

## **Rajan Parajuli**

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### **Education**

**Ph.D., Forest Economics and Policy**, Louisiana State University (LSU), Baton Rouge LA, 2015  
**M.S., Finance**, LSU, Baton Rouge LA, 2014  
**M.S. Forest Economics and Management**, LSU, Baton Rouge LA, 2011  
**B.Sc. Forestry**, Tribhuvan University, Nepal, 2005

### **Professional Experience**

- **Assistant Professor and Extension Specialist** (January 2018-present), Department of Forestry and Environmental Resources, North Carolina State University, Raleigh NC  
*Timber marketing, economic and policy impact analysis, financial analysis of forest assets, forest sector modeling, forest resource analysis, and financial incentive programs*
- **Forest Economist** (May 2016- December 2017), Texas A&M Forest Service, College Station, TX.  
*Monitoring timber markets, resource analysis, timberland taxation, economic impact analysis*
- **Postdoctoral Fellow** (Aug 2015 – Apr 2016), School of Forestry and Wildlife Sciences, Auburn University, Auburn USA  
*Forest product markets modeling, forest product trade, policy impact analysis*
- **Gilbert Foundation Research Assistant** (Aug 2011 – Jul 2015), School of Renewable Natural Resources, Louisiana State University, Baton Rouge USA  
*Forest product markets and trade, forest finance*
- **Research Intern** (June – Aug 2013), Hancock Natural Resource Group, Boston, USA  
*Modeling timber markets, forest finance, timberland investment analysis*
- **McIntire-Stennis Research Assistant** (June 2009 – July 2011), School of Renewable Natural Resources, Louisiana State University, Baton Rouge USA  
*Economics of forest carbon sequestration, forest management*

### **Teaching**

- **NR 219, Natural Resource Markets**, an undergraduate course developed and taught in spring 2019 at North Carolina State University, 18 students (4.6/5)
- **RNR 1002, Issues in Natural Resource Management**, an undergraduate course taught in spring 2015 at Louisiana State University, 12 students (4.4/5)
- Several guest lectures in forest economics classes at Auburn University and North Carolina State University
- Several guest lectures and labs in forest management and forest economics courses at Louisiana State University

## Publications

### A. *Refereed Journal Articles (\*graduate student)*

(<https://scholar.google.com/citations?user=NdvxhBIAAAAJ&hl=en&authuser=1>)

1. **Parajuli, R.** 2021. Wood pellets versus pulp and paper: quantifying the impacts of wood pellets on the pulpwood markets in the southeastern United States. *Journal of Cleaner Production*, 317: 128384.
2. Bista, R.\*, Q. Zhang, **R. Parajuli**, R. Karki, B.B. Khanal, and C. Song. 2021. Cropland abandonment in the community forestry landscape in the middle hills of Nepal. *Earth Interactions*. <https://doi.org/10.1175/EI-D-21-0006.1>.
3. Bhandari, S.K., T. Maraseni, Y.P. Timilsina, and **R. Parajuli**. 2021. Species composition, diversity, and carbon stock in trees outside forests in middle hills of Nepal. *Forest Policy and Economics*, 125: 102402.
4. Chizmar, S.\*, **R. Parajuli**, R.E. Bardon, and F. Cabbage. 2021. State cost-share programs for forest landowners in the Southern United States: A review. *Journal of Forestry*, 119(2): 177-195.
5. Chizmar, S.\*, M. Castillo, D. Pizarro, H. Vasquez, W. Bernal, R. Rivera, E. Sills, R. Abt, **R. Parajuli**, F. Cabbage. 2020. A Discounted Cash Flow and Capital Budgeting Analysis of Silvopastoral Systems in the Amazonas Region of Peru. *Land*, 9, 353.
6. **Parajuli, R.**, S. Chizmar\*, M. Megalos, and R. Bardon. 2020. Educating landowners on forest based alternative income streams in North Carolina: Program evaluation and lessons learned. *Journal of Forestry*, 118(6): 551-554.
7. Kaneiski, B.\*, S. Schons, F. Cabbage, and **R. Parajuli**. 2020. Spatial and cross-product price linkages in the Brazilian timber markets. *Forest Policy and Economics*, 117:102186.
8. Fawcett, J., **R. Parajuli**, R. Bardon, L. Boby, L. Kays, and R. Strnad. 2020. Tools for quickly adapting during pandemics, disasters, and other unique events. *Journal of Extension*, 58(2):2tt1.
9. Henderson, J.\*, **R. Parajuli**, and B. Abt. 2020. Biological and market responses of pine forests in the U.S. Southeast to carbon fertilization. *Ecological Economics*, 169: 106491.
10. **Parajuli, R.**, O. Joshi, N. Poudyal, U. Kreuter. 2019. To insure or not to insure? Factors affecting acquisition of prescribed burning insurance coverage. *Rangeland Ecology and Management*, 72:968-975.
11. Cothran, J.W., J.M. Bowker, L.R. Larson, **R. Parajuli**, J.W. Whiting, and G.T. Green. 2019. Fee hikes at state parks in Georgia: Effects on visitation, revenues, welfare, and visitor diversity. *Journal of Park Recreation Administration*, doi: 10.18666/JPra-2019-9726.
12. **Parajuli, R.**, E. McConnell, S. Tanger, and J. Henderson. 2019. Interpreting forestry economic contribution reports: A user's guide. *Journal of Extension*, 57(4):4TOT7.

13. **Parajuli, R.**, S. Tanger, B. Abt, and F. Cubbage. 2019. Subregional timber supply projections with chip-n-saw stumpage: Implications for southern stumpage markets. *Forest Science*, doi: 10.1093/forsci/fxz044.
14. **Parajuli, R.**, O. Joshi, T. Maraseni. 2019. Incorporating forests, agriculture, and energy consumption in the framework of Environmental Kuznets Curve: A dynamic panel data approach. *Sustainability*, 11, 2688; doi: 10.3390/su11092688.
15. Starr, M., O. Joshi, R.E. Will, C.B. Zou, and **R. Parajuli**. 2019. Understanding market opportunities utilizing the forest resources of the Cross-timbers ecoregion. *Journal of Forestry*: 1-8.
16. **Parajuli, R.**, J. Henderson, S. Tanger, O. Joshi, and R. Dahal. 2018. Economic contribution analysis of the forest products industry: A comparison of the two methods for multi-sector contribution analysis using IMPLAN. *Journal of Forestry*, 116(6):513-519.
17. Joshi, O., **R. Parajuli**, G. Kharel, N. Poudyal, and E. Taylor. 2018. Stakeholders' opinions on scientific forest management policy implementation in Nepal. *PLOS ONE*, 13(9):1-15.
18. Tanger, S., and **R. Parajuli**. 2018. Toward an elasticity of Chip-N-Saw: Effects of supply and demand determinants on Chip-N-Saw stumpage quantity and price in Louisiana. *Forests*, 9, 211.
19. **Parajuli, R.**, D. Zhang, and K. Kosman. 2018. Province specific impacts of the 2006 United States-Canada Softwood Lumber Agreement: A seemingly unrelated regression approach. *Forest Policy and Economics*, 90:1-6.
20. Scheller, R.M., and **R. Parajuli**. 2018. Forest management for climate change in New England and the Klamath Ecoregions: Motivations, practices, and barriers. *Forests*, 9, 626.
21. Johnston, C., and **R. Parajuli**. 2017. What's next in the U.S.-Canada softwood lumber dispute? An economic analysis of restrictive trade policy measures. *Forest Policy and Economics*, 85(1):135-146.
22. Henderson, J.E., O. Joshi, **R. Parajuli**, and W.G. Hubbard. 2017. A regional assessment of wood resource sustainability and potential economic impact of the wood pellet market in the U.S. South. *Biomass and Bioenergy*, 105: 421-427.
23. **Parajuli, R.**, and D. Zhang. 2017. Factors affecting demand and supply of the hardwood sawtimber stumpage market in the U.S. South: An econometric study. *Forest Products Journal*, 67(1): 91-100.
24. **Parajuli, R.**, S. Sarangi, S.J. Chang, and R.C. Hill. 2016. The United States-Canada softwood lumber trade: An actual versus optimal export tax. *Forest Policy and Economics*, 73: 112-119.
25. Zhang, and **R. Parajuli**. 2016. Policy impacts estimates in empirical analysis are sensitive to data sample period: Evidence from the United States-Canada lumber trade dispute. *Canadian Journal of Forest Research*, 46(11): 1347-1347.
26. **Parajuli, R.**, S. Tanger, O. Joshi, and J. Henderson. 2016. Modeling prices for timber stumpage in the South-Central Region. *Forests*, 7(7): 148-158.
27. **Parajuli, R.**, and D. Zhang. 2016. Welfare impacts of the 2006 United States-Canada Softwood Lumber Agreement. *Canadian Journal of Forest Research*, 46(7): 950-958.
28. **Parajuli, R.**, D. Zhang, and S.J. Chang. 2016. Modeling stumpage markets using vector error correction versus simultaneous equation estimation approach: A case of the Louisiana Sawtimber Market. *Forest Policy and Economics*, 70: 16-19.

29. **Parajuli, R.**, and D. Zhang. 2016. Price Linkages between Spot and Futures Markets for Softwood Lumber. *Forest Science*, 62(5): 482-489.
30. **Parajuli, R.**, S.J. Chang, and R.C. Hill. 2015. How effective is the United States-Canada softwood lumber agreement 2006?: An econometric study. *Forest Science*, 61(6):1041-1049.
31. **Parajuli, R.**, and S.J. Chang. 2015. The softwood sawtimber stumpage market in Louisiana: Market dynamics, structural break and Vector Error-Correction Model. *Forest Science*, 61(5): 904-913.
32. **Parajuli, R.**, D. Lamichhane, and O. Joshi. 2015. Does Nepal's Community Forestry program improve the rural household economy? A cost-benefit analysis of Community Forest User Groups in Kaski and Syangja districts of Nepal. *Journal of Forest Research*, 20: 475-483.
33. Lamichhane, D., and **R. Parajuli**. 2014. How good is the governance status in community forestry? A case study from mid-hills in Nepal. *Journal of Ecosystems*, 2014: 1-7.
34. **Parajuli, R.**, and S.J. Chang. 2012. Carbon sequestration and uneven-aged management of loblolly pine stands in the Southern USA: A joint optimization approach. *Forest Policy and Economics*, 22: 65-71.
35. **Parajuli, R.**, R.K. Pokharel, and D. Lamichhane. 2010. Social discrimination in community forestry: Socio-economic and gender perspectives. *Banko Janakari*, 20(2): 26-33.

#### **B. Extension Publications, Peer-reviewed**

1. **Parajuli, R.**, and R. Bardon. 2021. Economic contribution of the forest sector in North Carolina, 2019. NC State Extension AG-844 [<https://content.ces.ncsu.edu/economic-contribution-of-the-forest-sector-in-north-carolina>].
2. **Parajuli, R.**, S. Chizmar, M. Megalos, and R. Bardon. 2020. Financial incentives for forest management. WON-04. NC State Extension Forestry [<https://content.ces.ncsu.edu/financial-incentives-for-forest-management>].
3. **Parajuli, R.**, J.E. Fawcett, and L. Kays. 2020. Recent research on perceived risks, legal liabilities, and insurance coverage associated with prescribed burning on private lands. SFE Fact Sheet 2020-2. Southern Fire Exchange.
4. **Parajuli, R.** 2020. The North Carolina sawmill industry: A closer look. NC State Extension. [<https://content.ces.ncsu.edu/the-north-carolina-sawmill-industry-a-closer-look>].
5. **Parajuli, R.** 2020. A closer look at the North Carolina logging industry: Historical trends and impacts of the COVID-19 Pandemic. NC State Extension. [<https://content.ces.ncsu.edu/a-close-look-at-the-north-carolina-logging-industry-historical-trends-and-impacts-of-the-covid-19-p>].
6. **Parajuli, R.**, and R. Bardon. 2020. Economic contribution of the forest sector in North Carolina, 2018. NC State Extension AG-844 [<https://content.ces.ncsu.edu/economic-contribution-of-the-forest-sector-in-north-carolina>].
7. Chizmar, S., **R. Parajuli**, and K. Fontana. 2020. An introduction to forest certification. WON-42. NC State Extension Forestry [<https://content.ces.ncsu.edu/an-introduction-to-forest-certification>].
8. **Parajuli, R.**, and R. Bardon. 2019. Economic contribution of the forest sector in North Carolina, 2017. NC State Extension AG-844 [<https://content.ces.ncsu.edu/economic-contribution-of-the-forest-sector-in-north-carolina>].
9. **Parajuli, R.**, F. Laleicke, and R. Vlosky. 2019. Cross-laminated timber (CLT): An overview and prospects in the U.S. South. *SREF-TT-001*. Southern Regional Extension Forestry publication series.

10. **Parajuli, R.**, M. Megalos, T. Ruseva, S. Chizmar, and M. Fisher. 2019. An introduction to forest carbon offset markets. Eastern Forestry Notes. NC State Extension Forestry [<https://content.ces.ncsu.edu/an-introduction-to-forest-carbon-offset-markets>].
11. **Parajuli, R.**, M.A. Megalos, R. Myers, R. Lipford, R.A. Hamilton, and R. Cook. 2019. Is reforestation a profitable investment? An economic analysis. NC State Extension WON-08 [<https://content.ces.ncsu.edu/is-reforestation-a-profitable-investment>].
12. **Parajuli, R.**, and R. Bardon. 2018. Economic contribution of the forest sector in North Carolina, 2016. NC State Extension AG-844 [<https://content.ces.ncsu.edu/economic-contribution-of-the-forest-sector-in-north-carolina-2016>].
13. **Parajuli, R.**, M. Megalos, and C. Lambert. 2018. Valuing immature forest stands. NC State Extension Woodland Owner Notes WON-63 [<https://content.ces.ncsu.edu/valuing-immature-forest-stands>].
14. **Parajuli, R.**, and F. Laleicke. 2018. Mass timber products: Innovative wood-based building materials. NC State Extension AG-845 [<https://content.ces.ncsu.edu/mass-timber-products-innovative-wood-based-building-materials>].

**C. Extension Publications, Not Peer-reviewed**

1. Chizmar, S., and R. Parajuli. 2021. Current forest carbon markets at a glance. NC State Extension Forestry [<https://content.ces.ncsu.edu/current-forest-carbon-markets-at-a-glance>]
2. **Parajuli, R.** 2021. 2022 Forestry Present Use Valuation numbers, prepared for the NC Department of Revenue. [<https://files.nc.gov/ncdor/documents/files/2022-UVAB-Manual-Final-20210319.pdf>].
3. **Parajuli, R.**, and R. Bardon. 2021. 2019 income of North Carolina Timber harvested and delivered to mills. NC State Extension Forestry [<https://content.ces.ncsu.edu/2019-income-of-north-carolina-timber-harvested-and-delivered-to-mills>].
4. **Parajuli, R.**, L. Boby, B. New. 2020. The vast impacts of North Carolina's forest landowners. State-level forestry infographics. Forest Landowners Association [[https://www.forestlandowners.com/wp-content/uploads/2020/10/NorthCarolina\\_Forest\\_economics\\_infograph\\_2020.pdf](https://www.forestlandowners.com/wp-content/uploads/2020/10/NorthCarolina_Forest_economics_infograph_2020.pdf)].
5. Peters, K., R.E. Bardon, and **R. Parajuli**. 2020. Educational needs assessment of North Carolina non industrial private forest landowners: Preliminary results. NC State Extension Forestry [<https://content.ces.ncsu.edu/educational-needs-assessment-of-north-carolina-non-industrial-private-forest-landowners-preliminary>].
6. **Parajuli, R.**, and J. Jeuck. 2020. Timber management goals through woody biomass harvesting. NC State Extension Forestry [<https://content.ces.ncsu.edu/timber-management-goals-through-woody-biomass-harvesting>].
7. **Parajuli, R.**, and J. Jeuck. 2020. Economics of harvesting woody biomass in North Carolina. NC State Extension Forestry [<https://content.ces.ncsu.edu/economics-of-harvesting-woody-biomass-in-north-carolina>].
8. **Parajuli, R.**, and R. Bardon. 2020. The North Carolina forest sector: Forestry and forest product industries. An infographic. NC State Extension Forestry.
9. **Parajuli, R.**, and R. Bardon. 2020. 2018 income of North Carolina Timber harvested and delivered to mills. NC State Extension Forestry [<https://content.ces.ncsu.edu/nc-timber-income-2018>].
10. Bardon, R.E., **R. Parajuli**, and S. Chizmar. 2019. Economic contribution of the forest sector by North Carolina Congressional district. NC State Extension Forestry

[<https://content.ces.ncsu.edu/economic-contribution-of-the-forest-sector-by-north-carolina-congressional-district>].

11. **Parajuli, R.**, A. Hardwick, and S. Chizmar. 2019. Farm Bill 2018: Programs of interest to forest landowners. NC State Extension Forestry [<https://content.ces.ncsu.edu/whats-in-the-farm-bill-2018-for-forest-landowners?x=77632>].
12. Megalos, M., C. Lambert, and **R. Parajuli**. 2019. Managing forests for biomass potential. NC State Extension [<https://content.ces.ncsu.edu/managing-forests-for-biomass-potential>].
13. Megalos, M., C. Lambert, and **R. Parajuli**. 2019. Air quality and North Carolina wood energy. NC State Extension [<https://content.ces.ncsu.edu/air-quality-and-north-carolina-wood-energy>].
14. Megalos, M., **R. Parajuli**, and C. Lambert. 2019. Sustainable woody Biomass harvesting: minimizing impacts. NC State Extension [<https://content.ces.ncsu.edu/sustainable-woody-biomass-harvesting-minimizing-impacts>].
15. **Parajuli, R.**, and R. Bardon. 2019. 2017 income of North Carolina Timber Harvested and Delivered to Mills. NC State Extension Forestry [<https://content.ces.ncsu.edu/2017-income-of-north-carolina-timber-harvested-and-delivered-to-mills>].
16. **Parajuli, R.**, and E. McConnell. 2019. North Carolina lumber production, consumption, and revenue trends, 1998 to 2016. NC State Extension Forestry [<https://content.ces.ncsu.edu/north-carolina-lumber-production-consumption-and-revenue-trends>].
17. Megalos, M., S. Chizmar, and **R. Parajuli**. 2019. Voluntary conservation options for land protection in North Carolina. WON-31. NC State Extension Forestry [<https://content.ces.ncsu.edu/voluntary-conservation-options-for-land-protection-in-north-carolina>].
18. Bardon, R., **R. Parajuli**, and S. Chizmar. 2019. Economic Contribution of the Forest Sector by North Carolina Congressional District. NC State Extension, Raleigh, NC. Available at [<https://content.ces.ncsu.edu/economic-contribution-of-the-forest-sector-by-north-carolina-congressional-district>].
19. Megalos, M., C. Lambert, **R. Parajuli**, H. Aldridge, L. Bobby, and W. Hubbard. 2018. Resilient Piedmont pines: Risk reduction guide. Eastern Forestry Notes. NC State Extension [<https://content.ces.ncsu.edu/resilient-piedmont-pines-risk-reduction-guide>].
20. **Parajuli, R.** 2016-17. Texas Timber Price Trends (various bi-monthly issues)
21. **Parajuli, R.** 2017. Economic impact analysis of the Texas forest sector 2015.

#### ***D. Publications in National Magazine, Newsletters, and Conference Proceedings***

1. **Parajuli, R.** 2021. The disconnect between pine sawtimber and lumber markets in the Southern United States. N.C. Forest Stewardship News. Spring Issue. [https://ncforestservice.gov/Managing\\_your\\_forest/pdf/stewardship\\_news/FSPSpring2020Newsletter.pdf](https://ncforestservice.gov/Managing_your_forest/pdf/stewardship_news/FSPSpring2020Newsletter.pdf).
2. **Parajuli, R.** 2020. A closer look at the North Carolina logging industry: Historical trends and impacts of the COVID-19 Pandemic. Carolina Logger: Second quarter 2020. A quarterly magazine of the Carolina Loggers Association.
3. Megalos, M., and **R. Parajuli**. 2019. Timber tax updates: Key changes from the 2017 Tax Act. Tree Line, Newsletter of North Carolina Forestry Association, fourth quarter. 12-13.
4. **Parajuli, R.**, A. Hardwick, and S. Chizmar. 2019. Farm Bill 2018: Programs of interest to forest landowners. *National Woodlands*, Magazine of the National Woodland Owners Association, Autumn 2019, 12-13.

5. **Parajuli, R.**, M. Megalos, T. Ruseva, S. Chizmar, and M. Fisher. 2019. An introduction to forest carbon offset markets. National Woodlands, Magazine of the National Woodland Owners Association, Autumn 2019.
6. Cabbage, F., B. Abt, **R. Parajuli**, J. Henderson, and B. Kanieski. 2019. Southern timber markets and prospects. National Woodlands, Magazine of the National Woodland Owners Association, Winter 2019, 25-30.
7. Vlosky, R., **R. Parajuli**, F. Laleicke, M. LeBlanc. 2019. Cross Laminated Timber (CLT) study: Encouraging results. Forest Landowner Magazine Jul/Aug page 27-29.
8. Gale, C.B., R. Vlosky, M.T. LeBlanc, and **R. Parajuli**. 2019. Perceptions, Awareness, and Participation: Sawmills and the CLT market in the South. *The Forestry Source* 24(8): 8-9. Society of American Foresters.
9. **Parajuli, R.** C. Johnston, and B. Abt. 2018. Lumber and timber prices projected to rise with tariffs on Canadian lumber. *The Forestry Source* 23(2): Page 17. February 2018 issue.
10. **Parajuli, R.**, S. Tanger, and J. Henderson. 2018. Timber prices: supply, demand and extenuating circumstances. *Forest Landowner Magazine* Mar/Apr 35-38.
11. **Parajuli, R.** and S. Tanger. 2018. Chip-N-Saw stumpage in the US South: An often-ignored product. *The Forestry Source* 23(12): Page 13-14. December 2018 issue.
12. **Parajuli, R.**, C. Gale, R. Vlosky, and R. O. Martin. 2018. An overview of Cross-Laminated Timber in North America. In Jelacic, D. and R. Vlosky (Eds), *Increasing The Use Of Wood In The Global Bio-Economy*. 12th International Scientific Conference WoodEMA 2018. Publisher: WoodEMA.
13. Chizmar, S., F. Cabbage, E. Sills, R. Abt, **R. Parajuli**, and M. Castillo. 2018. Evaluating complementarity in silvopasture systems. AFTAWEB, Association for Temperate Agroforestry [<http://www.aftaweb.org/138-2018-vol-24-volume-24-no-2-august-2018/236-evaluating-complementarity-in-silvopasture-systems.html>].

### **Grants and Contracts**

#### **Awarded (Total ~\$1M):**

1. **Parajuli, R.**, and E. Sills. 2021. BCS-DISES: Influence of community forestry on the dynamics of integrated socio-environmental systems. University of North Carolina- Chapel Hill (Prime—National Science Foundation (NSF)). **Recommended for funding**. Amount: \$1.6 million (our portion: \$300,000). Period of Service. 12/01/2021-12/31/2024.
2. **Parajuli, R. (PI)**, M. Megalos, R. Branan, and G. Frey. 2020. Challenges and opportunities for agroforestry systems to participate in state preferential property tax programs for agriculture and forestry. University of Nebraska-Lincoln (Prime—USDA NRCS). Amount awarded: \$15,291. Period of Service. 08/01/2020-06/30/2021.
3. Cabbage, F., B. Kanieski Da Silva, and **R. Parajuli**. 2020. Comparative assessment of global wood fiber production prospects. Mississippi State University (Prime--International Paper Company). Amount awarded: \$20,678. Period of Service. 12/01/2020-06/30/2022.
4. Cook, R., and **R. Parajuli**. 2020. Loblolly pine biomass and economic analysis. NCDA Bioenergy Research Initiative. Amount awarded: \$35,000. Period of Service. 04/01/2020-08/31/2022.

5. **Parajuli, R. (PI)**, J. Gordon, S. Mehmood, E. Wiseman, S. Schons, T. Ochuodho, and J. Henderson. 2019. Urban forestry economic analysis in Northeastern Midwest region. Wisconsin Department of Natural Resources. Amount awarded: \$130,000. Period of Service. 07/01/2019-06/30/2022.
6. **Parajuli, R. (PI)**, J. Gordon, S. Mehmood, O. Joshi, and J. Henderson. 2019. Urban forestry economic analysis in Northeastern Midwest region. Wisconsin Department of Natural Resources. Amount awarded: \$160,000. Period of Service. 07/01/2019-06/30/2021.
7. **Parajuli, R. (PI)**, F. Cabbage, and E. Sills. 2019. Evaluating Forest Certification Programs in North Carolina: Stakeholders' Opinions. Faculty Research and Professional Development (FRPD) program, North Carolina State University. Amount awarded: \$4,742. Period of Service. 07/01/2019-06/30/2020.
8. Cabbage, F., B. Kanieski Da Silva, J. Henderson, B. Abt., and **R. Parajuli**. 2019. Stochastic Wood Procurement, Timber Harvest Scheduling, and Timber Supply Modeling. Fiber Supply—University Research Grant, International Paper Company. Amount awarded: \$40,140. Period of Service. 05/15/2019-09/15/2020.
9. Leggett, Z.H., E. Nichols, M. Megalos, S. Nelson, **R. Parajuli**, and L. Rivers. 2019. Forestry for the future: Improving student readiness and workforce participation of underrepresented minority populations in forest resources. USDA-National Institute of Food and Agriculture (NIFA). Amount awarded: \$246,000. Period of Service: 01/01/2019-12/31/2023. **Parajuli, R. (PI)** Updating economic contribution analysis of the forest sector in North Carolina with latest available data. Renewable Resources Extension Act (RREA) funding from the USDA National Institute of Food and Agriculture. Amount awarded: \$4,500. Period of Service. 04/04/2018-08/31/2018.
10. **Parajuli, R. (PI)**, and B. Abt. 2019. Wood supply assessment in North Carolina: Examining market dynamics, resource availability and sustainability. North Carolina Forest Service. Amount awarded: \$80,000. Period of Service. 07/01/2019-06/30/2021.
11. Ruseva, T., M. Madritch, G. Marland, R. Abt, **R. Parajuli (Co-PI)**, and D. Michelson. Exploring the viability of small-scale forest carbon offsets. UNC System Inter-Institutional Planning Grant (IPG) Program-Stage 2 Proposal. Amount awarded: \$73,000 (my portion: \$17,000). Period of Service. 09/01/2018-08/31/2019.

Internal funding

12. **Parajuli, R. (PI)**, K. Oten, S. Chizmar, and C. Lambert. 2021. Planning for unknown: Disasters preparedness and forest resiliency in Eastern NC. Renewable Resources Extension Act (RREA) funding from the USDA National Institute of Food and Agriculture. Amount awarded: \$8,500. Period of Service. 02/01/2021-08/31/2021.
13. **Parajuli, R. (PI)**, C. Lambert, M. Megalos, and H. Watt. 2019. Regional workshops on forest-based alternative income opportunities for landowners. Renewable Resources Extension Act (RREA) funding from the USDA National Institute of Food and Agriculture. Amount awarded: \$14,000. Period of Service. 02/01/2019-08/31/2019.

14. **Parajuli, R. (PI)**. 2018. Updating economic contribution analysis of the forest sector in North Carolina with latest available data. Renewable Resources Extension Act (RREA) funding from the USDA National Institute of Food and Agriculture. Amount awarded: \$4,500. Period of Service. 02/01/2018-08/31/2018.

**Graduate Students Advisees (Chair or co-chair)**

<b>Graduate Student</b>	<b>Degree</b>	<b>Committee Role</b>	<b>Year Graduated</b>
Chizmar, Stephanie	PhD in Forestry	Co-Chair	Summer 2021
Peters, Kristin	M.S. in Forestry	Co-Chair	Spring 2021
Sodiya, Olakunle	M.S. in Forestry	Co-Chair	Spring 2021
Hoy, Morgan	M.S. in Natural Resources	Chair	Summer 2021
Massey, Cameron	M.S. in Forestry	Chair	Current
Lamica, Austin	M.S. in Forestry	Chair	Current
Barnes, Thomas	M.S. in Forestry	Co-Chair	Current
Phillips, Casey	PhD in Forestry	Member	Current
Caslin, Michael	PhD in Forestry	Member	Current
Ratcliff, Abigail	M.S. in Forestry	Member	Current
Bista, Rajesh	PhD in Geography, UNC Chapel Hill	Member	Current

**Presentations**

*Invited and Professional Presentations*

1. **Parajuli, R.** Wood pellets versus pulp and paper: quantifying the impacts of wood pellets on the pine pulpwood markets. **Selected Paper Presentation**. 2021 International Society of Forest Resource Economists virtual conference. May 18, 2021.
2. **Parajuli, R.** Educating landowners on forest based alternative income streams in North Carolina: Program evaluation and lessons learned. **Selected Ignite Presentation**. 2021 Association of Natural Resource Extension Professionals virtual conference. May 24-26, 2021.
3. **Parajuli, R.** Timber markets in South Carolina. **Invited Speaker**. Forest Industries and Timber Markets in SC Webinar. An online workshop organized by Clemson University & Clemson Extension. May 21, 2021.
4. **Parajuli, R.** Managing forests for the better financial returns. **Invited Speaker**. Sustainable Land Retention Project Webinar-Taking Action to Manage Your Land. An online workshop organized by the Sustainable Land Retention Program, Halifax County. June 23, 2021.
5. **Parajuli, R.** Wood pellets versus pulp and paper: State of forest resources in the U.S. South. **Invited Speaker**. Sustainable Production of Fuels and Chemicals from Biomass in the Southeast. An online workshop organized by Georgia Tech University. Sept 23, 2020.

6. **Parajuli, R.** Interpreting forestry economic contribution reports: A user's guide. **Invited Speaker.** Forest Economic Contribution Summit, New Orleans, NC (Presented online). March 10, 2020.
7. **Parajuli, R.** State of forest resources in the U.S. South. **Invited Speaker.** Department of Energy Biomass Research and Development Technical Advisory Committee meeting, New Bern, NC. September 18, 2019.
8. **Parajuli, R.,** and B. Abt. Elasticities in SRTS. **Invited Speaker.** Southern Forest Resource Assessment Consortium annual meeting, Raleigh, NC. July 30-31, 2019.
9. **Parajuli, R.,** R. Vlosky, M. LeBlanc, and C. Gale. Cross-laminated timber (CLT) in the U.S. South: A sawmills' perspective. **Selected Paper.** International Society of Forest Resource Economics (ISFRE) annual meeting, Columbus, OH. May 13-15, 2019.
10. **Parajuli, R.** What do tariffs mean to markets? A case of softwood lumber. **Invited Speaker.** Departmental Seminar Series, Department of Forestry and Environmental Resources, North Carolina State University, Raleigh NC. Mar 25, 2019.
11. Chizmar, S., and **R. Parajuli.** Forest cost-share programs in the U.S. South. **Invited Speaker.** Southern Forest Resource Assessment Consortium annual meeting, Raleigh, NC. July 30-31, 2019.
12. **Parajuli, R.** Recent developments in the U.S.-Canada Softwood Lumber Trade: Impacts of lumber duties on the lumber and timber markets. **Invited Speaker.** Brown Bag Lunch series. USDA Forest Service Research Triangle Park, NC. January 26, 2018.
13. **Parajuli, R.,** and C. Johnston. Impacts of Countervailing Duties and Anti-Dumping Tariffs on the lumber and timber markets. **Selected Paper.** International Society of Forest Resource Economics (ISFRE) annual meeting, Gatlinburg TN. March 19-21, 2018.
14. **Parajuli, R.** Recent developments in the U.S.-Canada Softwood Lumber Trade: Impacts of lumber duties on the lumber and timber markets. **Invited Speaker.** Joint meeting of Michigan Society of American Foresters and Canadian Institute of Forestry in Sault Ste. Marie, MI. April 11, 2018.
15. **Parajuli, R.,** J. Henderson, O. Joshi, and S. Tanger. A demonstration and comparison of two methods for multi-sector contribution analysis using IMPLAN. **Selected Paper.** Association of Natural Resource Extension Professionals (ANREP) 2018 meeting, Biloxi MS. April 29-May 3 2018.
16. Cabbage, F., R. Abt, B. Kanieski, and **R. Parajuli.** Future pine timber supply, demand, and pricing trends: What is required for stumpage prices to increase? **Invited Speaker.** 2018 Forest Landowners Association Meeting, Lake Oconee, GA. June 26-29, 2018.
17. **Parajuli, R.,** and B. Abt. Recent developments in the U.S.-Canada Softwood Lumber Trade: Impacts of lumber duties on the lumber and timber markets. **Invited Speaker.** Southern Forest Resource Assessment Consortium (SOFAC) annual meeting, Durham, NC. August 8-10, 2018.
18. Cabbage, F., R. Abt, B. Kanieski, and **R. Parajuli.** Future pine timber supply, demand, and pricing trends: What is required for stumpage prices to increase? **Invited Speaker.** Southern

Forest Resource Assessment Consortium (SOFAC) annual meeting, Durham, NC. August 8-10, 2018.

19. **Parajuli, R.** Carbon offsets: A viable opportunity for forest landowners? **Invited Speaker.** 2018 Offsets Workshop: carbon offset possibilities for small-scale forest owners, Appalachian State University, Boone, NC. Sept 21, 2018.
20. Vlosky, R.P., **R. Parajuli**, C. Gale, R.O. Martin. An overview of cross-laminated timber in North America. **Selected Paper.** 12th International Scientific Conference WoodEMA, Belgrade Serbia. September 27, 2018.
21. **Parajuli, R.**, and O. Joshi. To insure or not to insure: Factors affecting insurance coverage for prescribed burning in the U.S. **Selected Paper.** Society of American Foresters National Convention, Portland OR. October 3-6, 2018.
22. **Parajuli, R.** and R. Vlosky. Mass timber products: Innovative wood-based building materials. **Invited Speaker.** University of Kentucky Department of Forestry seminar, Lexington, UK. October 24, 2018.
23. Tanger, S., and **R. Parajuli.** An empirical analysis of Chip-N-Saw stumpage market in Louisiana from 2003-2016 using quarterly data. **Selected Paper.** International Society of Forest Resource Economics Annual Meeting, New Orleans, Louisiana. March 13-15, 2017.
24. Edgar, C., and **R. Parajuli.** Elasticities in the Sub-Regional Timber Supply (SRTS) model. **Invited Speaker.** SOFAC Training Workshop in Raleigh, NC, July 28.
25. **Parajuli, R.**, and D. Zhang. 2016. Price Linkages between Spot and Futures Markets for Softwood Lumber. **Selected Paper.** International Society of Forest Resource Economics Annual Meeting in Raleigh, NC, Apr. 3-5, 2016.
26. **Parajuli, R.**, and S.J. Chang. Real assets and inflation: Which real assets hedge inflation? **Selected Paper.** American Agricultural Economics Association Annual Meeting in San Francisco, CA, Jul 26-28, 2015.
27. S.J. Chang, **R. Parajuli**, S. Sarangi, and R.C. Hill. The United States-Canada softwood lumber trade: An actual versus optimal export tax. **Selected Paper.** International Society of Forest Resource Economics Annual Meeting in Vancouver, BC Canada, May 31-June 2, 2014.
28. **Parajuli, R.**, and S.J. Chang. How effective is the United States-Canada softwood lumber trade agreement 2006? A game-theoretic analysis. **Selected Paper.** Society of American Foresters (SAF) national convention in Salt Lake City, UT, Oct 8-11, 2013.
29. **Parajuli, R.**, and S.J. Chang. Effects of demand and supply determinants on softwood stumpage market in Louisiana: an econometric study. **Selected Paper.** 4th Challenges of Natural Resource Economics and Policy (CNREP) meeting in New Orleans, LA, Mar 24-26 2013.
30. **Parajuli, R.**, and S.J. Chang. Factors affecting supply and demand of softwood stumpage market in Louisiana: an econometric study. **Selected Paper.** Southern Forest Economics Workers (SOFEW) annual meeting in Auburn, AL, Mar 10-12, 2013.

31. **Parajuli, R.**, and S.J. Chang. An econometric study of softwood saw-timber stumpage market in Louisiana. **Selected Paper**. Southern Economic Association (SEA) annual meeting in New Orleans, LA, Nov 16-18, 2012.
32. **Parajuli, R.**, and S.J. Chang. An econometric study of softwood saw-timber stumpage market in Louisiana. **Selected Paper**. Society of American Foresters (SAF) national convention in Spokane, WA, Oct 24-28, 2012.
33. **Parajuli, R.**, and S.J. Chang. Carbon sequestration and uneven-aged management of loblolly pine stands in the Southern USA: a joint optimization approach. **Selected Paper**. Society of American Foresters (SAF) national convention in Honolulu, HI, Nov 2-6, 2011.

### **Professional Poster Presentations**

1. Hoy, M., and **R. Parajuli**. The business outlook of the green industry in Northeastern and Midwest states. **Selected Poster**. CNR Graduate Student Research Symposium. March 2021.
2. Paudel, K.P., **R. Parajuli**, D. Bhandari, C. Theegala, and H. Niu. Economic implications of combining poultry litter with wood chips for bio-based energy production in the United States. **Selected Poster**. Southern Agricultural Economic Association Meeting. Louisville, KY. Feb 1-3, 2020.
3. Hoy, M., and **R. Parajuli**. Economic contributions of the “Green Industry” in North Carolina, 2019: Quantifying the importance of the green industry in state economies. **Selected Poster**. CNR Graduate Student Research Symposium. February 2020.
4. Chizmar, S., **R. Parajuli**, R. Bardon, and F. Cabbage. Forest cost-sharing in the U.S. South. **Selected Poster**. MEA and FER Graduate Student Symposium. August 22, 2019.
5. Vlosky, R., M.T. LeBlanc, P. Layton, **R. Parajuli**, O. Espinoza, and C. Gale. Influencer perceptions, use, and understanding of cross-laminated timber in the U.S. South. **Selected Poster**. Fourth Annual Mass Timber Conference, Portland, OR. March 19-21, 2019.
6. Chizmar, S., **R. Parajuli**, B. Bardon, and F. Cabbage. Forest incentive programs in the U.S. South. **Selected Poster**. 2019 CNR Graduate Research Symposium, Raleigh NC. Feb 8, 2019.
7. Chizmar, S., M. Megalos, **R. Parajuli**, M. Fisher, and T. Ruseva. Forest carbon offsets: A viable opportunity for small-scale forest owners. **Selected Poster**. International Society of Forest Resource Economics (**ISFRE**) annual meeting, Columbus, OH. May 13-15, 2019.
8. Hu, M., and **R. Parajuli**. Recent trends in Canadian foreign direct investments on forest products in the United States. **Selected Poster**. 17<sup>th</sup> annual summer undergraduate research and creativity symposium, Raleigh NC. July 31, 2018.
9. **Parajuli, R.**, and S.J. Chang. A game-theoretic analysis of 2006 U.S.–Canada softwood lumber agreement. **Selected Poster**. Southern Forest Economics Workers (SOFEW) annual meeting in Auburn, AL, Mar 10-12, 2013.
10. **Parajuli, R.**, and S.J. Chang. Carbon sequestration and uneven-aged management of loblolly pine stands in the Southern USA: a joint optimization approach. **Selected Poster**. National Workshop on Climate and Forests in Flagstaff, AZ, May 16-18, 2011.
11. **Parajuli, R.**, and S.J. Chang. Carbon sequestration and uneven-aged management of loblolly pine stands in the Southern USA: a joint optimization approach. **Selected Poster**. Southern

Forest Economics Workers (SOFEW) annual meeting in Little Rock, AK, March 20–22, 2011.

### **Extension Programs Developed and Delivered as a Lead Extension Specialist**

1. **Parajuli, R.** Timber marketing: Traditional timber markets, mass timber products, and wood-based biofuels and pellets. A program for forest landowners and County Extension agents in North Carolina. Jan 2018—current.
2. **Parajuli, R., S. Chizmar, K. Oten, and C. Lambert.** Resilient forestry in Eastern North Carolina. A program developed for landowners educating on disaster preparedness and forest resiliency. 2020—current.
3. **Parajuli, R., M. Megalos, C. Lambert, and R.E. Bardon.** Alternative income streams for forest landowners (payments for ecosystem services). A series of trainings for forest landowners and natural resource professionals in North Carolina. 2019.
4. **Parajuli, R.** Economic impact and contribution analyses of the forest sector and forest product industries in North Carolina. A program for forestry stakeholders highlighting the economic significance of the forest sector in the state and county economics. Jan 2018—current.
5. **Parajuli, R., M. Megalos, and C. Lambert.** Financial analysis of timberland investment and valuation. Resources developed for educating forestry communities. Jan 2018—current.
6. Megalos, M., and **R. Parajuli.** Timberland taxation and Present-Use Value (PUV) program in North Carolina. A series of trainings for forest landowners and county tax appraisers. Jan 2018—current.
7. Bardon, R.E., C. Lambert, M. Megalos, **R. Parajuli**, J. Fawcett, R. Strnad, and L. Kays. In-Service training programming for County Extension agents. A series of trainings for Cooperative Extension field faculty to increase their knowledge and skills in developing and delivering forestry-based programs. Jan 2018—current.
8. **Parajuli, R.** Texas timber price trends. A program educating Texas forest landowners and stakeholders about timber markets. May 2016—Dec 2017.
9. **Parajuli, R., E. Taylor, and B. Carraway.** Texas timberland taxation program. May 2016—Dec 2017.
10. **Parajuli, R.** Texas Forest Sector Economic Impact. 2015 State, County, Senate and House districts reporting in Texas. May 2016—Dec 2017.

### **Conferences, Workshops, and Webinars**

#### ***a. Forestry and Natural Resources National Webinars***

1. **Parajuli, R., S. Tanger, and E. McConnell.** 2019. What are forestry economic contribution reports? Making sense of the terms and numbers in economic contribution reports. National Webinar delivered through Forestrywebinars.net. (162 participants)

2. **Parajuli, R.,** M. Megalos, and S. Tanger. 2020. Understanding the financial aspects of woodland management. Woodland Stewards workshop series, a regional Extension program for landowners. (217 participants)
3. **Parajuli, R.,** and R.E. Bardon. 2020. Timber sales: Is it time to sell? Woodland Owner Lunch and Learn Series; NC State Extension Forestry. National Webinar delivered through Forestrywebinars.net. (237 participants)

***b. Other Webinars Organized and Delivered to Natural Resource Professionals***

1. **Parajuli, R.** 2019. Urban forestry economic contribution analysis in the Southern region: Scope of the urban forest sector and analysis methodology in the U.S. South. A webinar delivered in the project partners meeting. Virginia Department of Forestry (25 participants)
2. **Parajuli, R.** 2019. Urban forestry economic contribution analysis in the Northeastern Midwest states: Report templates. A webinar delivered in the project partners meeting. The Wisconsin Department of Natural Resources (40 participants)
3. **Parajuli, R.** 2019. Urban forestry economic contribution analysis in the Northeastern Midwest states: Scope of urban forest industries. A webinar delivered in the project partners meeting. The Wisconsin Department of Natural Resources (40 participants)
4. **Parajuli, R.** 2019. Urban forestry economic contribution analysis in the Northeastern Midwest states: Analysis methodology. A webinar delivered in the project partners meeting. The Wisconsin Department of Natural Resources (40 participants)

***c. Extension Workshops Organized as a Lead Extension Specialist***

1. **Parajuli, R.,** C. Lambert, K. Oten, and S. Chizmar. Disaster preparedness and forest resiliency in eastern NC. A half-day workshop (hybrid). Kenansville, NC. July 20, 2021 (40 attendees)
2. **Parajuli, R.,** C. Lambert, H. Watt, and M. Megalos. Alternative income streams for forest landowners. A daylong workshop (in-class followed by a field tour). Rocky Mount, NC. May 21, 2019 (30 attendees)
3. **Parajuli, R.,** C. Lambert, H. Watt, and M. Megalos. Alternative income streams for forest landowners. A daylong workshop (in-class followed by a field tour). Carthage, NC. May 30, 2019 (21 attendees)
4. **Parajuli, R.,** C. Lambert, H. Watt, and M. Megalos. Alternative income streams for forest landowners. A daylong workshop (in-class followed by a field tour). Statesville, NC. June 4, 2019 (19 attendees)
5. **Parajuli, R.,** C. Lambert, H. Watt, and M. Megalos. Alternative income streams for forest landowners. A daylong workshop (in-class followed by a field tour). Mills River, NC. July 11, 2019 (20 attendees)
6. **Parajuli, R.** Timber Income and Property Tax Workshop. A daylong workshop to educate forest landowners and CPAs about timber tax updates. February 7, 2017 (85 attendees)

*d. County Presentations—Presentations Developed and Delivered in Response to County Level Needs*

1. **Parajuli, R.** Timber markets in North Carolina Piedmont: Market Trends and Projections. Presented at Lee County Landowners Meeting (Online). **Invited Speaker.** Apr 29, 2021 (12 attendees)
2. **Parajuli, R.** Timber markets in Northeastern North Carolina: Recent Developments. Presented at Bertie County Landowners Meeting (Online). **Invited Speaker.** Jan 21, 2021 (14 attendees)
3. **Parajuli, R.** Timber markets in North Carolina: historical trends and future prospects. Presented at Lee County Landowners Meeting, Carthage, NC. **Invited Speaker.** Jan 16, 2020 (15 attendees)
4. Lambert, C., and **R. Parajuli.** Timber markets in Southeastern North Carolina. Presented at Pender County Landowners Meeting, Burgaw, NC. **Invited Speaker.** Jan 27, 2020 (30 attendees)
5. **Parajuli, R.** Timber markets: Current Status and future prospects. Presented at Franklin County Landowners Meeting, Louisberg, NC. **Invited Speaker.** Jan 17, 2019 (40 attendees)
6. **Parajuli, R.** Timber markets updates. Presented at Beaufort County Landowners Meeting, Washington, NC. **Invited Speaker.** Mar 5, 2019 (30 attendees)
7. **Parajuli, R.,** and S. Chizmar. Payments for ecosystem services. Presented at Lee County Landowners Meeting, Samford, NC. **Invited Speaker.** April 18, 2019 (20 attendees)
8. Lambert, C., and **R. Parajuli.** Timber markets in North Carolina. Presented at Wayne County Landowners Meeting, Goldsboro, NC. **Invited Speaker.** Mar 5, 2019 (40 attendees)
9. **Parajuli, R.** and R. Bardon. Timber markets: Demand and supply perspectives. Presented at Northampton County Landowners Meeting. Jackson, NC. **Invited Speaker.** February 15 2018. (200 attendees)
10. **Parajuli, R.** and M. Megalos. Timber markets: Demand and supply perspectives. Presented at Wilson County Landowners Meeting. Wilson, NC. **Invited Speaker.** February 20 2018. (50 attendees)
11. Hazel, D. and **R. Parajuli.** Market trends: current conditions and future trends. Presented at Bertie County Landowners Meeting. Windsor, NC. **Invited Speaker.** March 1 2018. (80 attendees)
12. **Parajuli, R.** Understanding timber markets: current status and future outlook. Presented at Edgecombe County Landowners Meeting, Rocky Mount, NC. **Invited Speaker.** March 27 2018 (80 attendees)
13. **Parajuli, R.** Timber markets: Current Status and future prospects. Presented at Pender County Landowners Meeting, Burgaw, NC. **Invited Speaker.** July 10 2018 (30 attendees)
14. **Parajuli, R.** Timber markets: Current Status and future prospects. Presented at Johnston County Landowners Meeting, Smithfield, NC. **Invited Speaker.** Nov 6 2018 (40 attendees)

*e. Other In-state Invited Presentations*

1. **Parajuli, R.** COVID-19 impacts to forestry and the NC forest product industry. Region 1 consulting forester meeting. An online workshop organized by the North Carolina Forest Service. June 24, 2021.

2. **Parajuli, R.** Forest product industry in North Carolina. Present Use Valuation (PUV) seminar (virtual), organized by the North Carolina Department of Revenue. Apr 13-14, 2021.
3. **Parajuli, R.** 2020. Timber markets in North Carolina. Culp Lumber Company Foresters meeting, New London, NC. March 3, 2020 (120 attendees).
4. **Parajuli, R.** Southern timber markets: Current status and future prospects. Invited Speaker. Hofmann Forest CFE's with RMS and CNR, Jacksonville, NC. Feb 15, 2019 (71 attendees)
5. **Parajuli, R.** Timber markets: trends and prospects. Invited Speaker. North Carolina Association of Consulting Foresters Spring Meeting, Dunn, NC. April 12, 2019 (120 attendees)
6. **Parajuli, R.** Understanding carbon trading and markets. Presented in the Alternative Income Streams for Forest Landowners Workshop, Carthage, NC. June 4, 2019 (21 attendees)
7. **Parajuli, R.** Forests in North Carolina: Markets and the Economy. Invited Speaker. North Carolina Forest Service Region 2 CFE meeting, Smithfield, NC. June 10 2019 (80 attendees).
8. **Parajuli, R.** 2019. Making sense of local timber markets in North Carolina. Regional Society of American Foresters Meeting, Carthage, NC. September 10, 2019 (25 attendees).
9. **Parajuli, R.** Economic contribution of the NC forest sector, 2016. Presented at the annual meeting of retired foresters, Garner NC. Invited Speaker. June 6 2018. (15 attendees)
10. Megalos, M. and **R. Parajuli.** Economic contribution of NC forest sector-2016. Presented at the Present-Use Valuation Update meeting. Charlotte, NC. June 21 2018. (100 attendees)

### **Honors and Awards**

- **Poster Award (third)**, 2020 Southern Agricultural Economics Meeting, Louisville, KY
- **2018 Award for Excellence** in the category of Extension Publication (other than newsletters) from Southern Regional Extension Forestry
- **2018 Award for Excellence** in the category of Journal Publication from Southern Regional Extension Forestry
- **Graduate School Travel Award**, LSU 2015
- **Finalist**, Young Professional Program, The World Bank 2015
- **Graduate Student Merit Honor Roll**, LSU Chapter of Gamma Sigma Delta, 2013
- **Gilbert Foundation Assistantship**, School of Renewable Natural Resources, LSU, Aug 2011–Present
- **Gilbert Foundation Travel Grant**, School of Renewable Natural Resources, LSU to attend Society of American Foresters National Convention, Spokane, Nov 2012
- **Glasgow Travel Grant**, School of Renewable Natural Resources, LSU to attend Society of American Foresters National Convention, Hawaii, Nov 2011
- **Society of American Foresters Travel Grant** to attend National Workshop on Climate and Forests, Flagstaff, AZ, May 2011
- **Best Poster Award**, Southern Forest Economics Workers Annual Meeting, Little Rock, AK, Mar 2011
- **Jeffrey Bouton Memorial Scholarship**, LSU from Jan 2010 - Dec 2011

## **Professional Activities**

### **Department Service**

- Member, Diversity, Equity and Inclusion committee, Department of Forestry and Environmental Resources, NCSU 2020-2021.
- Chair, Search Committee, Assistant Extension Professor of forest management

### **College Service**

- Judge, poster and 3-minute competition, 2021 CNR Graduate Research Symposium, Raleigh NC
- Judge, poster competition, 2020 CNR Graduate Research Symposium, Raleigh NC
- Judge, poster competition, 2019 CNR Graduate Research Symposium, Raleigh NC

### **University Service**

- Member, Search committee, Deputy Director of Extension and State Program Leader for Agriculture, Natural Resources, and Community Resource Development
- Graduate School Representative for general exams of PhD students, 2018-present

### **Memberships and Affiliations**

Association of Natural Resource Extension Professionals, Xi Sigma Pi, Society of American Foresters, International Society of Forest Resource Economics.

### **Synergetic Activities**

- Advisory member, the social sciences team of the Forest Health Research and Education Center (FHC) at University of Kentucky
- Editorial board member, Woodland Owner Notes eNewsletter, a monthly publication of NCSU Extension Forestry
- Topic Editorial Board member, *Forests*, MDPI journal.
- Editorial board member, Newsflash, a bi-monthly publication of Nepali Academics in America (NACA)

### **Manuscript Referee**

American Journal of Agricultural Economics, Bioproducts Business Review, Canadian Journal of Forest Research, Forest Policy and Economics, Forest Products Journal, Forest Science, Forests, Frontiers in Forests and Global Change, Journal of Environmental Management, Journal of Forestry, Journal of Park Recreation and Administration, Land Use Policy, Landscape and Urban Planning, **Nature Communications**, Natural Resource Modeling, Silva Fennica, Sustainability, World Development

**Grant Proposal Reviewer**  
South Carolina Sea Grant, Mississippi State University