

Paul Catanzaro

Associate Professor & State Extension Forester
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EMPHASIS

The development and implementation of a tightly integrated research-extension program focused on informing the forest stewardship and legacy planning decisions of family forest owners with a specific emphasis on conservation-based estate planning and silvicultural strategies to increase forest resiliency and maximize forest carbon benefits.

EDUCATION

- 1995 – 1996 State University of New York College of Env. Science and Forestry, Syracuse, NY
M.S. in Forest Resources Management, specializing in Silviculture
- 1994 – 1995 Slippery Rock University, Slippery Rock, PA
M.S. in Sustainable Systems, specializing in Sustainable Natural Resources Management
- 1989 – 1993 Hamilton College, Clinton, NY
B.A. with a concentration in Cultural Anthropology, minor in Religion

PROFESSIONAL EXPERIENCE

Extension Associate Professor, State Extension Forester, & Co-Director of the Family Forest Research Center, University of Massachusetts – Amherst (2016 – Present)

Extension Assistant Professor, University of Massachusetts – Amherst (2012 – 2016)

Forest Resources Extension Specialist, University of Massachusetts – Amherst (2004 – 2012)

Service Forester, Massachusetts Department of Conservation and Recreation (1997 – 2004)

Forester, USDA Forest Service Forest Inventory and Analysis Unit (1997)

Research Assistant, SUNY ESF (1995-1996)

Graduate Assistant, Office of Social Equity, Slippery Rock University (1994-1995)

Teacher, Nature's Classroom (1993)

AWARDS

Community Steward Award, presented by the Mount Grace Land Conservation Trust to a person who has made significant contributions to the conservation and stewardship of land (2020).

Ernest M. Gould, Jr. Technology Transfer Award, presented by the New England chapter of the Society of American Foresters to a member who has made outstanding contribution to natural resource science and management through education, extension, or youth service (2020).

USDA Forest Service Chiefs Award, presented to the Family Forest Research Center in recognition of our research in support of informing the decisions of family forest owners (2019).

Outstanding Environmental Education Award, presented by the Massachusetts Association of Conservation Commissions to the Massachusetts Keystone Project (2017).

Family Forest Education Award, presented by the National Woodland Owners Association and the National Association of University Forest Resources Programs. Awarded to the Family Forest Research Center (2015).

TEACHING

Responsible for course development and instruction of undergraduate and graduate students in applied forest ecology and land protection, including the senior capstone course. Courses primarily serve students pursuing a degree in Natural Resources Conservation with a concentration in the Society of American Foresters' accredited Forest Ecology and Conservation concentration, as well as other majors within Environmental Conservation. I have served as the instructor for the following courses:

NRC 597 LP Land Protection Tools and Techniques, 3 credits (20-25 students), Fall 2018–present
NRC 586 Natural Resources Inventory of Local Lands, 3 credits (6-12 students), Spring 2012–2015
NRC 540 Forest Resources Mgt., 3 credits lecture, 1 credit lab (15 students), Spring 2021–present
NRC 534 Forest Measurements, 3 credits lecture, 1 credit lab (15 students), Fall 2012, 2014, & 2016
NRC 526 Silviculture, 3 credits lecture, 1 credit lab (20 students), Spring 2017 & 2019
NRC 521 Timber Harvesting, 2 credits lecture & 1 credit field lab (15 students), Fall 2015
NRC 270 Forest Ecology, 3 credits (45 students), Fall 2011, 2013, & 2017, Spring 2016, 2020

Other courses where I guest lectured or provided field trips are listed below. Topics taught include landowner characteristics, forest ecology, forest management, and land protection.

NRC 225 Forests and People. Spring 2004 – 2005, 2018
 NRC 564 Wildlife Habitat Management. Fall 2013 – 2015
 BCT 304 Properties of Wood. Fall 2014 – 2015
 NRC 575 Case Studies in Conservation. Spring 2011 – 2012
 NRC 540 Forest Resources Management. Spring 2004 – 2012
 ECO 621 Landscape Ecology. Fall 2005
 STOCKSCH 379 Agricultural Systems Thinking. Fall 2005
 NRC 100 Environment and Society. Fall 2004 – 2006

PEER-REVIEWED PUBLICATIONS (24 Published, 2 In review, 3 In process)

Markowski-Lindsay, M. and **P. Catanzaro**. In process. Considering family forest owner legacy decisions through economic utility theory. Case study in Chapter 11 of: *Human Dimensions in Natural Resources* textbook. Emily Huff, Ph.D. and Kenneth Wallen, Ph.D, eds. Expected publication: 2022.

D'Amato, A., **P. Catanzaro**, E. Sass, C. Littlefield, and H. Murray. In process. Ten-year regeneration and structural response of second-growth hardwoods to patch selection with legacy retention. Proposed: *Canadian Journal of Forest Resources*.

Lukacic, O., **P. Catanzaro**, and E. Huff. In Process. Women on the Land: Documenting the experience of women landowners in the Northeastern United States. Proposed: *Society and Natural Resources*.

Catanzaro, P. and M. Markowski-Lindsay. In review. Expanding family forest owner options to keep their land in forest use. *Journal of Forestry*.

Murray, H., M. Markowski-Lindsay, **P. Catanzaro**, B. Butler, H. Eichman. In final review. Economic contributions from conserved forests: Four case studies of the USDA Forest Service Forest Legacy Program. *Forest Science*.

- Quartuch, M., S. Broussard Allred, E. Markowitz, **P.F. Catanzaro**, M. Markowski-Lindsay. 2021. Applying the Transtheoretical Model of Change to Legacy Planning Decisions. *Small-scale forestry* <https://doi.org/10.1007/s11842-021-09476-7>
- Markowski-Lindsay, M., **P. Catanzaro**, R. Zimmerer, D. Kittredge, E. Markowitz, and D. Chapman. 2020. Northeastern family forest owner gender differences in land-based estate planning and the role of self-efficacy. *Journal of Forestry* 118(1): 59–69. <https://doi.org/doi:10.1093/jofore/fvz058>.
- Catanzaro, P.F.** and K. Hamunen. 2019. Extension and Education Services: Applying Service-Dominant Logic Through Peer-to-Peer Learning. Chapter in: *Services in Family Forestry* New York, NY: Springer.
- Bell, K.B., M. Markowski-Lindsay, **P. Catanzaro**, and J. Leahy. 2018. Family forest owner decisions, landscape context, and landscape change. *Landscape and Urban Planning* 188: 118-131. <https://doi.org/10.1016/j.landurbplan.2018.08.023>
- Markowski-Lindsay M., **P. Catanzaro**, K. Bell, D. Kittredge, E. Markowitz, J. Leahy, B. Butler, A. Milman and S. Allred. 2018. In Forest and Intact: Designing Future Use of Family-Forest Owned Land. *Journal of Forestry* 116(4): 357-366. <https://doi.org/10.1093/jofore/fvy015>
- Markowski-Lindsay, M., **P. Catanzaro**, K. Bell, D.B. Kittredge, J. Leahy, B.J. Butler, E. Markowitz, A. Milman, R. Zimmerer, S. Allred, and M. Sisock. 2017. Estate planning as a forest stewardship tool: A study of family land ownerships in the northeastern U.S. *Forest Policy and Economics* 83: 36-44. <https://doi.org/10.1016/j.forpol.2017.06.004>
- Andrejczyk, K., B.J. Butler, B.J. Dickinson, J.H. Hewes, M. Markowski-Lindsay, D.B. Kittredge, M.A. Kilgore, S.A. Snyder, **P.F. Catanzaro**. 2016. Landowner Assistance Programs in the USA: A Qualitative Exploration of Program Impacts on Behaviour. *Small-scale Forestry* 15: 17–28. <https://doi.org/10.1007/s11842-015-9304-z>
- Markowski-Lindsay, M., **P.F. Catanzaro**, A. Milman, D.B. Kittredge. 2016. Understanding Family Forest Land Future Ownership and Use: Exploring Conservation Bequest Motivations. *Small-scale Forestry* 15(2): 241–256. <https://doi.org/10.1007/s11842-015-9320-z>
- D’Amato, A.W., **P.F. Catanzaro**, L. Fletcher. 2015. Regeneration responses to patch selection and structural retention within second-growth northern hardwood. *Forest Science* 61(1): 183-189. <http://dx.doi.org/10.5849/forsci.13-180>
- Kilgore, M.A.; S.A. Snyder, D. Eryilmaz, M.A. Markowski-Lindsay, B.J. Butler, D.B. Kittredge, **P.F. Catanzaro**, J.H. Hewes, K. Andrejczyk. 2015. Assessing the relationship between different forms of landowner assistance and family forest owner behaviors and intentions. *Journal of Forestry* 113(1): 12-19. <https://doi.org/10.5849/jof.13-059>

- Butler, B.J., M. Markowski-Lindsay, S. Snyder, **P.F. Catanzaro**, D.B. Kittredge, K. Andrejczyk, B.J. Dickinson, D. Eryilmaz, J.H. Hewes, P. Randler, D. Taddle, and M.A. Kilgore. 2014. Effectiveness of landowner assistance activities: An examination of the USDA Forest Service's Forest Stewardship Program. *Journal of Forestry* 112(2): 187-197. <https://doi.org/10.5849/jof.13-066>
- Ma, Z., B.J. Butler, **P.F. Catanzaro**, J.L. Greene, J.H. Hewes, M.A. Kilgore, D.B. Kittredge, and M.L. Tyrrell. 2014. The effectiveness of state preferential property tax programs in conserving forests: Comparisons, measurements, and challenges. *Land Use Policy* 36: 492-499. <https://doi.org/10.1016/j.landusepol.2013.09.016>.
- Greene, J.L., B.J. Butler, **P.F. Catanzaro**, J.H. Hewes, M.A. Kilgore, D.B. Kittredge, Z. Ma, and M.L. Tyrrell. 2014. Family forest owners and federal taxes. *Forest Policy and Economics* 38: 219-226. <https://doi.org/10.1016/j.forpol.2013.10.001>.
- Catanzaro, P.**, M. Markowski-Lindsay, A. Milman, D. Kittredge. 2014. Assisting Family Forest owners with conservation-based estate planning: A preliminary analysis. *Journal of Extension* 52(2). #2FEA9. <http://www.joe.org/joe/2014april/a9.php>.
- Butler, B.J., **P.F. Catanzaro**, J.L. Greene, J.H. Hewes, M.A. Kilgore, D.B. Kittredge, Z. Ma, and M.L. Tyrrell. 2012. Taxing family forest owners: Effects of federal and state policies in the United States. *Journal of Forestry* 110(7): 371–380. <https://doi.org/10.5849/jof.11-097>.
- Markowski-Lindsay, M., **P. Catanzaro**, D. Damery, D.B. Kittredge, B.J. Butler, and T. Stevens. 2012. Forest-based biomass supply in Massachusetts: How much is there and how much is available. *Journal of Environmental Management* 106: 1-7. <https://doi.org/10.1016/j.jenvman.2012.03.051>.
- Markowski-Lindsay, M., T. Stevens, D.B. Kittredge, B.J. Butler, **P. Catanzaro**, and D. Damery. 2012. Family forest owner preferences for biomass harvesting in Massachusetts. *Forest Policy and Economics* 14: 127-135. <https://doi.org/10.1016/j.forpol.2011.08.001>.
- Van Fleet, T., D.B. Kittredge, B.J. Butler, **P. Catanzaro**. 2012. Reimagining family forest conservation: Estimating landowner awareness and their preparedness to act with the Conservation Awareness Index. *Journal of Forestry* 110(4): 207-215. <https://doi.org/10.5849/jof.11-021>.
- Ma, Z., B.J. Butler, D.B. Kittredge, **P.F. Catanzaro**. 2012. Factors associated with landowner involvement in forest conservation programs in the U.S.: Implications for policy design and outreach. *Land Use Policy* 20: 53-61. <https://doi.org/10.1016/j.landusepol.2011.05.004>.
- Markowski-Lindsay, M., Stevens, T., D.B. Kittredge, B.J. Butler, **P. Catanzaro**, and B.J. Dickinson. 2011. Barriers to Massachusetts forest landowner participation in carbon markets. *Ecological Economics* 71: 180-190. <https://doi.org/10.1016/j.ecolecon.2011.08.027>.
- Ma, Z., Kittredge, D.B., **Catanzaro, P.F.** 2011. Challenging the traditional forestry extension model: Insights from the woods forum program in Massachusetts. *Small-scale Forestry* 11(1): 87–100. <https://doi.org/10.1007/s11842-011-9170-2>.<https://doi.org/10.1007/s11842-011-9170-2>.

Butler, B.J., Z. Ma, D.B. Kittredge, and **P.F. Catanzaro**. 2010. Social versus biophysical availability of wood in the northern United States. *Northern Journal of Applied Forestry*. 27(4): 151-159. <https://doi.org/10.1093/njaf/27.4.151>

D'Amato, A.W., **P.F. Catanzaro**, D.T. Damery, D.B. Kittredge, and K.A. Ferrare. 2010. Are family forest owners facing a future in which forest management is not enough? *Journal of Forestry*. 108(1): 32-38. <https://doi.org/10.1093/jof/108.1.32>.

Kittredge, D.B., A. D'Amato, **P. F. Catanzaro**, J. Fish, and B.J. Butler. 2008. Estimating ownerships and parcels of non-industrial private forest in Massachusetts. *Northern Journal of Applied Forestry*. 25(2): 180-185. <https://doi.org/10.1093/njaf/25.2.93>.

OUTREACH PUBLICATIONS (18 Total)

All outreach publications are peer reviewed by a diversity of external content experts before publishing.

Sutcliffe, K., **P. Catanzaro**, and S. Wells. 2021. Open Space Handbook: A Guide to Community Conservation in Massachusetts. University of Massachusetts, Cooperative Extension Landowner Outreach Publication, 34 pp.

Lukacic, O., **P. Catanzaro**, and E. Huff. 2021. Women on the Land. University of Massachusetts, Cooperative Extension Landowner Outreach Publication, 38 pp.

Catanzaro, P., & A. D'Amato. 2019. Forest Carbon: An essential natural solution to climate change. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 28 pp.

Catanzaro, P., H. Murray, W. Ferris, and S. Wells. 2018. Using a Will to Pass on Your Land. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 8 pp.

Catanzaro, P., and W. Ferris. 2017. Protecting Your Legacy. Developed for nine states across the country: ME, NH, VT, NY, PA, OH, WI, MN, MD. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 20 pp.

Catanzaro, P., M. Markowski-Lindsay, J. Leahy, E. Sass, and K. Ferrare. 2017. Their Land, Their Legacy. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 28 pp.

Catanzaro, P., A. D'Amato, and E. Silver Huff. 2016. Increasing Forest Resiliency for an Uncertain Future. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 30 pp.

Van Fleet, T., **P. Catanzaro** and D.B. Kittredge. 2014. Ch. 61 programs: Understanding the Massachusetts Ch. 61 current use programs. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 22 pp.

Catanzaro, P., J. Fish, and D.B. Kittredge. 2013. Massachusetts forestry best management practices manual. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 52 pp.

Catanzaro, P., D.B. Kittredge, and M. Markowski-Lindsay. 2011. Harvesting biomass from your woods: Make an informed decision. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 8 pp.

Catanzaro, P., J. Rasku, and W.S. Sweetser. 2010. Revised and reprinted 2013. Your land, your legacy: Deciding the future of your land. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 41 pp.

Kittredge, D.B., **P. Catanzaro**, S. Broderick, H. Bergey. 2009. Foresters and the care of your land. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 16 pp.

D'Amato, A.W. and **P. Catanzaro**. 2009. A forest manager's guide to restoring late-successional forest structure. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 16 pp.

Catanzaro, P. and W.S. Sweetser. 2009. Your land, your financial choices: Running the numbers on forest conservation tools. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 16 pp.

Catanzaro, P. and W.S. Sweetser. 2008. Connecting for conservation: A town's guide to land conservation. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 26 pp.

D'Amato, A.W. and **P. Catanzaro**. 2007. Restoring old-growth characteristics. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 11 pp.

Catanzaro, P. and A.W. D'Amato. 2005. High grade harvesting: Understand the impacts, know your options. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 16 pp.

Catanzaro, P. and W.S. Sweetser. 2005. Your land, your choices. University of Massachusetts, Cooperative Extension Landowner Outreach Pamphlet, 13 pp.

OUTREACH WEBSITES (2 Total)

Catanzaro, P. and D.B. Kittredge. 2005 – Present. www.MassWoods.org. MassWoods.net is a statewide website to inform the land conservation and forest management decisions of landowners. University of Massachusetts, Cooperative Extension.

Catanzaro, P. and D.B. Kittredge. 2008 – Present. www.MassKeystone.net. MassKeystone.net is an on-line companion to the Massachusetts Keystone Project training of influential, community leaders. University of Massachusetts, Cooperative Extension.

GRANTS AND CONTRACTS (Total = \$6,625,000)

Conservation-based Estate Planning Outreach Initiative. MA Department of Environmental Conservation. (**\$711,000**). PIs: **P.F. Catanzaro**, S. Wells, and O. Lukacic. 2022 -2026.

Family Forest Carbon Program. Massachusetts Chapter of The Nature Conservancy. (**\$50,000**). PIs: Malcolm Itter and **P. Catanzaro**. 2020-2021.

Adaptive forest management options for white ash influenced by the Invasive emerald ash borer. *USDA National Institute of Food and Agriculture CARE program* (**\$300,000**). PIs: D. Orwig, and **P.F. Catanzaro**. 2021 – 2024.

Increasing Forest Resiliency. *Massachusetts Agricultural Experiment Station* (**\$70,000**). PIs: **P.F. Catanzaro**, M. Itter, M. MacLean, M. Markowski-Lindsay, Dave Orwig, and B.J. Butler. 2020-2023.

Building Extension Capacity around Legacy Planning for Woodland Owners. *RREA Focus Funding Competitive Grant*. (**\$75,000**). PIs: Kris Tiles **P.F. Catanzaro**, & A. Muth 2019 – 2020.

Conservation-based Estate Planning Outreach Initiative. MA Department of Environmental Conservation. (**\$900,000**). PIs: **P.F. Catanzaro**, W.S. Ferris, J. Rasku and S. Wells. 2013 -2021.

Family Forest Research Center. USDA Forest Service Joint Venture Agreement. (**\$1,600,000**). PI: **P.F. Catanzaro**. 2017-2021.

Planning the Future of the Forest: Seeing Landowners “Like Me.” *USDA NIFA Renewable Resources Extension Act Focus Funding*. (**\$60,000**). PIs: A. Muth, **P.F. Catanzaro**, M. Sisock, and J. Leahy. 2016 -2017.

Deciding the Future of the Land: The Estate Planning Decisions of Family Forest Owners. *Massachusetts Agricultural Experiment Station* (**\$63,000**). PIs: **P.F. Catanzaro**, E. Markowitz, A. Milman, D.B. Kittredge, M. Markowski-Lindsay, and B.J. Butler. 2016-2019.

Understanding and Informing Family Forest Owner Decisions of Intergenerational Land Transfer To Ensure Working Forested Landscapes. *USDA National Institute of Food and Agriculture Integrated Research and Extension Grants* (**\$500,000**). PIs: **P.F. Catanzaro** & M. Markowski-Lindsay. 2015-2018.

When family dynamics define the landscape: A Mixed Method Approach to Understanding the Decisions Shaping Massachusetts Forests. *Massachusetts Agricultural Experiment Station* (**\$60,000**). PIs: **P.F. Catanzaro**, A. Milman, D.B. Kittredge, B.J. Butler, and J. Hewes. 2013-2015.

The Keystone Project: Educating Important People Making the Conservation Difference. *Massachusetts Department of Conservation and Recreation: Bureau of Forestry, Massachusetts Chapter of The Nature Conservancy, Harvard Forest, Massachusetts Division of Fish and Wildlife, The Trustees of Reservations, USDA RREA*. (**\$225,000**). PIs: **P.F. Catanzaro** and D.B. Kittredge. 2005-2019.

Massachusetts Forestry Best Management Practices Manual. *MA Department of Conservation and Recreation: Bureau of Forestry* (**\$29,000**). PIs: **P.F. Catanzaro** and D.B. Kittredge. 2013.

- Estate Planning Outreach for Forest Landowners. *Massachusetts Department of Conservation and Recreation: Bureau of Forestry* (**\$388,332**). PIs: **P. F. Catanzaro**, W. Sweetser and J. Rasku. 2010 - 2013.
- Evaluating the Effectiveness of the USDA Forest Stewardship Program. 2012. *USDA Forest Service, State and Private* (**\$169,100**). Butler, B.J, D.B. Kittredge, J. Hewes, **P.F. Catanzaro**, M. Kilgore, and Z. Ma. 2012 – 2014.
- A Land Protection Prioritization System.” *Congressional Earmark from Congressman John Olver* (**\$135,000**). PIs: **P.F. Catanzaro**, C. Nicolson, and P.K. Barten. 2010 -2011.
- Sustainable Use of Woody Biomass as an Alternative to Gasoline. *Massachusetts Agricultural Experiment Station* (**\$150,000**). PIs: Jeff Blanchard, David Damery, and **P.F. Catanzaro**. 2009 – 2010.
- Forests as Carbon Sinks: Exploring the Viability of Carbon Sequestration Programs for Family Forest Owners in Massachusetts. *Massachusetts Agricultural Experiment Station* (**\$98,240**). PIs: D.B. Kittredge, T. Stevens, M. Markowski-Lindsay, **P.F. Catanzaro**, B.J. Butler. 2009 - 2010.
- The Effects of Federal, State, and Local Taxes on Family Forest Owners in the United States. *American Forest Foundation* (**\$107,000**). PIs: B.J. Butler, D.B. Kittredge, J. Hewes, Z. Ma, M. Kilgore, **P.F. Catanzaro** and M. Tyrell. 2009.
- Massachusetts Forest Landowner Outreach. *USDA Natural Resources Conservation Service*. (**\$40,000**). PIs: **P.F. Catanzaro**, W. Sweetser and J. Rasku. 2008.
- Forest Resources Education for Municipal Officials: A Peer-to-Peer Approach.” *USDA National Institute of Food and Agriculture Renewable Resources Extension Act Focus Funding* (**\$63,500**). PIs: **P.F. Catanzaro**, W. Sweetser and J. Rasku. 2008.
- Connecting for Conservation: Informing Landowner Conservation Decisions Through Peer Networks. *Massachusetts Agricultural Experiment Station* (**\$225,000**). PIs: **P.F. Catanzaro**, C. Nicolson and P. Barten. 2008 – 2010.
- An Economic Analysis of Land Ownership in the Deerfield Watershed of Western Massachusetts. *Koblberg Foundation through the New England Forestry Foundation* (**\$44,000**). PIs: **P.F. Catanzaro**, A.W. D’Amato, and D. Damery. 2007.
- Developing Late-Successional Forest Structure through Silviculture. *Massachusetts Chapter of The Nature Conservancy* (**\$35,000**). PIs: A. W. D’Amato, **P.F. Catanzaro**, and M. Kelty. 2007.
- ACORN: A CoOperative Resource Network to Inform Family Forest Owner Decisions. *USDA National Institute of Food and Agriculture Integrated Research Extension* (**\$420,000**). PIs: D.B. Kittredge, T. Stevens, C. Schweik, and **P.F. Catanzaro**. 2005.
- Five Town Implementation Project: Helping Communities Implement Open Space Plans. *Jesse B. Cox Trust and the George H. and Jane A. Mifflin Memorial Fund* (**\$107,000**). PIs: G. Garber, **P.F. Catanzaro** and W. Sweetser. 2005.

SELECTED PROFESSIONAL PRESENTATIONS

Markowski-Lindsay, M. and **P. Catanzaro**. 2021. Family Forest Owner Preferences for Conservation Easements. International Union of Forest Research Organizations 3.08.00 Small-scale Forestry Conference, Virtual.

Catanzaro, P.F. 2020. Forest Carbon: An essential solution to climate change. SAF Granite Division annual Meeting. Concord, NH.

Catanzaro, P.F. 2020. Forest Carbon: An essential solution to climate change. MA Association of Conservation Commissions.

Markowski-Lindsay, M. and **P.F. Catanzaro**. 2018. Future Use and Ownership of FFO Land in the Northeastern U.S. International Union of Forest Research Organizations 3.08.00 Small-scale Forestry Conference, Vaasa Finland.

Catanzaro, P.F. 2017. Conservation-based Estate Planning for Family Forest Owners. Virginia Forestry Summit. Roanoke, VA.

Catanzaro, P.F. and M. Markowski-Lindsay. 2017. The Future of our Landscapes: Family Forest Owner Decisions about the Future Ownership and Use of Their Land. Society of American Foresters National Conference. Albuquerque, NM.

Catanzaro, P.F., M. Markowski-Lindsay, D. Kittredge, E. Markowitz, A. Milman, R. Zimmerer, S. Allred, J. Leahy, K. Bell, M. Sisock, Hallie Schwab. 2016. A Stable Forest Base: Foresters are Critical to Land Transfer Decisions. New England SAF Conference. Sturbridge, MA.

Catanzaro, P.F. 2015. Understanding and Informing Family Forest Owner Decisions of Land Transfer. Society of American Foresters National Conference. Baton Rouge, LA.

Catanzaro, P.F. 2015. Landowners Making Informed Conservation Decisions. New England Wildflower Society Annual Meeting. Petersham, MA.

Catanzaro, P.F. 2015. The Massachusetts Keystone Program: A Grassroots Effort to Provide Habitat Education and Habitat Enhancement on Town and Private Conservation Lands. Massachusetts Division of Fisheries and Wildlife's "Protecting Our Investment in Wildlife Diversity" Conference. Westborough, MA.

Catanzaro, P.F. and J. Fish. 2014. Understanding the Ch. 61 programs. Massachusetts Land Conservation Conference. Worcester, MA.

Catanzaro, P.F. 2014. Conservation-based estate planning. USDA Forest Service National Open Space Conservation Webinar.

Catanzaro, P.F. and M. Lindsay. 2013. Informing landowner decisions about the future of their land. National Society of American Foresters Conference. Charleston, S.C.

- Catanzaro, P.F.** 2013. Preserving family land for estate planning attorneys. Massachusetts Continuing Legal Education. Boston, MA.
- Catanzaro, P.F.** 2013. When family dynamics decide the future of our landscapes. Joint New York and New England Society of American Foresters Conference. Saratoga, N.Y.
- Catanzaro, P.F.** 2012. Developing conservation based estate planning outreach programs. Northeast Regional Conservation Partnership Annual Conference. Concord, NH.
- Catanzaro, P.F.** 2012. Adopting the woods forum approach to informing landowner decisions. Northeast Regional Conservation Partnership Annual Conference. Concord, NH.
- Kittredge, D.B. and **P.F. Catanzaro.** 2012. ACoRN: A co-operative resource network. International Union of Forest Research Organizations Small-Scale Forestry Annual Conference. Amherst, MA.
- Catanzaro, P.F.** 2012. Reaching family forest owners. New England Society of American Foresters Annual Conference. Amherst, MA.
- Catanzaro, P.F.** 2012. The landowner decision cycle: Re-imagining forestry. New York Society of American Foresters Annual Conference. Syracuse, NY.
- Catanzaro, P.F.** 2011. Massachusetts family forests. Keynote speaker UMass Dartmouth school forest dedication. Dartmouth, MA.
- Catanzaro, P.F.** 2011. Connecting for conservation. Keynote speaker at the Massachusetts Open Space Conference. Greenfield, MA.
- Catanzaro, P.F.** 2011. Helping landowners decide the future of their land. U.S.D.A Forest Service State and Private annual meeting. Newport, RI.
- Broussard, S., E. Sagor, D.B. Kittredge, J. Kays, M. Tyrell, **P.F. Catanzaro.** 2010. Innovative means of understanding and engaging private landowners. SAF National Convention. Albuquerque, NM.*
- Catanzaro, P.F.** 2010. Restoring old-growth characteristics. National land trust alliance rally. Hartford, CT.*
- Catanzaro, P.F.** 2010. Forest resources education for municipal officials: a peer-to-peer approach. Association of natural resources professionals national conference. Fairbanks, AK.*
- Catanzaro, P.F.** and W.S. Sweetser. 2009. Harnessing social capital: the neighbor conservation network. Massachusetts land trust conference. Worcester, MA.
- Catanzaro, P.F.** and A.W. D'Amato. 2008. Restoring old-growth characteristics. Cornell University webinar series.
- Catanzaro, P.F.** 2007. Massachusetts family forests. Westfield State College environmental science symposium series.

**These presentations were accepted, however due to health reasons I needed to withdraw from the conferences.*

REVIEWER

- National Institute of Food and Agriculture
- National Science Foundation
- Journal of Forestry
- Forest Science
- Society and Natural Resources
- Small-scale Forestry

SERVICE

University of Massachusetts Amherst

- UMass Society of American Foresters (SAF) Re-accreditation Committee, chair (2019 – 2020)
- Xi Sigma Pi, faculty advisor (2015 – Present)
- Student Society of American Foresters chapter, faculty advisor (2015 – Present)
- Silviculture tenure-track faculty position search, chair (2018 – 2019)
- UMass Amherst School Forests Committee (2002 – Present)
- Urban and Community Forestry Extension Professor search committee member (2012)

Professional

- Massachusetts Forester Licensing Board, Chair (2017 – Present)
- Massachusetts Land Trust Coalition Board, member (2019 – Present)
- Academics for Land Protection in New England (ALPINE), steering committee (2017 – Present)
- Mohawk Trail Woodlands Partnership, steering committee (2019 – Present)
- Northeast Forest Resources Extension Council, President (2009-2010)
- The Trustees of Reservations Highland Communities Initiative Steering Committee (2006-2011)

PROFESSIONAL LICENSE

- Massachusetts licensed forester (2000 – Present)

PROFESSIONAL AFFILIATIONS

- Society of American Foresters
- Society of American Foresters New England Chapter
- Society of American Foresters Massachusetts Chapter
- Xi Sigma Pi (National Forestry Honor Society)
- MA Land Trust Coalition

PERSONAL SERVICE AND AWARDS

- Board of Trustees – The Academy at Charlemont (2018 – Present)
- Board of Deacons - First Congregational Church of Chesterfield (2013 – Present)
- John Engdahl Award – Leukemia & Lymphoma Society's Team in Training (2012)