hara, and C.D. Oliver. 1993. Effects of variations in stand structure on development of mixed-species stands in eastern Washington. *Canadian Journal of Forest Research* 23: 545-552.
41. Kershaw, Jr., J. A., C. D. Oliver and T. M. Hinckley. 1993. Effect of harvest of old growth Douglas-fir stands and subsequent management on carbon dioxide levels in the atmosphere. *Journal of Sustainable Forestry*: 1:61-77.
42. Deal, R. L., C. D. Oliver and B. T. Bormann. 1991. Reconstruction of mixed hemlock-spruce stands in coastal southeast Alaska. *Canadian Journal of Forest Research* 21:643-654.
43. O'Hara, K. L., C. D. Oliver, S. G. Pickford and J. J. Townsley. 1990. A prototype decision rule base for planning and anticipating effects of silvicultural activities over broad areas. *AI Applications in Natural Resources*. 4(1):25-34.
44. Oliver, C. D., W. K. Clatterbuck and E. C. Burkhardt. 1989. Spacing and stratification patterns of cherrybark oak and American sycamore in mixed, even-aged stands in the southeastern United States. *Forest Ecology and Management* 31:67-79.

45. O'Hara, K. L. and C. D. Oliver. 1988. Three-dimensional representation of Douglas-fir volume growth: comparison of growth and yield models with stand data. *Forest Science*. 34(3):724-743.
46. McFadden, G. and C. D. Oliver. 1988. Three-dimensional forest growth model relating tree size, tree number, and stand age: relation to previous growth models and to self thinning. *Forest Science* 34(3):662-676.
47. Clatterbuck, W. K., C. D. Oliver, and E. C. Burkhardt. 1987. The silvicultural potential of mixed stands of cherrybark oak and American Sycamore: Spacing is the key. *Southern Journal of Applied Forestry*. 11:159-160.
48. Tappeiner, J., W. Knapp, C. Wierman, W. Atkinson, C. Oliver and J. King. 1986. Silviculture: Part II. The Pacific Coast. *Journal of Forestry*. 84(5). 37-46.
49. Oliver, C. D. 1986. Silviculture: A national overview. *Journal of Forestry*. 84(4). 32-42.
50. Pezeshki, S.R. and C.D. Oliver. 1985. Early growth patterns of red alder and black cottonwood. *Forest Science* 31(1):190-200.
51. Oliver, C.D., A. B. Adams, and R. J. Zasoski. 1985. Disturbance Patterns and Forest Development in a recently deglaciated valley in the Northwestern Cascade Mountains of Washington, U.S.A. *Canadian Journal of Forest Research* 15(1):221-232.
52. Jaeck, L.L., C.D. Oliver, and Dean S. DeBell. 1984. Young stand development in coastal western hemlock as influenced by three harvesting regimes. *Forest Science* 30(1).117-124.
53. Oliver, C.D. and Marshall D. Murray. 1983. Stand structure, thinning prescriptions, and density indexes in a Douglas-fir thinning study, western Washington, U.S.A. *Canadian Journal of Forest Research* 13(1). 126-136.
54. Oliver, C.D. 1980. Forest development in North America following major disturbances. *Journal of Forest Ecology and Management* 3. (1980-81) 153-168.
55. Oliver, C.D. 1980. Even-aged development of mixed species stands. *Journal of Forestry* 78(4): 201-203.
56. Wierman, C.A. and C.D. Oliver. 1979. Crown stratification by species in even-aged mixed stands of Douglas-fir/western hemlock. *Canadian Journal of Forest Research* 9(1):1-9.
57. Oliver, C.D. 1978. Subsurface geologic formations and site variation in upper sand hills of South Carolina. *Journal of Forestry* 76(6):352-354.
58. Oliver, C.D. 1978. The development of northern red oak in mixed stands in central New England. *Yale University School of Forestry and Environmental Studies Bulletin No. 91*. 63 pp.
59. Oliver, C.D. and E.P. Stephens. 1977. Reconstruction of a mixed species forest in central New England. *Ecology* 58:562-572.

Books (*in reverse chronological order*)

Published

1. Oliver, C.D., and Oliver, F.A. 2018. *Global Resources and the Environment*. Cambridge University Press. 512 pp.
2. CHINESE TRANSLATION: C.D. Oliver, and B. C. Larson. 2014. *Forest Stand Dynamics*. Translated by X. Han and H. Ma, et al. China Environmental Science Press, Beijing, 561 pp.
3. Oliver, C.D., and B.C. Larson. 1996. *Forest Stand Dynamics*. Update Edition. John Wiley and Sons, New York. 521 pp.

4. Oliver, C.D. and B. C. Larson. 1990. Forest Stand Dynamics. McGraw-Hill Book Company, New York. 467 pp.

Editor of Symposia (*in reverse chronological order*)

Published

5. Hanley, D.P., C.D.Oliver, D.Maguire, and R.Fight (editors). 1995. Pruning Conifers in Northwestern North America: Opportunities, Techniques, and Impacts. University of Washington, Institute of Forest Resources Contribution No.77. 403 pp.
6. Kelty, M.J., B. C. Larson and C. D. Oliver (editors) 1992. The Ecology and Silviculture of Mixed-Species Forests: A Festschrift for David M. Smith. Kluwer Academic Publishers, Boston.
7. Hanley, D. P., J. J. Kammenga and C. D. Oliver (Editors). 1989. The Burning Decision: Regional Perspectives on Slash. College of Forest Resources, University of Washington, Institute of Forest Resources Contribution No. 66, 374 pp.
8. Oliver, C. D., D. Hanley, and J. Johnson (Editors). 1986. Douglas-fir: Stand Management for the Future. (Proceedings of a Symposium). University of Washington College of Forest Resources, Institute of Forest Resources, Contribution No. 55. 388 pp.
9. Oliver, C.D. and R.M. Kenady (Editors). 1983. Biology and management of true firs of the Pacific Northwest. (Proceedings of a Symposium co-sponsored by University of Washington College of Forest Resources, Institute of Forest Research; and U.S.D.A. Forest Service Pacific Northwest Forest and Range Experiment Station.) University of Washington College of Forest Resources, Institute of Forest Resources. Contribution Number 45.

Refereed Symposia Articles and Book Chapters (*in reverse chronological order*)

Published

10. Organschi, A., A. Ruff, C.D.Oliver, C. Carbone, and E.Herrmann. 2016. Timber city: growing an urban carbon sink with glue, screws, and cellulose fiber. Proceedings of the World Conference on Timber Engineering. August 22-25, 2016. Vienna, Austria.
11. Oliver, C.D., and K. L. O'Hara, P.J.Baker. 2015. Effects of restoration at the stand level. Chapter 3 In (J.A. Stanturf, Palle Madsen, editors) Restoration of Boreal and Temperate Forests, Second Edition. CRC Press, New York. 37 – 68.
12. C. Oliver. 2014. Forest management and restoration at temporal and spatial scales. Journal of Sustainable Forestry.
13. Oliver, C.D., F.A.Oliver, L.Yonavjak, A. Saxena, L. Zeng, and U. Zeydanli. 2014. The transition from timber to multiple value management: A paradigm shift in forestry. Book chapter in (P.P.Bhojvaid and N. Khandekar, editors) Sustainable Forest management for Multiple Values: A paradigm Shift. Published by The Forest Research Institute, Dehradun, India.
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1. Moderated and presented at General Directorate of Forestry of Turkey presentation at Marrakesh COP, November 15, 2016, Marrakesh, Morocco.
2. Presentation at Briefing to the U.S. Congress and Ministers of the Uzbekistan at a briefing: "Water Issues in Central Asia," March 13, 2013, Washington, D.C.
3. "Presentation at a Hearing on Landscape Forest Management in Connecticut" to the Connecticut State Legislature, Committee on Forests (or Natural Resources), Hartford, Connecticut. March 3, 2008.
4. 1997. Statement before the Committee on Agriculture, United States House of Representatives. A hearing on H.R. 2515, the Forest Recovery and Protection Act of 1997. Washington, D.C., October 7, 1997.
5. Statement before the Subcommittee on Forests and Forest Health of the Committee on Resources, United States House of Representatives. A hearing on the relation of forest management and addition of carbon dioxide to the atmosphere. Washington, D.C. September 18, 1997.
6. Statement before the Committee on Agriculture, United States House of Representatives. A hearing on the scientific review of the national forest health scientific study chartered by Representative Charles Taylor. Washington, D.C. June 5, 1997.
7. Statement before the Committees on Agriculture and Resources (joint hearing), United States House of Representatives. A hearing on the national forest health scientific study convened by Representative Charles Taylor. Washington, D.C. April 9, 1997.
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PRESENTATIONS and ABSTRACTS

Presentations and abstracts are not listed; however, I have given invited presentations in local, national, and international meetings, including keynote and plenary sessions.