

FREDERICK W. CUBBAGE – BRIEF CV

Natural Resource Policy and Forest Economics

Department of Forestry and Environmental Resources (FER)

College of Natural Resources

North Carolina State University, Raleigh, NC 27695-8008

Office: (919) 515-7789; Cell: (919) 630-8928

fred_cubbage@ncsu.edu or fredcubbage@yahoo.com; ORCID: 0000-0001-8375-3945

17 July 2022

EDUCATION

Ph.D. Forest Economics	University of Minnesota	1981
M.S. Forest Policy	University of Minnesota	1978
B.S. Forestry	Iowa State University	1974

PROFESSIONAL EXPERIENCE

- Professor, Department of Forestry and Environmental Resources, North Carolina State University, Raleigh, North Carolina, 2004-2022
- Founder and Co-Director, Southern Forest Resource Assessment Consortium, 1993-2020
- President, Society of American Foresters, 2017; Board of Directors, 2005-2008, 2016-2018
- Professor and Head, North Carolina State University, Department of Forestry, 1994-2004
- Project Leader, Economics of Forest Protection and Management Work Unit, Southeastern Forest Experiment Station, Research Triangle Park, North Carolina, 1991-1994
- Assistant Professor, Associate Professor, and Professor, University of Georgia School of Forest Resources, Athens, 1982-1991
- Associate Economist, Southern Forest Experiment Station, New Orleans, 1979-1982
- Service Forester, Kentucky Division of Forestry, Elizabethtown, 1974-1976

TABLE OF CAREER QUANTITATIVE ACCOMPLISHMENTS, 17 JULY 2022

Activity	Career
<i>Courses Taught - NCSU</i>	<i>~100</i>
NR 460/NR560 (no. of sections)	23
FOR 319/595 (no.)	10
FOR 509 (no.)	27
Other NCSU	21
<i>Courses Taught - UGA</i>	<i>~20</i>
<i>Graduate Students</i>	
Advisor or Co-Advisor	90
Graduated	87 (24 PhD; 63 Masters)
<i>Publications – Author or Co-Author</i>	<i>565</i>
Book Author or Editor	5
Refereed Journal Articles	186
Refereed Book Chapters	53
Technical Reports	57
Proceedings: Print & Web-based	183
Popular, Other	81

Speeches – Presenter or Co-Presenter	555
Grants – PI or Co-PI (with \$400K at UGA)	
Number (approximate; SOFAC as 1 per year)	130
Approximate Amount (\$) from NCSU Radar File	~\$20,567,000
Service	
NCSU/CNR/FER Committees, MNR Coordinator	12
Professional Committees, SAF President	12
Extension meetings / talks	20

565 CAREER PUBLICATIONS AS AUTHOR OR CO-AUTHOR

- *Natural Resource Leadership and Management: A Practical Guide for Professionals (2022)*
- Senior author of *Natural Resource Policy (2017; Forest Resource Policy (1993)*
- Editor, *SAF Forests and Forestry in the Americas: An Encyclopedia (2009-2015)*
- Chair and lead author, National Research Council, *Forestry Research Capacity (2002)*
- ResearchGate - Final RG Score: 36.91 (95% rank); RG h-index: 29

INSTRUCTION AND ADVISING

- ***NCSU 2009 Alumni Association Distinguished Graduate Professor Award***
- Taught 22 different subjects/course levels; ~100 classes; Most at NCSU and UGA
- Advised or co-advised 90 graduate students: 66 MS/MF/MFR/MNR; 24 PhD
- Taught Natural Resource Policy and Management, Forest Economics, 1994-2022
- Taught Natural Resource Issues, Sustainable Forest Management and Certification, Introduction to Natural Resources, Wood Procurement, occasionally, 1994-2005

GRANTS & CONSULTING

- ~130 external research grants as a professor or project leader, PI or Co-PI
- ~\$20.5 million total
- Consulting: World Bank—South America, Mexico, Chile, Vietnam, Lao PDR, 2005-2018
- Consulting: legal; forest industry; U.S. NGOs; Wall Street; other, 2004-2021

ACADEMIC SERVICE AND LEADERSHIP

- Coordinator, Master of Natural Resources Program, 2012-present
- Coordinator, Master of Forestry Program, 2021-2022
- NCSU FER Graduate Student Committee, 2020-2022
- FER Justice, Equity, Diversity, and Inclusion (JEDI) Committee, 2021-2022
- NCSU Student Fulbright Application Dossier reviews and interviews, 2016, 2017
- NCSU Faculty Senate Member, 2014-2016
- FER Post Tenure Review Committee Member, ~2009, 2020+; Chairperson, 2012
- FER Promotion and Tenure Committee Member/Chairperson, 2006-2007, 2008-2009
- NCSU University Promotion and Tenure Review Committee, 2006-2007
- Department Head, Department of Forestry (at end and Environmental Resources), 1994-2004
- Co-Leader, Campaign to stop the Hofmann Forest sale, 2013-2015
- Spokesperson, Efforts to remove Dixie from the NCSU Alma Mater song, 2018-2021

PROFESSIONAL SERVICE

- *Society of American Foresters, National Forest Science Award, 2014*
- Registered Forester, North Carolina
- Vice-President/*President*/Past President, Society of American Foresters (SAF), 2016-2018
- Fellow, SAF; National SAF Council Member, 2005-2008
- Chairperson, SAF National Convention, 2013
- Program Co/Chairperson, Appalachian SAF Annual Meeting, 2013, 2015
- Member, Sustainable Forestry Initiative (SFI) External Review Panel, 2007-2013
- Member, American Tree Farm System Standards Review Committee, 2009
- Member, ~15 professional and conservation organizations
- NCSU Representative, North Carolina Longleaf Coalition Task Force, 2013-2017
- Chairperson, National Research Council Forestry Research Capacity Study, 2002

INTERNATIONAL

- *NCSU Jackson Rigney International Service Award, 2022*
- Forest investments and agroforestry research and lectures, ~20 countries, 2004-2021
- PhD student advisor/committee member, 2010-2021, Uruguay, Argentina, Mexico, Paraguay
- Graduate student advisor or committee member at NCSU, from Brazil, India, Afghanistan, Finland, China, Venezuela, Poland, Sweden, Indonesia, Sweden, Zimbabwe, 2020→1994
- Visiting scholar sponsor, 12 visiting scholars, South Korea, Bangladesh, Ukraine, Brazil, Mexico, China, Uruguay, Turkey, 1994-2017
- Sabbatical, South America tours, university visits, meetings, 2012-2018, Argentina, Brazil, Chile, Colombia, Uruguay, Denmark, Sweden, Finland, Germany, Spain, Portugal, China, Peru, Viet Nam, New Zealand, Australia, Poland
- Sabbatical, Fulbright Lecturing/Research Environmental Science Scholar, 2004, Uruguay and Argentina
- Research and development team leader or member, World Bank – Mexico, Vietnam, Lao PDR, 2010-2017; USDA Forest Service – Paraná, Brazil, 1991-1994
- Co-Leader, 2010-present, Criterion 7, Legal, Institutional, and Economic Indicators in the United States, Montréal Process Criteria and Indicators Framework; 11 Member Countries
- Short courses and academic program reviews, Thailand, Malaysia, Switzerland, Germany, British Columbia
- Attended NCSU research study tours and student tours, 20 countries
- Spanish language – 12 years of NC State University and Wake Tech classes, 2002-2015; capable at ACTFL intermediate level
- Portuguese – 2 years, 1993, 2008, 2009; reading and limited oral comprehension ability

BOOKS AND RECENT REFEREED PUBLICATIONS

Books

Cubbage, Frederick. 2022. *Natural Resource Leadership and Management: A Practical Guide for Professionals*. Routledge Press. 132 p.

Cubbage, Frederick, Jay O’Laughlin, and Nils Peterson. 2017. *Natural Resource Policy*. Waveland Press. 505 p.

Cubbage, Frederick W., Editor. 2009-2015. *Forests and Forestry in the Americas: An Encyclopedia*. Sponsored by the Society of American Foresters and the International Society of Tropical Foresters. Wiki encyclopedia. http://encyclopediaofforestry.org/index.php/Main_Page.

National Research Council. 2002. *National Capacity in Forestry Research*. Written by Frederick W. Cubbage, Perry J. Brown, Thomas R. Crow, John C. Gordon, John W. Humke, Rex B. McCullough, and Ronald R. Sederoff. National Academy of Science Press. Washington, D.C. 144 p.

Cubbage, Frederick W., Jay O'Laughlin, and Charles S. Bullock III. 1993. *Forest Resource Policy*. John Wiley, Inc. New York. 562 p.

Refereed Journal Articles

2022

Hovis, Meredith, Frederick Cubbage, Joseph Chris Hollinger, Theodore Shear, Barbara Doll, J. Jack Kurki-Fox, Daniel Line, Michelle Lovejoy, Bryan Evans. 2022. Determining the costs, revenues, and cost-share payments for the “floodwise” program: Nature-based solutions to mitigate flooding in eastern, rural North Carolina. *Nature-Based Solutions* 2 (2022):100016.

Chudy, Rafal, Frederick Cubbage, Jacek Siry, Jacek Chudy. 2022. The profitability of artificial and natural regeneration: A forest investment comparison of Poland and the U.S. South. *Journal of Forest Business Research* 1(1):1-20. <https://www.forest-journal.com/index.php/JFBR/artificial-and-natural-regeneration>.

Hildt, Eduardo, Adriana Bussoni, Virginia Morales Olmos, Patricio M. Mac Donagh and Frederick W. Cubbage. 2022. Pine Log Price Changes in South America: A Comparison of Argentina, Brazil, and Uruguay Markets. *Journal of Forest Economics*: Vol. 37: No. 2, pp 217-236. <http://dx.doi.org/10.1561/112.00000555>.

Kanieski da Silva, Bruno, Shaun Tanger, Mohammad Marufuzzaman, Frederick Cubbage. 2022. Perfect assumptions in an imperfect world: Managing timberland in an oligopoly market. *Forest Policy and Economics* 137 (2–3). DOI: 10.1016/j.forpol.2022.102691

2021

Hovis, M.; Hollinger, J.C.; Cubbage, F.; Shear, T.; Doll, B.; Kurki-Fox, J.J.; Line, D.; Fox, A.; Baldwin, M.; Klondike, T.; Lovejoy, M; Evans, B.; West, J.; Potter, T. Natural Infrastructure Practices as Potential Flood Storage and Reduction for Farms and Rural Communities in the North Carolina Coastal Plain. *Sustainability* 2021, 13, 9309. <https://doi.org/10.3390/su13169309>.

Bussoni, Adriana, Frederick Cubbage, Jorge Alvarez Giambruno. 2021. Silvopastoral systems and multi-criteria optimization for compatible economic and environmental outcomes. *Agriculture Systems* 190 (2021) 103118.

Chizmar, S.J., Parajuli, R., Bardon, R., Cubbage, F. 2021. State cost-share programs for forest landowners in the Southern United States: A review. *Journal of Forestry* 119(2), 177-195. <https://doi.org/10.1093/jofore/fvaa054>.

Dunn, K.; Unruh Snyder, L.; McCarter, J.; Frey, G.; Idassi, J.; Schnake, D.; Cubbage, F. 2021. Bioeconomic assessment of an alley cropping field trial in North Carolina, U.S.: Tree density, timber production, and forage relationships. *Sustainability* 2021, 13, 11465. <https://doi.org/10.3390/su132011465>

Kruchelski, Silvano, Jonathan William Trautenmüller, Leonardo Deiss, Rômulo Trevisan, Frederick Cubbage, Vanderley Porfirio-da-Silva, Anibal de Moraes. Eucalyptus benthamii Maiden et Cambage growth and wood density in integrated crop-livestock systems. *Agroforestry Systems* (2021) 95:1577–1588. [https://doi.org/10.1007/s10457-021-00672-0\(0123456789\)](https://doi.org/10.1007/s10457-021-00672-0(0123456789)).

Fargione, Joseph, Diane L. Haase, Owen T. Burney, Olga A. Kildisheva, Greg Edge, Susan C. Cook-Patton, Teresa Chapman, Austin Rempel, Matthew D. Hurteau, Kimberley T Davis, Solomon Dobrowski, Scott Enebak, Rafael De

La Torre, Arvind A. R. Bhuta, Frederick Cubbage, Brian Kittler, Daowei Zhang, and Richard W. Guldin. Challenges to the reforestation pipeline in the United States. *Frontiers in Forests and Global Change*. Published: 04 February 2021 doi: 0.3389/ffgc.2021.629198

Hovis, Meredith, Frederick Cubbage, Madhusudan Katti, and Kathleen McGinley. 2021. An evaluation of the participant and socio-ecological outcomes of Hofmann Open-Water Laboratory (HOWL) citizen science project in Eastern North Carolina. *Journal of Community Engagement and Scholarship*. Volume 13 Issue 2 Article 1. Available at: <https://digitalcommons.northgeorgia.edu/jces/vol13/iss2/1>

2020

Cubbage, Frederick, Bruno Kanieski, Rafael Rubilar, Adriana Bussoni, Virginia Morales, Gustavo Balmelli, Patricio MacDonagh, Roger Lord, Carmelo Hernández, Pu Zhang, Jin Huang, Jaana Korhonen, Richard Yao, Peter Hall, Rafael De La Torre, Luiz Balteiro, Omar Carrero, Elizabeth Monges, Ha Tran Thi Thu, Greg Frey, Mike Howard, Michael Chavet, Shaun Mochan, Vitor Hoeflich, Rafal Chudy, Stephanie Chizmar, and Robert Abt. 2020. Global timber plantation investments, 2005-2017. *Forest Policy and Economics Special Issue on Forest Investments*. 112(2020)102802.

Chudy, R.P., F.W. Cubbage. 2020. Research trends: Forest investments as a financial asset class. *Forest Policy and Economics Special Issue on Forest Investments*. 112 (2020) 102273.

Chudy, R.P., K.A. Chudy, B. Kanieski da Silva, F.W. Cubbage, R. Rubilar, R. Lord. 2020. Profitability and risk sources in global timberland investments. *Forest Policy and Economics Special Issue on Forest Investments*. 112 (2020)102037. <https://doi.org/10.1016/j.forpol.2019.102037>.

Hovis, Meredith, Frederick Cubbage, Diana Rashash. 2020. Designing a Citizen Science project for forest landscapes: A case from Hofmann Forest in Eastern North Carolina. *Open Journal of Forestry*. *Open Journal of Forestry*, 2020, 10, 187-203. <https://www.scirp.org/journal/ojf>. ISSN Online: 2163-0437; ISSN Print: 2163-0429.

Nepal, P., J. Korhonen, J. Prestemon, and F. Cubbage. 2020. Global forest area outlook suggested by the updated Environmental Kuznets Curve model under varying futures of economic and demographic changes. *Forests* 10(5), 387; <https://doi.org/10.3390/f10050387>.

Korhonen, Jaana, Prakash Nepal, Jeffrey P. Prestemon, Frederick W. Cubbage. 2020. Projecting global and regional outlooks for planted forests under the shared socio-economic pathways. *New Forests*. Online at: <https://doi.org/10.1007/s11056-020-09789-z>. 11 May 2020.

Chizmar, Stephanie, Miguel Castillo, Dante Pizarro, Hector Vasquez, Wilmer Bernal, Raul Rivera, Erin Sills, Robert Abt, Rajan Parajuli and Frederick Cubbage. 2020. A discounted cash flow and capital budgeting analysis of silvopastoral systems in the Amazonas Region of Peru. *Land* (2020): 9, 353.

Kanieski Silva, Bruno, Rafal Chudy, Stella C. Schons, Frederick Cubbage, and Rajan Parajuli. 2020. Spatial and cross-product price linkages in Brazilian pine timber markets. *Journal of Forest Policy and Economics* Vol. 117(C). DOI: 10.1016/j.forpol.2020.102186

2019

McGinley, Kathleen, Richard Guldin, and Frederick Cubbage. 2019. Forest sector research and development capacity. *Journal of Forestry* 117(5):443-461. doi:10.1093/jofor/fv030.

Parajuli, Rajan, Shaun Tanger, Robert Abt, Frederick Cubbage. 2019. SubRegional timber supply projections with chip-n-saw stumpage: Implications for southern stumpage markets. *Forest Science*. doi: 10.1093/forscifxz044. Online.

Kanieski Silva, Bruno, Frederick Cabbage, and Robert Abt. 2019. Structural changes in the pulpwood market in the U.S. South: Wood pellet investments and price dynamics. *Forest Science* 65(6): 675-687. <https://doi.org/10.1093/forsci/fxz043>.

Nepal, P., J. Korhonen, J.P. Prestemon, and F.W. Cabbage. 2019. Projecting global planted forest area developments and the associated impacts on global forest product markets. *Journal of Environmental Management* 240: 421–430.

Foster, Michaela, M. Nils Peterson, Frederick Cabbage, and Gerard McMahon. 2019. Evaluating natural resource planning for longleaf pine ecosystems in the Southeast United States. *Forest Policy and Economics* 100(2019):142-153. <https://doi.org/10.1016/j.forpol.2018.11.008>

Zhang Pu, Youjun He, Yiming Feng, Rafael Del La Torre, Hongyan Jia, JixinTang, Frederick Cabbage. 2019. An analysis of potential investment returns of planted forests in South China. *New Forests*, Online 04 March 2019. DOI <https://doi.org.prox.lib.ncsu.edu/10.1007/s11056-019-0978-x>.

Mac Donagh, Patricio, Santiago José Elías Velazco, Guido F. Botta, Tomas Schlichter, and Fred Cabbage. 2019. Logging contractors' growth in the Southern Cone: An analysis of contractor business strategies, innovation, and mechanization. *Forests* (2019), 10, doi:10.3390/f10010069. 12 p.

Kanieski Silva, Bruno, Frederick W. Cabbage, Ronalds Gonzalez, and Robert C. Abt. 2019. Assessing market power in the U.S. pulp and paper industry. *Forest Policy and Economics*, 2019, p. 138-150.

Bruck, Sonia R., Badege Bishaw, Tamara L. Cushing, Frederick W. Cabbage. 2019. Modeling financial potential of silvopasture agroforestry in eastern North Carolina and Northeastern Oregon. *Journal of Forestry* 117(1):13-20.

Frey, Gregory E.; Cabbage, Frederick W.; Holmes, Thomas P.; Reyes-Retana, Graciela; Davis, Robert R.; Megevand, Carole; Rodríguez-Paredes, Diana; Kraus-Elsin, Yoanna; Hernández-Toro, Berenice; Chemor-Salas, Diana Nacibe. 2019. Competitiveness, certification, and support of timber harvest by community forest enterprises in Mexico. *Forest Policy and Economics*. 107: 101923-. <https://doi.org/10.1016/j.forpol.2019.05.009>.

Popular Magazine Bonus Publication: Cabbage, Frederick, Bob Abt, Rajan Parajuli, Jesse Henderson, and Bruno Kanieski. 2019. Southern timber markets and prospects. *National Woodlands* 42(1):25-29, Winter 2019.

2018

Clark, K. E., E. Chin, M. N. Peterson, K. Lackstrom, K. Dow, M. Foster, and F. Cabbage. 2018. Evaluating climate change planning for longleaf pine ecosystems in the Southeast United States. *Journal of the Southeastern Association of Fish and Wildlife Agencies* 5:151–168.

Xue, Han, Gregory E. Frey, Geng Yude, Frederick W. Cabbage, Zhang Zhaohui. Reform and efficiency of State-owned Forestry Enterprises in Northeast China as “Social Firms.” *Journal of Forest Economics* 32(2018):18-33.

Siry, Jacek, Frederick Cabbage, Kevin Potter, and Kathleen McGinley. 2018. Perspectives on sustainable forest management: North America. *Current Forestry Reports* September 2018, Volume 4, Issue 3, pp 138–149. Published On-Line at: <https://doi.org/10.1007/s40725-018-0079-2>.

Frey, Gregory E., Frederick W. Cabbage, Tran T. T. Ha, Robert R. Davis, James B. Carle, and Nguyen V. Dzung. 2018. Financial analysis and comparison of smallholder forest and State Forest Enterprise plantations in Central Vietnam. *International Forestry Review* 20(2):181-198. <http://www.bioone.org/doi/full/10.1505/146554818823767582>

Rodriguez, Shari, M. Nils Peterson, Frederick Cabbage, Erin Sills, Howard Bondell. 2018. What is private land stewardship? Lessons from agricultural opinion leaders in North Carolina. *Sustainability* 10(2018):297. doi:10.3390/su10020297. 12 p.

Cubbage, Frederick, Robert Abt, Ray Sheffield, Curt Flather, and James Wickham. 2018. Forest wetland area and the forest sector economy in the South. *Open Journal of Forestry* 2018 (8): 409-428. <http://www.scirp.org/journal/ojf>. ISSN Online: 2163-0437. ISSN Print: 2163-0429

2017

McGinley, K.A., and F.W. Cubbage. 2017. Examining forest governance in the United States through the Montreal Process Criteria and Indicators Framework. *International Forestry Review* 19(2):192-208.

Bashari, Mujtaba ; Sills, Erin; Peterson, Markus; Cubbage, Fred. 2017. Illegal Hunting in Afghanistan: Variation in Motivations across Species. *Oryx*-16-A-0109.R1,

Mac Donagh, Patricio, Guido Botta, Thomas Schlichter, and Frederick Cubbage. 2017. Harvesting contractor production and costs in forest plantations of Argentina, Brazil, and Uruguay. *International Journal of Forest Engineering* 28(3):157-168. Published online: 10 Aug 2017. <https://doi.org/10.1080/14942119.2017.1360657>.

García-Montiel, Emily, Frederick Cubbage, Alberto Rojo-Alboreca, Concepción Lujan-Álvarez, Eusebio Montiel-Antuna, and José Javier Corral-Rivas. 2017. An Analysis of Non-State and State Approaches for Forest Certification in Mexico. *Forests* 2017, 8, 290; doi:10.3390/f8080290 www.mdpi.com/journal/forests. 18 P. doi: 10.3390/f8080290

Blackman; A., Raimondi, A., Cubbage, F. 2017. Does forest certification in developing countries have environmental benefits? Insights from Mexican corrective action requests. *International Forestry Review* 19(3):247-264.

Franzluebbers, Alan J., Janet C. Chappell, Wei Shi, Frederick W. Cubbage. 2017. Greenhouse gas emissions in an agroforestry system of the southeastern USA. *Nutrient Cycling in Agroecosystem* (2017) 108:85–100. DOI 10.1007/s10705-016-9809-7doi:10.2136/sssaj2016.07.0216.

Kanieski, Bruno, Frederick Cubbage, and Chris Singleton. 2017. Timberland investment management organizations (TIMOs): Business management strategies in forest plantations in Brazil. *Journal of Forestry* 115(2):95-102. DOI: <https://doi.org/10.5849/jof.2016-050>.

Bussoni, Adriana Bussoni, Jorge Alvarez, Frederick Cubbage, Gustavo Ferreira, and Valentin Picasso. 2017. Diverse strategies for integration of forestry and livestock production. *Agroforestry Systems*. 12 p. Online at: <https://link.springer.com/article/10.1007/s10457-017-0092-7>; <https://doi.org/10.1007/s10457-017-0092-7>.

Maldonado, Juan Regino, Yali Wen, Frederick Cubbage. 2017. Forest resources in the performance of Mexican Community Forest Enterprises in a vertical integration system. *International Journal of Sciences* 3(09):1-15. September 2017. <https://www.ijsciences.com/pub/pdf/V62017091163.pdf>, <http://www.ijsciences.com/pub/issue/2017-09/>.

Deiss, Leonardo, Alan J. Franzluebbers, Aziz Amoozegar, Dean Hesterberg, Matthew Polizzotto Frederick Cubbage. 2017. Soil carbon fractions from an alluvial soil texture gradient in North Carolina. *Soil Science Society of America Journal* 81(5):1096. DOI10.2136/sssaj2016.09.0304

2016

Korhonen, Jaana, Anne Topinen, Jari Kuuluvainen, Jeffrey Prestemon, and Frederick Cubbage. 2016. Recycling, certification, and international trade of paper and paperboard: Demand in Germany and the United States. *Forest Science* 63(5):449-458. <https://doi.org/10.5849/FS-2016-073R2>

Singh, Damien, Frederick Cubbage, Ronalds Gonzalez, and Robert Abt. 2016. Locational determinants for wood pellet plants: A review and case study of North and South America. *BioResources* 11(3): 7928-7952.

Foster, M., M. N. Peterson, F. Cabbage, and G. McMahon. 2016. Meta-analysis of natural resources conservation plan evaluations. *Journal of the Southeastern Association of Fish and Wildlife Agencies* 3:296–302. Available at: <https://www.fs.usda.gov/treearch/pubs/52213>.

2015

Crawford, C., J. Grossman, S.T. Warren, and F. Cabbage. 2015. Grower communication networks: Information sources for organic farmers. *Journal of Extension* [online], 53(3) Article 3FEA9. Available at: <http://www.joe.org/joe/2015june/a9.php>.

Bussoni, Adriana, Juan Cabris, Emilio Fernández, Mariana Boscana, Frederick Cabbage, and Oscar Bentancur. 2015. Integrated beef and wood production in Uruguay: potential and limitations. *Agroforestry Systems* 89(6):1107-1118; December. Published online on 10 August 2015. DOI 10.1007/s10457-015-9839-1.

Serenari, Christopher, M. Nils Peterson, Christopher E. Moorman, Frederick Cabbage, and Suzanne Jervis. 2015. Application of choice experiments to determine stakeholder preferences for woody biomass harvesting guidelines. *Journal of Sustainable Forestry* 34(4):343-357. DOI: 10.1080/10549811.2015.1007511.

Siry, Jacek P., Kathleen McGinley, Frederick W. Cabbage, and Pete Bettinger. 2015. Forest tenure and sustainable forest management. *Open Journal of Forestry* 5:526-545. Published online at: <http://www.scrip.org/journal/ojf>; <http://dx.doi.org/10.4236/ojf.2015.55046>.

Cabbage, Frederick W., Robert R. Davis., Diana Rodriguez Paredes, Ramon Mollenhauer, Yoanna Kraus Elsin, Gregory E. Frey, Iganacio A. Gonzlaez Hernández, Humberto Albarrán Hurtado, Anita Mercedes Salazr Cruz, Diana Nacibe Chemor Cruz. 2015. Community Forestry Enterprises in Mexico: Sustainability and competitiveness. *Journal of Sustainable Forestry* 34(6-7): 623-650. DOI: 10.1080/10549811.2015.1040514.

Jenni-Lee, Graise, Jenifer Jameson, Nils Peterson, Fred W. Cabbage. 2015. Military perspectives on public relations related to environmental issues. *Journal of Public Relations Research* 27(4):353-369, DOI: 10.1080/1062726X.2015.1027770.

2014

Cabbage, Frederick, Patricio MacDonagh, Gustavo Balmelli, Virginia Morales Olmos, Adriana Bussoni, Rafael Rubilar, Rafael de la Torre, Roger Lord, Jin Huang, Vitor Afonso Hoeflich, Mauro Murara, Bruno Kaniski, Peter Hall, Richard Yao, Paul Adams, Heynz Kotze, Elizabeth Monges, Carmelo Hernandez Perez, Jeff Wikle, Robert Abt, Ronalds Gonzalez, and Omar Carrero. 2014. Global timber investments and trends, 2005-2011. *New Zealand Journal of Forestry Science* 44(Suppl 1):57. Accessed at: <http://www.nzforestryscience.com/content/4451/s7>. 5 December 2014.

Jeuck, James A., Frederick W. Cabbage, Robert C. Abt, Robert E. Bardon, James B. McCarter, John W. Coulston, and Mitch A. Renkow. 2014. Assessing independent variables used in econometric modeling of forest land use or land cover change: A Meta-Analysis. *Forests* 2014 (5):1532-1564. doi: 10.3390/f5071532. Accessed at: <http://www.mdpi.com/1999-4907/5/7/1532>. 11 July 2014.

Korhonen, J., A.Toppinen, F. Cabbage, and J. Kuuluvainen. 2014. Factors driving investment in planted forests: a comparison between OECD and non-OECD countries. *International Forestry Review* 16(1):67-77.

Peer-Reviewed Book Chapters

McGinley, Kathleen, Gregory Frey, Susan Charnley, Reem Hajar, Frederick Cabbage, Meredith Hovis. 2022. Community forest ownership, rights, and governance regimes in the United States. Chapter in a Community Forests Book. Springer.

Cabbage, Frederick W. and Erin O. Sills. 2020. Forest certification and forest use: A comprehensive analysis. Chapter in: The Wicked Problem of Forest Policy. p. 59-107. Edited by William Nikolakis and John Innes. Cambridge University Press. 978-1-108-47140-4.

Mac Donagh, Patricio, Joshua Roll, George Hahn, and Frederick Cabbage. 2019. Timber harvesting production, costs, innovation, and capacity in the Southern Cone and the U.S. South. Chapter in: Timber Buildings and Sustainability. Intech Open Press. Accessed at: <http://mts.intechopen.com/articles/show/title/timber-harvesting-production-costs-innovation-and-capacity-in-the-southern-cone-and-the-u-s-south> ISBN# 978-1-78923-882-2. 5 December 2019.

Cabbage, Frederick, Robert Davis, Gregory Frey, Diji Chandrasekharan Behr, and Erin Sills. 2016. Financial and economic evaluation guidelines for international forestry projects. 17 p. In: Tropical Forestry Handbook. Springer Publishing. DOI 10.1007/978-3-642-41554-8_68-2.

Cabbage, Frederick, Robert Davis, Diana Rodriguez Parades, Yoanna Kraus Elsin. 2015. Timber production cost and profit functions for community forests in Mexico. 19 p. In: Tropical Forestry Handbook. Springer Publishing. DOI 10.1007/978-3-642-41554-8_222-2.

Toppinen, Anne, Frederick Cabbage, and Susan Moore. 2014. The Economics of forest certification and corporate social responsibility. p. 444-458. In: Forest Economics Handbook. Shashi Kant and Janaki Alavalapati, Eds. Earthscan Publishers.

Mercer, D. Evan, Gregory E. Frey, and Frederick W. Cabbage. 2014. The economics of agroforestry. p. 188-209. In: Forest Economics Handbook. Shashi Kant and Janaki Alavalapati, Eds. Earthscan Publishers.

MAJOR TECHNICAL REPORTS

USDA Forest Service

McGinley, K.A.; Cabbage, F.W. 2020. Legal, institutional, and economic indicators of forest conservation and sustainable management in the United States: analyzing criterion 7 of the Montréal Process criteria and indicators framework. Gen. Tech. Rep. IITF-GTR-52. Rio Piedras, PR: U.S. Department of Agriculture, Forest Service, International Institute of Tropical Forestry. 174 p. Also, Co-Author of 11 chapters. 176 p.

McGinley, K.A., Cabbage, F.W., Robertson, Guy, 2018. U.S. Forest Sustainability Indicators - Criterion 7 <https://www.fs.fed.us/research/sustain>

Cabbage, F. W.; McGinley, K. A.; O'Laughlin, J. 2018. Sustainable Forest Indicator 7.45. Legislation and policies supporting the sustainable management of forests. <https://www.fs.fed.us/research/sustain/docs/indicators/i7.45%20Editing%20Complete%202019%2005%2031.pdf>.

Cabbage, F. W.; McGinley, K. A.; Arbogast, T. 2018. Sustainable Forest Indicator 7.47. Taxation and other economic strategies that affect the sustainable management of forests. <https://www.fs.fed.us/research/sustain/docs/indicators/i7.47%20Editing%20Complete%202019%2005%2031.pdf>

World Bank

Cubbage, Fred and Robert Davis. 2014. An Economic Evaluation of Carbon Payments for Addressing Forest Degradation in Chile. PROFOR Working Paper Latin America No. 8. 44 p.

Cubbage, Frederick, Robert Davis, Gregory Frey, and Diji Chandrasekharan Behr. 2013. Financial and Economic Evaluation Guidelines for Community Forestry Projects in Latin America. PROFOR & the World Bank, Latin America and the Caribbean Region. Accessed at: <http://www.profor.info/knowledge/community-forestry-enterprise-competitiveness-and-access-markets-mexico>. 21 February 2013.

Cubbage, Frederick, Robert Davis, Diana Rodriguez Parades, Gregory Frey, Ramón Millenhaeuer, Yoanna Kraus Elsin, Igancio Antonio González Hernández, Humberto Albarrán Hurtado, Ana Mercedes Salazar Cruz, y Diana Nacibe Chemor Salas. 2013. Competitividad y Acceso a Mercados de Empresas Forestales Comunitarias en México. PROFOR & the World Bank, Latin America and the Caribbean Region. Accessed at: <http://www.profor.info/knowledge/community-forestry-enterprise-competitiveness-and-access-markets-mexico>. 30 June 2013.

Cubbage, Frederick W., Robert R. Davis, and Gregory E. Frey. 2011. Guía para la Evaluación Económica y Financiera de Proyectos Forestales Comunitarios en México. Documento de Trabajo, Forestal Latinoamericano, No. 2. Banco Mundial Región de Latinoamérica y el Caribe. Washington, D.C. 43 p. Accessed at: <http://www.profor.info/profor/knowledge/community-forestry-enterprise-competitiveness-and-access-markets-mexico>. 18 January 2012.

Cubbage_Brief_CV_Pubs_V76; 17 July 2022