

## Selected External Publications by NCASI Staff and Cooperators

2017

- Arismendi, I., J. D. Groom, M. Reiter, S. L. Johnson, L. Dent, M. Meleason, A. Argerich, and A. E. Skaugset. 2017. Suspended sediment and turbidity after road construction/improvement and forest harvest in streams of the Trask River Watershed Study, Oregon. *Water Resources Research* 53:6763–6783. <https://dx.doi.org/10.1002/2016WR020198>
- Conrad, J.L., M.C. Demchik, M.M. Vokoun, A.M. Evans, and M.P. Lynch. 2017. Foresters' perceptions of the frequency, cost, and rationale for seasonal timber harvesting restrictions in Wisconsin. *Forest Science* 63(3):331-341. <https://doi.org/10.5849/forsci.2016-051>
- Conrad, J.L., M.M. Vokoun, S.P. Prisley and M.C. Bolding. 2017. Barriers to logging production and efficiency in Wisconsin. *International Journal of Forest Engineering* 28(1):57-65. <https://dx.doi.org/10.1080/14942119.2017.1246890>
- Danehy R.J., R.E. Bilby, S. Owen, S.D. Duke, and A. Farrand. 2017. Interactions of baseflow habitat constraints: Macroinvertebrate drift, stream temperature, and physical habitat for anadromous salmon in the Calapooia River, Oregon. *Aquatic Conservation: Marine and Freshwater Ecosystems*. <https://doi.org/10.1002/aqc.2756>
- Demarais, S., J. P. Verschuyf, G. J. Roloff, D. A. Miller, and T. B. Wigley. 2017. Tamm review: Terrestrial vertebrate biodiversity and intensive forest management in the U.S. *Forest Ecology and Management* 385:308–330. <https://doi.org/10.1016/j.foreco.2016.10.006>
- Denryter, K.A. R.C. Cook, J.G. Cook, and K.L. Parker. 2017. Straight from the caribou's (Rangifer tarandus) mouth: Detailed observations of tame caribou reveal new insights into summer–autumn diets. *Canadian Journal of Zoology*. <http://dx.doi.org/10.1139/cjz-2016-0114>
- Dietzen, C.A., E.R.G. Marques, J.N. James, R.H.A. Bernardi, S.M. Holub, and R.B. Harrison. 2017. Response of deep soil carbon pools to forest management in a highly productive Andisol. *Soil Science Society of America Journal* 81(4):970-978. <https://doi.org/10.2136/sssaj2016.09.0305>
- Donner, D.M., T.B. Wigley, and D.A. Miller. 2017. Forest biodiversity and woody biomass harvesting. Chapter 11 in *2016 billion-ton report: Advancing domestic resources for a thriving bioeconomy, Volume 2: Environmental sustainability effects of select scenarios from Volume 1*, ed. R.A. Efroymsen, M.H. Langholtz, K.E. Johnson, and B.J. Stokes, 397-447. ORNL/TM-2016/727. Oak Ridge, TN: U.S. Department of Energy, Oak Ridge National Laboratory. [https://energy.gov/sites/prod/files/2017/03/f34/2016\\_billion\\_ton\\_report\\_volume\\_2\\_chapter\\_11\\_2.pdf](https://energy.gov/sites/prod/files/2017/03/f34/2016_billion_ton_report_volume_2_chapter_11_2.pdf)
- Fritts, S.R., C.E. Moorman, S.M. Grodsky, D.W. Hazel, J.A. Homyack, C.B. Farrell, S.B. Castleberry, E.H. Evans, and D.U. Greene. 2017. Rodent response to harvesting woody biomass for bioenergy production. *The Journal of Wildlife Management* 81(7):1170–1178. <https://doi.org/10.1002/jwmg.21301>

- Geary, A.B., E.H. Merrill, J.G. Cook, R.C. Cook, and L.L. Irwin 2017. Elk nutritional resources: Herbicides, herbivory and forest succession at Mount St. Helens. *Forest Ecology and Management* 401:242–254. <https://doi.org/10.1016/j.foreco.2017.06.028>
- Greene, R.E., R.B. Iglay, O. Kristine, D.A. Evans, and B. Wigley. 2017. Conserving open pine wildlife communities in commercial pine stands. Landscape Conservation Cooperative Network. [https://lccnetwork.org/sites/default/files/Resources/Beyond%20wood%20products-managed%20pine%20and%20wildlife\\_2.pdf](https://lccnetwork.org/sites/default/files/Resources/Beyond%20wood%20products-managed%20pine%20and%20wildlife_2.pdf)
- Grinde, A.R., G.J. Niemi, C. Adams, and T.B. Wigley. 2017. The important role of young forests in forest biodiversity management. *The Forestry Source* 22(2):12-13.
- Hensley, R.T., D.L. McLaughlin, M.J. Cohen, and P.H. Decker. 2017. Stream phosphorus dynamics of minimally impacted coastal plain watersheds. *Hydrological Processes* 31(8):1636–1649. <http://dx.doi.org/10.1002/hyp.11132>
- Kroll, A.J., J. Verschuyf, J. Giovanini, and M.G. Betts. 2017. Assembly dynamics of a forest bird community depend on disturbance intensity and foraging guild. *Journal of Applied Ecology* 54(3):784–793. <https://doi.org/10.1111/1365-2664.12773>
- Lang, A.J., W.M. Aust, M.C. Bolding, K.J. McGuire, and E.B. Schilling 2017. Comparing sediment trap data with erosion models for evaluation of forest haul road stream crossing approaches. *Transactions of the American Society of Agricultural and Biological Engineers* 60(2): 393-408. <https://dx.doi.org/10.13031/trans.11859>
- Lang, A.J., W.M. Aust, M.C. Bolding, K.J. McGuire, and E.B. Schilling. 2017. Forestry best management practices for erosion control in haul road ditches near stream crossings. *Journal of Soil and Water Conservation* 72(6):607-618. <https://dx.doi.org/10.2489/jswc.72.6.607>
- Larsen, A.L. 2017. How does behavior drive population and community dynamics of rodents? Dissertation. University of North Carolina at Greensboro, Greensboro, NC.
- Loehle, C. 2017. Biomechanical constraints on tree architecture. *Trees* 30(6):2061-2070. <http://dx.doi.org/10.1007/s00468-016-1433-2>
- Loehle, C. 2017. The epistemological status of general circulation models. *Climate Dynamics* pp 1–13. <https://dx.doi.org/10.1007/s00382-017-3717-7>
- Loehle, C. and N. Arghami. 2017. Bounded random walks as a null model for evaluating population trends. *Population Ecology*. Published online: March 3, 2017. <http://dx.doi.org/10.1007/s10144-017-0574-5>
- Loehle, C. and P. Weatherford. 2017. Detecting population trends with historical data: Contributions of volatility, low detectability, and metapopulation turnover to potential sampling bias. *Ecological Modelling* 362:13–18. <https://doi.org/10.1016/j.ecolmodel.2017.08.021>
- Louch, J., V. Tatum, G. Allen, V. C. Hale, J. McDonnell, R. J. Danehy, and G. Ice. 2017. Potential risks to freshwater aquatic organisms following a silvicultural application of

- herbicides in Oregon's Coast Range. *Integrated Environmental Assessment and Management* 13(2): 396–409. <https://dx.doi.org/10.1002/ieam.1781>
- McLaughlin, D.B. and K.H. Reckhow. 2017. A Bayesian network assessment of macroinvertebrate responses to nutrients and other factors in streams of the Eastern Corn Belt Plains, Ohio, USA. *Ecological Modelling* 345: 21-29. <http://dx.doi.org/10.1016/j.ecolmodel.2016.12.004>
- Neaves, C.M. III, W.M. Aust, M.C. Bolding, S.M. Barrett, C.C. Trettin, E. Vance. 2017. Soil properties in site prepared loblolly pine (*Pinus taeda* L.) stands 25 years after wet weather harvesting in the lower Atlantic coastal plain. *Forest Ecology and Management* 404:344–353. <https://doi.org/10.1016/j.foreco.2017.08.015>
- Parrish, M.C., S. Demarais, A.W. Ezell, T.B. Wigley, P.D. Jones, and S.K. Riffell. 2017. Retained vegetation density of streamside management zones and stringers in southern intensively managed pine forests. *Forest Ecology and Management* 397:89–96. <https://doi.org/10.1016/j.foreco.2017.04.024>
- Rivers, J.W., J.L. Houtz, M.G. Betts, and B.M. Horton. 2017. No evidence for a link between forest herbicides and offspring sex ratio in a migratory songbird using high-throughput molecular sexing. *Conservation Physiology*. <https://doi.org/10.1093/conphys/cox054>
- Root, H.T., J. Verschuyt, T. Stokely, P. Hammond, M.A. Scherr, and M.G. Betts. 2017. Plant diversity enhances moth diversity in an intensive forest management experiment. *Ecological Applications* 27(1):134–142. <https://doi.org/10.1002/eap.1426>
- Steel, E. A., A. Muldoon, R.L. Flitcroft, J.C. Firman, K.J. Anlauf-Dunn, K.M. Burnett, and R.J. Danehy. 2017. Current landscapes and legacies of land-use past: Understanding the distribution of juvenile coho salmon (*Oncorhynchus kisutch*) and their habitats along the Oregon Coast, USA. *Canadian Journal of Fisheries and Aquatic Sciences*. 74(4): 546-561. <http://dx.doi.org/10.1139/cjfas-2015-0589>
- Tatum, V.L., C. R. Jackson, M.W. McBroom, B.R. Baillie, E.B. Schilling, and T.B. Wigley. 2017. Effectiveness of forestry best management practices (BMPs) for reducing the risk of forest herbicide use to aquatic organisms in streams. *Forest Ecology and Management* 404:258–268. <https://doi.org/10.1016/j.foreco.2017.08.046>
- Warrington, B.M., W.M. Aust, S.M. Barrett, W.M. Ford, C.A. Dolloff, E.B. Schilling, T.B. Wigley, and M.C. Bolding 2017. Forestry best management practices relationships with aquatic and riparian fauna: A review. *Forests* 8(9):331. <https://dx.doi.org/10.3390/f8090331>

## 2016

- Bladon, K.D., N.A. Cook, J.T. Light, and C. Segura. 2016. A catchment-scale assessment of stream temperature response to contemporary forest harvesting in the Oregon Coast Range. *Forest Ecology and Management* 379:153-164. <https://doi.org/10.1016/j.foreco.2016.08.021>
- Cook, J.G., R.C. Cook, R.W. Davis, and L.L. Irwin. 2016. Nutritional ecology of elk during summer and autumn in the Pacific Northwest. *Wildlife Monographs* 195:1–81. <http://dx.doi.org/10.1002/wmon.1020>
- Cristan, R., W.M. Aust, M.C. Bolding, S.M. Barrett, J.F. Munsell, and E. Schilling. 2016. Effectiveness of forestry best management practices in the United States: Literature review. *Forest Ecology and Management* 360:133–151. <http://dx.doi.org/10.1016/j.foreco.2015.10.025>
- Danehy, R.J. and A.R. Moldenke. 2016. Natural and anthropogenic disturbance influences on aquatic biological diversity in the Pacific Northwest. *Environment and Ecology Research* 4(3): 169-174. <http://dx.doi.org/10.13189/eer.2016.040309>
- Danehy, R.J., E.R. Moberly, P.L. Reber, S. Swanson, S. Liebhardt, and J. Sheahan. 2016. Stability and thermal impacts of channel-spanning boulder weirs in Mosby Creek. *Northwest Science* 90(4):411-420. <https://doi.org/10.3955/046.090.0403>
- Fritts, S., C. Moorman, S. Grodsky, D. Hazel, J. Homyack, C. Farrell, and S. Castleberry. 2016. Do biomass harvesting guidelines influence herpetofauna following harvests of logging residues for renewable energy?. *Ecological Applications* 26(3):926–939. <https://doi.org/10.1890/14-2078>
- Gaudreault, C., T.B. Wigley, M. Margni, J. Verschuyf, K. Vice, and B. Titus. 2016. Addressing biodiversity impacts of land use in life cycle assessment of forest biomass harvesting. *WIREs Energy and Environment* 5(6):670–683. <http://dx.doi.org/10.1002/wene.211>
- Greene, R.E., R.B. Iglay, K.O. Evans, D.A. Miller, T.B. Wigley, and S.K. Riffell. 2016. A meta-analysis of biodiversity responses to management of southeastern pine forests - Opportunities for open pine conservation. *Forest Ecology and Management* 360:30–39. <http://dx.doi.org/10.1016/j.foreco.2015.10.007>
- Grodsky, S.M. 2016. How good is downed wood? Avian and invertebrate use of harvest residues and the implications of forest-based bioenergy. Dissertation. North Carolina State University, Raleigh, NC. xi + 156 pp. <http://dx.doi.org/10.13140/RG.2.1.3173.8483>
- Grodsky, S.M., C.E. Moorman, S.R. Fritts, S.B. Castleberry, and T.B. Wigley. 2016. Breeding, early-successional bird response to forest harvests for bioenergy. *PLoS ONE* 11(10):e0165070. <https://doi.org/10.1371/journal.pone.0165070>
- Grodsky, S.M., C.E. Moorman, S.R. Fritts, D.W. Hazel, J.A. Homyack, S.B. Castleberry, and T.B. Wigley. 2016. Winter bird use of harvest residues in clearcuts and the implications of forest bioenergy harvest in the southeastern United States. *Forest Ecology and Management* 379:91-101. <https://doi.org/10.1016/j.foreco.2016.07.045>
- Hale, C.V. and J.J. McDonnell. 2016. Effect of bedrock permeability on stream baseflow mean transit time scaling relations: A multi-scale catchment intercomparison. *Water Resources Research* 52: 1358–1374. <http://dx.doi.org/10.1002/2014WR016124>

- Hale, V.C., J.J. McDonnell, M.K. Stewart, D.K. Solomon, J. Doolittle, G.G. Ice, and R.T. Pack. 2016. Effect of bedrock permeability on stream base flow mean transit time scaling relationships: 2. Process study of storage and release. *Water Resources Research* 52(2):1375-1397. <https://doi.org/10.1002/2015WR017660>
- Hernández, J., A. del Pino, E.D. Vance, Á. Califra, F. Del Giorgio, L. Martínez, and P. González-Barríos. 2016. *Eucalyptus* and *Pinus* stand density effects on soil carbon sequestration. *Forest Ecology and Management* 368:28-38. <https://doi.org/10.1016/j.foreco.2016.03.007>
- Homyack, J.A., C.J. O'Bryan, J.E. Thornton, R.F. Baldwin. 2016. Community occupancy of herpetofauna in roadside ditches in a managed pine landscape. *Forest Ecology and Management* 361 (2016) 346–357. <http://dx.doi.org/10.1016/j.foreco.2015.11.037>
- Johnson, B.A., K. Barrett, J.A. Homyack, and R.F. Baldwin. 2016. Anuran occupancy and breeding site use of aquatic systems in a managed pine landscape. *Forest Ecology and Management* 368:45-54. <https://doi.org/10.1016/j.foreco.2016.03.004>
- Lang, A.J., R. Cristan, W.M. Aust, M.C. Bolding, B.D. Strahm, E.D. Vance, and E.T. Roberts Jr. 2016. Long-term effects of wet and dry site harvesting on soil physical properties mitigated by mechanical site preparation in coastal plain loblolly pine (*Pinus taeda*) plantations. *Forest Ecology and Management* 359:162–173. <http://dx.doi.org/10.1016/j.foreco.2015.09.034>
- Larsen, A.L., J.A. Homyack, T.B. Wigley, D.A. Miller, and M.C. Kalcounis-Rueppell. 2016. Effects of habitat modification on cotton rat population dynamics and rodent community structure. *Forest Ecology and Management* 376:238-246. <https://doi.org/10.1016/j.foreco.2016.06.018>
- Loehle, C. 2016. Biomechanical constraints on tree architecture. *Trees* 30(6):2061–2070. <http://dx.doi.org/10.1007/s00468-016-1433-2>
- Loehle, C., C. Idso, and T.B. Wigley. 2016. Physiological and ecological factors influencing recent trends in United States forest health responses to climate change. *Forest Ecology and Management* 363:179–189. <https://doi.org/10.1016/j.foreco.2015.12.042>
- Lorenz, T.J., M.G. Raphael, and T.D. Bloxton, Jr. 2016. Marine habitat selection by marbled murrelets (*Brachyramphus marmoratus*) during the breeding season. *PLoS ONE* 11(9):e0162670. <https://dx.doi.org/10.1371/journal.pone.0162670>
- Messick, E.J. 2016. Breeding season avian community composition and prey availability in eucalyptus and slash pine plantations of southwestern Louisiana. Thesis. Stephen F. Austin State University, Nacogdoches, TX. <http://scholarworks.sfasu.edu/etds/49/>
- Moriarty, K.M., J.D. Bailey, S.E. Smythe, and J. Verschuyt. 2016. Distribution of Pacific Marten in coastal Oregon. *Northwestern Naturalist* 97(2):71-81. <https://doi.org/10.1898/NWN16-01.1>
- Morris, B. C., M. C. Bolding, W. M. Aust, K. J. McGuire, E. B. Schilling, and J. Sullivan. 2016. Differing levels of forestry best management practices at stream crossing structures affect sediment delivery and installation costs. *Water* 8(3)92:1-18. <https://doi.org/10.3390/w8030092>

- O'Bryan, C.J., J.A. Homyack, R.F. Baldwin, Y. Kanno, and A.L. Harrison. 2016. Novel habitat use supports population maintenance in a reconfigured landscape. *Ecosphere* 7(3)e01228:1-15. <https://doi.org/10.1002/ecs2.1228>
- Premer, M.I., R.E. Froese, C.R. Webster, and L.M. Nagel. 2016. Vegetation response to logging residue removals in Great Lakes aspen forests: Long-term trends under operational management. *Forest Ecology and Management* 382:257–268. <https://doi.org/10.1016/j.foreco.2016.09.048>
- Schilling, E.B. 2016. Symposium on forestry best management practice (BMP) effectiveness in the Eastern United States. *Journal of Forestry* 114(1):7-8. <https://doi.org/10.5849/jof.15-139>
- Silvis, A., R.W. Perry, and W.M. Ford. 2016. *Relationships of three species of bats impacted by white-nose syndrome to forest condition and management*. General Technical Report SRS–214. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station. [https://www.srs.fs.usda.gov/pubs/gtr/gtr\\_srs214.pdf](https://www.srs.fs.usda.gov/pubs/gtr/gtr_srs214.pdf)
- Wiersma, Y.F. and D.J.H. Sleep. 2016. A review of applications of the six-step method of systematic conservation planning. *The Forestry Chronicle* 92(3). <http://dx.doi.org/10.5558/tfc2016-059>

## 2015

- Aust, W.M., M.C. Bolding, and S.M. Barrett. 2015. Best management practices for low-volume forest roads in the Piedmont Region: Summary and implications of research. *Transportation Research Record* 2472:51–55. <http://dx.doi.org/10.3141/2472-06>
- Bender, M.J., S.B. Castleberry, D.A. Miller, and T.B. Wigley. 2015. Site occupancy of foraging bats on landscapes of managed pine forest. *Forest Ecology and Management* 336:1–10. <http://dx.doi.org/10.1016/j.foreco.2014.10.004>
- Bilby R.E., R.J. Danehy, and K.K. Jones. 2015. Woodless rivers in the middle of forests. In *Wood in world rivers. Proceedings of the third international conference*, ed. L. Picco, M.A. Lenzi, W. Bertoldi, F. Comiti, E. Rigon, A. Tonon, A. García-Rama, D. Ravazzolo, and R. Rainato, 83-85. Padova, Italy.
- Blazier, M.A., T.R. Clason, H.O. Liechty, Z.H. Leggett, E.B. Sucre, S.D. Roberts, K. Krapfl, and E.D. Vance. 2015. Nitrogen and carbon of switchgrass, loblolly pine, and cottonwood biofuel production systems in the Southeast United States. *Forest Science* 61(3):522–534. <http://dx.doi.org/10.5849/forsci.14-016>
- Boves, T.J., A.D. Rodewald, P.B. Wood, D.A. Buehler, J.L. Larkin, T.B. Wigley, and P.D. Keyser. 2015. Habitat quality from individual-and population-level perspectives and implications for management. *Wildlife Society Bulletin* 39(2):443-447. <http://dx.doi.org/10.1002/wsb.528>
- Campbell, T.N., P.D. Jones, S. Demarais, and A.W. Ezell. 2015. Vegetation communities in intensively established loblolly pine plantations at crown closure. *Journal of Forestry* 113(3):298-307. <http://dx.doi.org/10.5849/jof.14-042>
- Dahlen, J., F. Antony, A. Li, K. Love-Myers, L. Schimleck, and E.B. Schilling. 2015. Time-domain reflectometry for the prediction of loblolly pine and sweetgum moisture content. *BioResources* 10(3):4947-4960. <http://dx.doi.org/10.15376/biores.10.3.4947-4960>
- Foggia, J.R. 2015. Implications of stand adjacency and edge for birds in a managed forest ecosystem. M.S. Thesis. Mississippi State University, Mississippi State, MS.
- Fritts, S.R., S.M. Grodsky, D.W. Hazel, J.A. Homyack, S.B. Castleberry, and, C.E. Moorman. 2015. Quantifying multi-scale habitat use of woody biomass by southern toads. *Forest Ecology and Management* 346:81-88. <http://dx.doi.org/10.1016/j.foreco.2015.03.004>
- Fritts, S.R., C.E. Moorman, S.M. Grodsky, D.W. Hazel, J.A. Homyack, C.B. Farrell, and S.B. Castleberry. 2015. Shrew response to variable woody debris retention: Implications for sustainable forest bioenergy. *Forest Ecology and Management* 336:35-43. <http://dx.doi.org/10.1016/j.foreco.2014.10.009>
- Irwin, L.L., D.F. Rock, S.C. Rock, C. Loehle, and P. Van Deusen. 2015. Forest ecosystem restoration: Initial response of spotted owls to partial harvesting. *Forest Ecology and Management* 354:232–242. <http://dx.doi.org/10.1016/j.foreco.2015.06.009>
- Johnson, B.A. 2015. Occupancy and community characteristics of ephemeral aquatic systems in managed forests of the southeastern Atlantic Coastal Plain. M.S. Thesis. Clemson University,

Clemson, SC.

[http://tigerprints.clemson.edu/cgi/viewcontent.cgi?article=3123&context=all\\_theses](http://tigerprints.clemson.edu/cgi/viewcontent.cgi?article=3123&context=all_theses)

Kenney, J.T. 2015. Factors that affect fuel consumption and harvesting cost. M.S. Thesis. Auburn University, Auburn, AL.

Loehle, C. 2015. Global temperature trends adjusted for unforced variability. *Universal Journal of Geoscience* 3(6):183-187. <http://www.hrpub.org/download/20151130/UJG1-13905038.pdf>

Loehle, C., L. Irwin, B.F.J. Manly, and A. Merrill. 2015. Range-wide analysis of northern spotted owl nesting habitat relations. *Forest Ecology and Management* 342:8–20. <http://dx.doi.org/10.1016/j.foreco.2015.01.010>

Loehle, C. and D.J.H. Sleep. 2015. Use and application of range mapping in assessing extinction risk in Canada. *Wildlife Society Bulletin* 39(3):658-663. <http://dx.doi.org/10.1002/wsb.574>

Marchman, S.C., M. Miwa, W.B. Summer, S. Terrell, D.G. Jones, S.L. Scarbrough, and C.R. Jackson. 2015. Clearcutting and pine planting effects on nutrient concentrations and export in two mixed use headwater streams: Upper Coastal Plain, Southeastern USA. *Hydrological Processes* 29(1):13-28. <http://dx.doi.org/10.1002/hyp.10121>

Nolan, L., W.M. Aust, S.M. Barrett, M.C. Bolding, K. Brown, and K. McGuire. 2015. Estimating costs and effectiveness of upgrades in forestry best management practices for stream crossings. *Water* 7:6946–6966. <http://dx.doi.org/10.3390/w7126668>

Premer, M. I. 2015. Evaluating the long-term effects of logging residue removals in Great Lakes aspen forests. Ph.D. Dissertation. Michigan Technological University, Houghton, MI.

Raybon, H., L. Schimleck, K. Love-Myers, F. Antony, J. Sanders, R. Daniels, E. Andrews, and E. Schilling. 2015. Examination of the potential to reduce water application rates in pine wet decks. *TAPPI Journal* 14(10):672-679.

Roesch, F.A., J.W. Coulston, P.C. Van Deusen, and R. Podlaski. 2015. Evaluation of image-assisted forest monitoring: A simulation. *Forests* 2015(6):2897-2917. <http://dx.doi.org/10.3390/f6092897>

Scarbrough, S.L., C.R. Jackson, S. Marchman, G. Allen, J. Louch, and M. Miwa. 2015. Herbicide concentrations in first-order streams after routine application for competition control in establishing pine plantations. *Forest Science* 61:604–612. <http://dx.doi.org/10.5849/forsci.14-051>

Schweinle, J., A. Rödl, P. Börjesson, D.G. Neary, J.W.A. Langeveld, G. Berndes, A. Cowie, S. Ahlgren, M. Margni, C. Gaudreault, J. Verschuyt, T.B. Wigley, K. Vice, and B. Titus. 2015. *Assessing the environmental performance of biomass supply chains: Methods, results, challenges and limitations*. IEA Bioenergy Task 43. Report 2015:TR01. International Energy Agency. <http://www.fs.fed.us/rmrs-beta/publications/assessing-environmental-performance-biomass-supply-chains-methods-results-challenges>

Sloan, J. 2015. Demography of the gopher tortoise population at the Plum Creek Gopher Tortoise Management Unit in Richton, MS. M.S. Thesis. William Carey University, Hattiesburg, MS.



Van Deusen, P.C., and F.A. Roesch. 2015. Plot intensity and cycle-length effects on growth and removals estimates from forest inventories. *Mathematical and Computational Forestry and Natural-Resource Sciences* 7:33-38.

[http://mcfns.com/index.php/Journal/article/view/MCFNS7.1\\_4/MCFNS7\\_4](http://mcfns.com/index.php/Journal/article/view/MCFNS7.1_4/MCFNS7_4)

## 2010-2014

- Albaugh, T. J., E.D. Vance, C. Gaudreault, T.R. Fox, H.L. Allen, J.L. Stape, and R.A. Rubilar. 2012. Carbon emissions and sequestration from fertilization of pine in the southeastern United States. *Forest Science* 58(5):419-429. <http://dx.doi.org/10.5849/forsci.11-050>
- Betts, M.G., J.P. Verschuyf, J. Giovanini, and A.J. Kroll. 2013. Initial effects of herbicides on bird abundance in plantation forests. *Forest Ecology and Management* 310: 1036–1044. <http://dx.doi.org/10.1016/j.foreco.2013.06.022>
- Blazier, M.A., T.R. Clason, E.D. Vance, Z. Leggett, and E.B. Sucre. 2012. Loblolly pine age and density affects switchgrass growth and soil carbon in an agroforestry system. *Forest Science* 58(5):485-496. <http://dx.doi.org/10.5849/forsci.11-052>
- Boves T.J., D.A. Buehler, J. Sheehan, P.B. Wood, A.D. Rodewald, J.L. Larkin, P.D. Keyser, F.L. Newell, G.A. George, M.H. Bakermans, A. Evans, T.A. Beachy, M.E. McDermott, K.A. Perkins, M. White, and T.B. Wigley. 2013. Emulating natural disturbances for declining late-successional species: A case study of the consequences for cerulean warblers (*Setophaga cerulea*). *PLoS ONE* 8(1):e52107. <http://dx.doi.org/10.1371/journal.pone.0052107>
- Boves, T.J., D.A. Buehler, P.B. Wood, A.D. Rodewald, J.L. Larkin, P.D. Keyser, and T.B. Wigley. 2014. Multiple plumage traits convey information about age and within-age class qualities of a canopy-dwelling songbird, the Cerulean Warbler. *The Auk: Ornithological Advances* 131:20–31. <http://dx.doi.org/10.1642/AUK-13-191.1>
- Callaham, M.A., Jr., J.A. Stanturf, W.J. Hammond, D.L. Rockwood, E.S. Wenk, and J.J. O'Brien. 2013. Survey to evaluate escape of *Eucalyptus* spp. seedlings from plantations in southeastern USA. *International Journal of Forestry Research*. Article ID 946374. <http://dx.doi.org/10.1155/2013/946374>
- Cook, R.C., J.G. Cook, T.R. Stephenson, W.L. Myers, S.M. McCorquodale, D.J. Vales, L.L. Irwin, P.B. Hall, R.D. Spencer, S.L. Murphie, K.A. Schoenecker, and P.J. Miller. 2010. Revisions of rump fat and body scoring indices for deer, elk, and moose. *The Journal of Wildlife Management* 74: 880–896. <http://dx.doi.org/10.2193/2009-031>
- Cook, R.C., J.G. Cook, D.J. Vales, B.K. Johnson, S.M. McCorquodale, L.A. Shipley, R.A. Riggs, L.L. Irwin, S.L. Murphie, B.L. Murphie, K.A. Schoenecker, F.Geyer, P.B. Hall, R.D. Spencer, D.A. Immell, D.H. Jackson, B.L. Tiller, P.J. Miller, and L. Schmitz. 2013. Regional and seasonal patterns of nutritional condition and reproduction in elk. *Wildlife Monographs* 184(1): 1-45. <http://dx.doi.org/10.1002/wmon.1008>
- Dawson, D.K., T.B. Wigley, and P.D. Keyser. 2012. Cerulean Warbler Technical Group: Coordinating international research and conservation. *Ornitologia Neotropical* 23: 275–281.
- Devine, W.D., P.W. Footen, B.D. Strahm, R.B. Harrison, T.A. Terry, and T.B. Harrington. 2012. Nitrogen leaching following whole-tree and bole-only harvests on two contrasting Pacific Northwest sites. *Forest Ecology and Management* 267:7-17. <http://dx.doi.org/10.1016/j.foreco.2011.11.043>
- Dodd, L.E. M. J. Lacki, E.R. Britzke, D.A. Buehler, P.D. Keyser, J.L. Larkin, A.D. Rodewald, T.B. Wigley, P.B. Wood, and L.K. Rieske. 2012. Forest structure affects trophic linkages:

- How silvicultural disturbance impacts bats and their insect prey. *Forest Ecology and Management* 267:262–270. <http://dx.doi.org/10.1016/j.foreco.2011.12.016>
- Drever, C.R., M.C. Drever, and D.J.H. Sleep. 2012. Understanding rarity: A review of recent conceptual advances and implications for conservation of rare species. *Forestry Chronicle* 88(2): 165-175.
- Flinders, C.A., W.R. Streblow, R.E. Philbeck, D.L. Cook, D.E. Campbell, N.J. Brown-Peterson, and T.S. Gross. 2014. Fathead minnow response to broad-range exposure of  $\beta$ -sitosterol concentrations during life-cycle testing. *Environmental Toxicology and Chemistry* 33(2):458-467. <http://dx.doi.org/10.1002/etc.2440>
- Fritts, S.R, C.E. Moorman, D.W. Hazel, and B.D. Jackson. 2014. Biomass harvesting guidelines affect downed woody debris retention. *Biomass and Bioenergy* 70:382-391. <http://dx.doi.org/10.1016/j.biombioe.2014.08.010>
- Fritts, S.R. 2014. Implementing woody biomass harvesting guidelines that sustain reptile, amphibian, and shrew populations. PhD Dissertation, North Carolina State University. Raleigh, NC. <http://www4.ncsu.edu/~moorman/documents/etdfritts.pdf>
- Gaudreault, C., B. Malmberg, B. Upton, and R. Miner. 2012. Life cycle greenhouse gases and non-renewable energy benefits of kraft black liquor recovery. *Biomass and Bioenergy* <http://dx.doi.org/10.1016/j.biombioe.2012.06.027>
- Geary, A.B. 2014. Succession, herbicides, forage nutrition and elk body condition at Mount St. Helens, Washington. Thesis. University of Alberta. Edmonton, AB, Canada.
- Guyer, C., V.M. Johnson, and S.M. Hermann. 2012. Effects of population density on patterns of movement and behavior of gopher tortoises (*Gopherus polyphemus*). *Herpetological Monographs* 26 (1):122-134. <http://dx.doi.org/10.1655/HERPMONOGRAPHS-D-10-00004.1>
- Harrington, T.B. and S.M. Holub. 2014. Managing for long-term soil productivity in Pacific Northwestern forests. *Western Forester* 59(3): 1-4.
- Heath, L.S., V. Maltby, R. Miner, K.E. Skog, J.E. Smith, J. Unwin, and B. Upton. 2010. Greenhouse gas and carbon profile of the U.S. forest products industry value chain. *Environmental Science & Technology* 44: 3999–4005. <http://dx.doi.org/10.1021/es902723x>
- Homyack, J.A. and A.J. Kroll. 2014. Slow lives in the fast landscape: Conservation and management of plethodontid salamanders in production forests of the United States. *Forests* 5:2750–2772. <http://dx.doi.org/10.3390/f5112750>
- Ice, G.G., E. Schilling, and J. Vowell. 2010. Trends for forestry best management practices implementation. *Journal of Forestry* 108: 267-273.
- Igley, R.B., B.D. Leopold, and D.A. Miller. 2014. Summer herpetofaunal response to prescribed fire and herbicide in intensively managed, mid-rotation pine stands in Mississippi. *Wildlife Society Bulletin* 38(1):33-42. <http://dx.doi.org/10.1002/wsb.372>
- Igley, R.B., B.D. Leopold, and D.A. Miller. 2014. Vegetation responses to fire and herbicide in intensively managed, mid-rotation pine. *Forest Ecology and Management* 328:69-78. <http://dx.doi.org/10.1016/j.foreco.2014.05.029>

- International Finance Corporation (IFC). 2013. Forest Industry Carbon Assessment Tool (FICAT), a joint project of NCASI and the International Finance Corporation of the World Bank Group. [www.FICATmodel.org](http://www.FICATmodel.org)
- Irwin, L.L., D.F. Rock, and S.C. Rock. 2012. Habitat selection by northern spotted owls in mixed coniferous forests. *The Journal of Wildlife Management* 76:200–213. <http://dx.doi.org/10.1002/jwmg.218>
- Irwin, L.L., D.F. Rock, and S.C. Rock. 2013. Do northern spotted owls use harvested areas? *Forest Ecology and Management* 310:1029–1035. <http://dx.doi.org/10.1016/j.foreco.2013.04.001>
- King, K.L., J.A. Homyack, T.B. Wigley, D.A. Miller, and M.C. Kalcounis-Rueppell. 2014. Response of rodent community structure and population demographics to intercropping switchgrass within loblolly pine plantations in a forest-dominated landscape. *Biomass and Bioenergy* 69:255–264. <http://dx.doi.org/10.1016/j.biombioe.2014.07.006>
- Knight, E., P. Footen, R. Harrison, T. Terry, and S. Holub. 2014. Competing vegetation effects on soil carbon and nitrogen in a Douglas-fir plantation. *Soil Science Society of America Journal* 78(S1): S146–S151. <http://dx.doi.org/10.2136/sssaj2013.07.0320nafsc>
- Kroll, A.J., E.B. Arnett, and B. Altman. 2010. Effects of salvage logging on avian nest survival in beetle-killed forests. *Forest Ecology and Management* 260:1599–1606. <http://dx.doi.org/10.1016/j.foreco.2010.08.009>
- Kroll, A.J., T.L. Fleming, and L.L. Irwin. 2010. Site occupancy dynamics of northern spotted owls in the Eastern Cascades, Washington, USA, 1990–2003. *The Journal of Wildlife Management* 74: 1267–1274. <http://dx.doi.org/10.1111/j.1937-2817.2010.tb01247.x>
- Kroll, A.J., J. Giovanini, J.E. Jones, and E.B. Arnett. 2012. Effects of salvage logging of beetle-killed forests on avian species and foraging guild abundance. *Journal of Wildlife Management* 76(6):1188–1196. <http://dx.doi.org/10.1002/jwmg.353>
- Kroll, A.J., Y. Ren, J.E. Jones, J. Giovanini, R.W. Perry, R.E. Thill, D. White Jr., T.B. Wigley. 2014. Avian community composition associated with interactions between local and landscape habitat attributes. *Forest Ecology and Management* 326:46–57. <http://dx.doi.org/10.1016/j.foreco.2014.04.011>
- Lane, V.R., K.V. Miller, S.B. Castleberry, D.A. Miller, T.B. Wigley, G.M. Marsh, and R.L. Mihalco. 2011. Plant community responses to a gradient of site preparation intensities in pine plantations in the Coastal Plain of North Carolina. *Forest Ecology and Management* 262:370–378. <http://dx.doi.org/10.1016/j.foreco.2011.03.043>
- Lang, A.H. and B.C. Mendell. 2012. Sustainable wood procurement: What the literature tells us. *Journal of Forestry* 110(3):157–163. <http://dx.doi.org/10.5849/jof.11-001>
- Larkin, J.L., P.B. Wood, T.J. Boves, J. Sheehan, D.A. Buehler, P.D. Keyser, A.D. Rodewald, T.A. Beachy, M.H. Bakermans, A. Evans, G.A. George, M.E. McDermott, F.L. Newell, K.A. Perkins, M. White, and T.B. Wigley. 2012. Breeding season concerns and response to forest management: Can forest management produce more breeding birds? *Ornitologia Neotropical* 23:283–287.

- Leonard, P.B., R.F. Baldwin, J.A. Homyack, and T.B. Wigley. 2012. Remote detection of small wetlands in the Atlantic coastal plain of North America: Local relief models, ground validation, and high-throughput computing. *Forest Ecology and Management* 284:107-115. <http://dx.doi.org/10.1016/j.foreco.2012.07.034>
- Linden, D.W. and G.J. Roloff. 2013. Retained structures and bird communities in clearcut forests of the Pacific Northwest, USA. *Forest Ecology and Management* 310:1045–1056. <http://dx.doi.org/10.1016/j.foreco.2013.08.059>
- Linden, D.W. and G.J. Roloff. 2013. Retrained structures and bird communities in clearcut forests of the Pacific Northwest, USA. *Forest Ecology and Management* 310:1045-1056. <http://dx.doi.org/10.1016/j.foreco.2013.08.059>
- Linden, D.W., G.J. Roloff, and A.J. Kroll. 2012. Conserving avian richness through structure retention in managed forests of the Pacific Northwest, USA. *Forest Ecology and Management* 284:174–184. <http://dx.doi.org/10.1016/j.foreco.2012.08.002>
- Linden, D.W., G.J. Roloff, and A.J. Kroll. 2012. Conserving avian richness through structure retention in managed forests of the Pacific Northwest, USA. *Forest Ecology and Management* 284:174-184. <http://dx.doi.org/10.1016/j.foreco.2012.08.002>
- Loehle, C. 2010. The estimation of historical CO<sub>2</sub> trajectories is indeterminate: Comment on “A new look at atmospheric carbon dioxide.” *Atmospheric Environment* 44: 2257-2259. <http://dx.doi.org/10.1016/j.atmosenv.2010.02.029>
- Loehle, C. 2011. Complexity and the problem of ill-posed questions in ecology. *Ecological Complexity* 8: 60-67. <http://dx.doi.org/10.1016/j.ecocom.2010.11.004>
- Loehle, C. 2011. The logic of scientific discovery. *Current Trends in Ecology* 2:75-81.
- Loehle, C. 2012. A conditional choice model of habitat selection explains the source-sink paradox. *Ecological Modelling* 235-236:59-66. <http://dx.doi.org/10.1016/j.ecolmodel.2012.03.037>
- Loehle, C. 2014. A minimal model for estimating climate sensitivity. *Ecological Modelling* 276:80 – 84. <http://dx.doi.org/10.1016/j.ecolmodel.2014.01.006>
- Loehle, C. 2014. Climate change is unlikely to cause a biodiversity crisis: Evidence from northern latitude tree responses to warming. *Energy & Environment* 25(1):147-153. <http://dx.doi.org/10.1260/0958-305X.25.1.147>
- Loehle, C. and W. Eschenbach. 2011. Historical bird and terrestrial mammal extinction rates and causes. *Diversity and Distributions* 18:1-8. <http://dx.doi.org/10.1111/j.1472-4642.2011.00856.x>
- Loehle, C. and N. Scafetta. 2011. Climate change attribution using empirical decomposition of historical time series. *Open Atmospheric Science Journal* 5:74-86. <http://dx.doi.org/10.2174/1874282301105010074>
- Loehle, C. and S.F. Singer. 2010. Holocene temperature records show millennial-scale periodicity. *Canadian Journal of Earth Sciences* 47:1327-1336. <http://dx.doi.org/10.1139/E10-050>

- Loehle, C., T.B. Wigley Jr., A. Lucier Jr., E. Schilling, R.J. Danehy, and G. Ice. 2014. Toward improved water quality in forestry: Opportunities and challenges in a changing regulatory environment. *Journal of Forestry* 112:41-47. <http://dx.doi.org/10.5849/jof.12-111>
- Malmshimer, R.W., J.L. Bowyer, J.S. Fried, E. Gee, R.L. Izlar, R.A. Miner, I.A. Munn, E. Oneil, and W.C. Stewart. 2011. Managing forests because carbon matters: Integrating energy, products, and land management policy. *Journal of Forestry* 109(7S):S7-S50
- McDermott, M E., and A.D. Rodewald. 2014. Conservation value of silvopastures to Neotropical migrants in Andean forest flocks. *Biological Conservation* 175:140-147. <http://dx.doi.org/10.1016/j.biocon.2014.04.027>
- McWethy, D.B., A.J. Hansen, and J.P. Verschuyt. 2010. Bird response to disturbance varies with forest productivity in the northwestern United States. *Landscape Ecology* 25:533-549. <http://dx.doi.org/10.1007/s10980-009-9437-6>
- Miner, R. 2010. *The effects of the global forest products industry on atmospheric greenhouse gases*. FAO Forestry Paper 159. Rome: United Nations Food and Agriculture Organization (FAO). [www.fao.org/docrep/012/i1580e/i1580e00.pdf](http://www.fao.org/docrep/012/i1580e/i1580e00.pdf)
- Neu, J., P.D. Jones, S. Demarais, A.W. Ezell, S.K. Riffell, and T.B. Wigley. 2014. Retained woody structure in 1- to 2-year-old loblolly pine (*Pinus taeda* L.) plantations in Mississippi, Louisiana, and Arkansas: Implications for wildlife conservation. *Journal of Sustainable Forestry* 33:152-172. <http://dx.doi.org/10.1080/10549811.2013.836718>
- Neu, J., P.D. Jones, S. Demarais, A.W. Ezell, S.K. Riffell, and T.B. Wigley. 2014. Retained woody structure in 1- to 2-year-old loblolly pine (*Pinus taeda* L.) plantations in Mississippi, Louisiana, and Arkansas: Implications for wildlife conservation. *Journal of Sustainable Forestry* 33:152-172. <http://dx.doi.org/10.1080/10549811.2013.836718>
- O'Bryan, C.J. 2014. Persistence of a vulnerable semi-aquatic turtle in an intensively-managed forest landscape. M.S. Thesis. Clemson Univ., Clemson, SC. [http://tigerprints.clemson.edu/cgi/viewcontent.cgi?article=2982&context=all\\_theses](http://tigerprints.clemson.edu/cgi/viewcontent.cgi?article=2982&context=all_theses)
- Riffell, S., J. Verschuyt, D. Miller, and T.B. Wigley. 2011. Biofuel harvests, coarse woody debris, and biodiversity – A meta-analysis. *Forest Ecology and Management* 261:878-887. <http://dx.doi.org/10.1016/j.foreco.2010.12.021>
- Riffell, S.K., J.P. Verschuyt, D.A. Miller, and T.B. Wigley. 2011. Biofuel harvests, coarse woody debris, and biodiversity - A meta-analysis. *Forest Ecology and Management* 261:878-887. <http://dx.doi.org/10.1016/j.foreco.2010.12.021>
- Rupp, S.P., L. Bies, A. Glaser, C. Kowaleski, T. McCoy, T. Rentz, S. Riffell, J. Sibbing, J. Verschuyt, and T. Wigley. 2012. *Effects of bioenergy production on wildlife and wildlife habitat*. Wildlife Society Technical Review 12-03. Bethesda, MD: The Wildlife Society. <http://wildlife.org/documents/technical-reviews/docs/Effects%20of%20Bioenergy%20on%20Wildlife.pdf>
- Sheehan, J., P.B. Wood, D.A. Buehler, P.D. Keyser, J.L. Larkin, A.D. Rodewald, T.B. Wigley, T.J. Boves, G.A. George, M.H. Bakermans, T.A. Beachy, A. Evans, M.E. McDermott, F.L. Newell, K.A. Perkins, and M. White. 2014. Avian response to timber harvesting

- applied experimentally to manage Cerulean Warbler breeding populations. *Forest Ecology and Management* 321:5-18. <http://dx.doi.org/10.1016/j.foreco.2013.07.037>
- Stokely, T. 2014. Interactive effects of silvicultural herbicides and cervid herbivory on early seral plant communities of the northern Oregon Coast Range. Thesis. College of Forestry, Oregon State University. Corvallis, OR, USA.  
<http://ir.library.oregonstate.edu/xmlui/handle/1957/50309>
- Tian, S., M.A. Youssef, D.M. Amatya, and E.D. Vance. 2014. Global sensitivity analysis of DRAINMOD-FOREST, an integrated forest ecosystem model. *Hydrological Processes* 28 (15):4389-4410. <http://dx.doi.org/10.1002/hyp.9948>
- Tian, S., M.A. Youssef, R.W. Skaggs, D.M. Amatya, and G.M. Chescheir. 2012. DRAINMOD-FOREST: Integrated modeling of hydrology, soil carbon and nitrogen dynamics, and plant growth for drained forests. *Journal of Environmental Quality* 41(3):764-782.  
<http://dx.doi.org/10.2134/jeq2011.0388>
- Van Deusen, P.C., F.A. Roesch, and T.B. Wigley. 2013. Estimating forestland area change from inventory data. *Journal of Forestry* 111: 126-131. <http://dx.doi.org/10.5849/jof.12-102>
- Van Deusen, P.C., F.A. Roesch, and T.B. Wigley. 2013. Estimating forestland area change from inventory data. *Journal of Forestry* 111(2):126-131. <http://dx.doi.org/10.5849/jof.12-102>
- Van Deusen, P., T.B. Wigley Jr., and A.A. Lucier. 2012. Cumulative effects of constraints on forest management. *Journal of Forestry* 10:123-128. <http://dx.doi.org/10.5849/jof.10-096>
- Vance E.D., C. Loehle, T.B. Wigley, and P. Weatherford. 2014. Scientific basis for sustainable management of *Eucalyptus* and *Populus* as short-rotation woody crops in the U.S. *Forests* 5:901-918. <http://dx.doi.org/10.3390/f5050901>
- Vance E.D., C. Loehle, T.B. Wigley, and P. Weatherford. 2014. Scientific basis for sustainable management of *Eucalyptus* and *Populus* as short-rotation woody crops in the U.S. *Forests* 5(5):901-918. <http://dx.doi.org/10.1002/hyp.9948>
- Vance, E.D., W.M. Aust, B.D. Strahm R.E. Froese, R.B. Harrison, and L.A. Morris. 2014. Biomass harvesting and soil productivity: Is the science meeting our policy needs? *Soil Science Society of America Journal* 78:S95-S104.  
<http://dx.doi.org/10.2136/sssaj2013.08.0323nafsc>
- Vance, E.D., W.M. Aust, B.D. Strahm, R.E. Froese, R.B. Harrison, L.A. Morris. 2014. Biomass harvesting and soil productivity: Is the science meeting our policy needs? *Soil Science Society of America Journal* 78:S95-S104. <http://dx.doi.org/10.2136/sssaj2013.08.0323nafsc>
- Vance, E.D., W.M. Aust, R.E. Froese, R.B. Harrison, L.A. Morris, and B.D. Strahm. 2014. Biomass harvesting and soil productivity: Is the science meeting our policy needs? *Soil Science Society of America Journal*. Accepted paper, posted 01/17/2014.
- Vance, E.D., W.M. Aust, R.E. Froese, R.B. Harrison, L.A. Morris, and B.D. Strahm. 2014. Biomass harvesting and soil productivity: Is the science meeting our policy needs? *Soil Science Society of America Journal*. Accepted paper, posted 01/17/2014.  
<https://www.soils.org/publications/sssaj/view/first-look/s-2013-08-0323-nafsc.pdf>

- Verschuyf, J., S. Riffell, D. Miller, and T.B. Wigley. 2011. Biodiversity response to intensive biomass production from forest thinning in North American forests - A meta-analysis. *Forest Ecology and Management* 261:221–232. <http://dx.doi.org/10.1016/j.foreco.2010.10.010>
- W.M. Aust, S.E. McKee, J.R. Seiler, B.D. Strahm, and E.B. Schilling. 2012. Long-term sediment accretion in bottomland hardwoods following timber harvest disturbances in the Mobile-Tensaw River Delta, Alabama, USA. *Wetlands* 32:871–884. <http://dx.doi.org/10.1007/s13157-012-0318-4>
- Wade, C.R., M.C. Bolding, W.M. Aust, and W.A. Lakel, III. 2012. Comparison of five erosion control techniques for bladed skid trails in Virginia. *Southern Journal of Applied Forestry* 36(4):191-197. <http://dx.doi.org/10.5849/sjaf.11-014>
- Wilkerson, E., J.M. Hagan, and A.A. Whitman. 2010. The effectiveness of different buffer widths for protecting water quality and macroinvertebrate and periphyton assemblages of headwater streams in Maine, USA. *Canadian Journal of Fisheries and Aquatic Sciences* 67(1):177-190. <http://dx.doi.org/10.1139/F09-162>
- Wood, P.B., J. Sheehan, P. Keyser, D. Buehler, J. Larkin, A. Rodewald, S. Stoleson, T.B. Wigley, J. Mizel, T. Boves, G. George, M. Bakermans, T. Beachy, A. Evans, M. McDermott, F. Newell, K. Perkins, and M. White. 2013. *Management guidelines for enhancing Cerulean Warbler breeding habitat in Appalachian hardwood forests*. The Plains, VA: American Bird Conservancy. <http://applcc.org/resources/cerulean-warbler-management-guidelines-for-appalachian-hardwood-forests/view>
- World Business Council for Sustainable Development (WBCSD) 2011. *The sustainable forest products industry: Carbon and climate change*. Geneva: World Business Council for Sustainable Development. <http://www.wbcd.org/Pages/EDocument/EDocumentDetails.aspx?ID=13586&NoSearchContextKey=true>. Technical content written by NCASI.
- World Business Council for Sustainable Development (WBCSD) 2012. *Facts & trends: Forests, forest products, carbon and energy*. Geneva: World Business Council for Sustainable Development. <http://www.wbcd.org/Pages/EDocument/EDocumentDetails.aspx?ID=14964>. Technical content written by NCASI.
- World Business Council for Sustainable Development (WBCSD) 2013. *Issue brief: Biomass carbon neutrality*. Geneva: World Business Council for Sustainable Development. <http://www.wbcd.org/Pages/EDocument/EDocumentDetails.aspx?ID=15347&NoSearchContextKey=true>. Technical content written by NCASI.
- World Resources Institute (WRI) 2004. *Corporate accounting and reporting standard*. Revised edition. <http://www.ghgprotocol.org/files/ghgp/public/ghg-protocol-revised.pdf>. NCASI member of Revision Working Group.