

PEER-REVIEWED PUBLICATIONS

- Russo, K. A., V. V. Vasconcelos, J. C. Jones, O. Malakhova, E. N. Broadbent, J. Colee, A. G. Dale, J. Qiu, N. W. Taylor, W. L. Wilber, and **B. V. Iannone III**. (2024). Divergence in diversity-area relationships between lawn and non-lawn plants in residential landscapes. *Landscape Ecology* 39:96. <https://doi.org/10.1007/s10980-024-01876-2>.
- Rycyna, J., S. B. Wilson, Z. Deng, **B. V. Iannone III**, and G. W. Knox. 2024. Landscape and fruit evaluation of three privet (*Ligustrum* sp.) cultivars in Florida. *Horticulturae* 10: <https://doi.org/10.3390/horticulturae10010090>.
- Lieurance, D., S. Canavan, D. C. Behringer, E. A., Kendig, C. Minter, L. S. Reisinger, C. M. Romagosa, S. L. Flory, J. L. Lockwood, P. J. Anderson, S. M. Baker, J. Bojko, K. E. Bowers, K. Canavan, K. Carruthers, W. M. Daniel, D. R. Gordon, J. E. Hill, J. G. Howeth, **B. V. Iannone III**, L. Jennings, L. A. Gettys, E. Kariuki, J. M. Kunzer, H. D. Laughinghouse IV, N. Mandrak, S. McCann, T. Morawo, C. R. Morningstar, M. Neilson, T. Petri, I. A. Pfingsten, R. N. Reed, L. J. Walters, and C. Wanamaker. 2023. Identifying invasive species threats, pathways, and impacts to improve biosecurity. *Ecosphere*: <https://doi.org/10.1002/ecs2.4711>.
- Kendig, A. E., S. Canavan, P. J. Anderson, S. L. Flory, L. A. Gettys, D. R. Gordon, **B. V. Iannone III**, J. M. Kunzer, T. Petri, I. A. Pfingsten, and D. Lieurance. 2022. Scanning the horizon for invasive plant threats using a data-driven approach. *NeoBiota* 74:129-154. <https://neobiota.pensoft.net/article/83312/>.
- Hess, K. M., J. S. Sinclair, A. J. Reisinger, E. Z. Bean, and **B. V. Iannone III**. 2022. Are stormwater detention ponds protecting urban water bodies? a case study using depressional wetlands. *Urban Ecosystems* 25:1155-1168. <https://doi.org/10.1007/s11252-022-01208-9>.
- Whitman, B. G., **B. V. Iannone III**, J. K. Kruse, J. B. Unruh, and A. G. Dale. 2022. Cultivar blends: a strategy for creating more resilient warm season turfgrass lawns. *Urban Ecosystems* 25:797–810. <https://doi.org/10.1007/s11252-021-01195-3>.
- Nighswander, G. P., J. S. Sinclair, A. G. Dale, J. Qiu, and **B. V. Iannone III**. 2021. Importance of plant diversity and structure for urban garden pest resistance. *Landscape and Urban Planning* 215. <https://doi.org/10.1016/j.landurbplan.2021.104211>.
- Phillips, H. et al... (120 authors, **B. V. Iannone III**) E. K. Cameron. 2021. Global data on earthworm abundance, biomass, diversity, and corresponding environmental properties. *Scientific Data* 8. <https://doi.org/10.1038/s41597-021-00912-z>.
- Sinclair, J. S., L. S. Reisinger, C. R. Adams, E. Z. Bean, A. J. Reisinger, and **B. V. Iannone III**. 2021. Vegetation management and benthic macroinvertebrate communities in urban stormwater ponds: implications for regional biodiversity. *Urban Ecosystems* 24:72-735. <https://doi.org/10.1007/s11252-020-01072-5>.

- Iannone III, B. V.**, S. Carnevale, M. Main, J. E. Hill, J. B. McConnell, S. A. Johnson, S. F. Enloe, M. Andreu, E. C. Bell, J. P. Cuda, and S. M. Baker. 2020. (*Most Popular Paper*, 2020-present). Invasive species terminology: standardizing for stakeholder education. *Journal of Extension* 58: Feature/v58-3a3. Open Access: <https://tigerprints.clemson.edu/joe/vol58/iss3/27/>.
- Sinclair, J. S., A. J. Reisinger, E. Z. Bean, C. Adams, L. Reisinger, and **B. V. Iannone III**. 2020a. Stormwater ponds: An overlooked but plentiful urban designer ecosystem provides invasive plant habitat in a subtropical region (Florida, USA). *Science of the Total Environment* 711:135133. <https://doi.org/10.1016/j.scitotenv.2019.135133>.
- Sinclair, J. S., C. Adams, A. J. Reisinger, E. Z. Bean, L. Reisinger, A. Holmes, and **B. V. Iannone III**. 2020b. Commonalities and management-driven differences in stormwater pond invasive plant traits. *Landscape and Urban Planning* 201:103839. <https://www.sciencedirect.com/science/article/pii/S0169204619312290?via%3Dihub>.
- Heneghan, L., L. M. Westphal, D. H. Wise, K. A. Ross, C. Watkins, P. H. Gobster, **B. V. Iannone III**, M. Tudor, J. Vining, A. Wali, and M. Zellner. 2019. Institutional diversity in the planning process yields similar biodiversity outcomes in ecological restoration. *Society and Natural Resources* 33:949-967 <https://doi.org/10.1080/08941920.2019.1703062>.
- Phillips, H. et al... (120 authors, **B. V. Iannone III**) E. K. Cameron. 2019. Global distribution of earthworm diversity. *Science* 36:480-485. <https://www.science.org/doi/10.1126/science.aax4851>.
- Nunez-Mir, G. C., Q. Guo, M. Rejmanek, **B. V. Iannone III**, and S. Fei. 2019. Predicting invasiveness of exotic woody species using a traits-based framework. *Ecology* 100:e02797 <https://doi.org/10.1002/ecy.2797>.
- Iannone III, B. V.**, K. M. Potter, Q. Guo, I. Jo, C. M. Oswalt, and S. Fei. 2018. Environmental harshness drives spatial heterogeneity in biotic resistance. *NeoBiota* 40:87-105. <https://doi.org/10.3897/neobiota.40.28558>.
- Shao, G., **B. V. Iannone III**, and Fei, S. 2018. Enhanced forest interior estimations utilizing lidar-assisted 3D forest cover map. *Ecological Indicators* 93:1236-1243. doi.org/10.1016/j.ecolind.2018.06.037.
- Guo, Q., S. Fei, Z. Shen, **B. V. Iannone III**, J. Knott, and S. Chown. 2018. A global analysis of elevational distribution of nonnative versus native plants. *Journal of Biogeography* 45:793-803. <https://doi.org/10.1111/jbi.13145>.
- Riitters, K., K. Potter, **B.V. Iannone III**, C. Oswalt, S. Fei, and Q. Guo. 2018. (*Editor's Choice*). Landscape correlates of forest plant invasions: a high-resolution analysis across the eastern

- United States. *Diversity and Distributions* 24:274-284.
<https://onlinelibrary.wiley.com/doi/full/10.1111/ddi.12680>.
- Clark, T., **B. V. Iannone III**, and S. Fei. 2018. Measuring macroscale invasion and dispersal patterns in the eastern U.S. *Journal of Plant Ecology* 1:64-72.
<https://doi.org/10.1093/jpe/rtw136>.
- Guo, Q., **B. V. Iannone III**, G. C. Nunez-Mir, K. M. Potter, C. M. Oswalt, and S. Fei. 2017. Species pool, human population, and global versus regional invasion patterns. *Landscape Ecology* 32:229-238. <http://link.springer.com/article/10.1007/s10980-016-0475-6>.
- Nunez-Mir, G. C., J. M. Desprez, **B. V. Iannone III**, T. Clark, and S. Fei. 2017. An automated content analysis of forestry research: are socioecological challenges being addressed? *Journal of Forestry* 115:1-9. <https://doi.org/10.5849/jof.15-144>.
- Nunez-Mir, G. C., **B. V. Iannone III**, B. Pijanowski, N. Kong, and S. Fei. 2016. Automated content analysis: addressing the big literature challenge in ecology and evolution. *Methods in Ecology and Evolution* 7:1262-1272. <https://doi.org/10.1111/2041-210X.12602>.
- Iannone III, B. V.**, K. M. Potter, C. M. Oswalt, Q. Guo, A. M. Liebhold, B. C. Pijanowski, and S. Fei. 2016. Invasion hotspots: a trait-based perspective reveals new insights into macroscale patterns. *Ecography* 39:961-969.
<http://onlinelibrary.wiley.com/doi/10.1111/ecog.01973/abstract>.
- Iannone III, B. V.**, K. M. Potter, K. Dixon Hamil, W. Huang, H. Zhang, Q. Guo, C. M. Oswalt, C. W. Woodall, and S. Fei. 2016. Evidence of biotic resistance to invasions in forests of the Eastern USA. *Landscape Ecology* 31:85-99. <http://link.springer.com/article/10.1007/s10980-015-0280-7>.
- Potter, K. M., F. H. Koch, C. M. Oswalt, and **B. V. Iannone III**. 2016. Data, data everywhere: detecting spatial patterns in fine-scale ecological information collected across a continent. *Landscape Ecology* 31:67-84. <http://link.springer.com/article/10.1007/s10980-015-0295-0>.
- Dixon Hamil, K. A., **B. V. Iannone III**, W. K. Huang, S. Fei, and H. Zhang. 2016. Cross-scale contradictions in ecological relationships. *Landscape Ecology* 31:7-18.
<http://link.springer.com/article/10.1007/s10980-015-0288-z>.
- Iannone III, B. V.**, C. M. Oswalt, A. M. Liebhold, Q. Guo, K. M. Potter, G. C. Nunez-Mir, S. N. Oswalt, B. C. Pijanowski, and S. Fei. 2015. Region-specific pattern and drivers of macroscale forest plant invasions. *Diversity and Distributions* 21:1181-1192.
<http://onlinelibrary.wiley.com/doi/10.1111/ddi.12354/full>.
- Nunez-Mir, G. C., **B. V. Iannone III**, K. Curtis, and S. Fei. 2015. Evaluating the evolution of forest restoration research in a changing world: a "big literature" review. *New Forests* 46:669-682. <http://link.springer.com/article/10.1007/s11056-015-9503-7>.
- Guo, Q., S. Fei, J. S. Dukes, C. M. Oswalt, **B. V. Iannone III**, and K. M. Potter. 2015. A unified

- approach to quantify invasibility and degree of invasion. *Ecology* 96:2613-2621.
<https://doi.org/10.1890/14-2172.1>.
- Oswalt, C., S. Fei, Q. Guo, **B. V. Iannone III**, S. Oswalt, B. Pijanowski, and K. Potter. 2015. A subcontinental view of forest plant invasions using national inventory data. *NeoBiota* 24:49-51. <http://neobiota.pensoft.net/articles.php?id=4526>.
- Iannone III, B. V.**, L. Heneghan, D. Rijal, and D. H. Wise. 2015. Below-ground causes and consequences of woodland shrub invasions: a novel paired-point framework reveals new insights. *Journal of Applied Ecology* 52:78-88. <https://doi.org/10.1111/1365-2664.12354>.
- Desprez, J., **B. V. Iannone III**, P. Yang, and S. Fei. 2014. Northward migration under a changing climate: a case study of blackgum (*Nyssa sylvatica*). *Climatic Change* 126:151-162. <http://link.springer.com/article/10.1007/s10584-014-1207-z>.
- Iannone III, B. V.**, M. L. Zellner, and D. H. Wise. 2014. Modeling the impacts of life-history traits, canopy gaps, and establishment location on woodland shrub invasions. *Ecological Applications* 24:467-483. <https://doi.org/10.1890/13-0833.1>.
- Iannone III, B. V.**, L. G. Umek, L. Heneghan, and D. H. Wise. 2013. Amending soil with mulched European buckthorn (*Rhamnus cathartica*) does not reduce reinvasion. *Ecological Restoration* 31:264-273. <http://er.uwpress.org/content/31/3/264.short>.
- Iannone III, B. V.**, L. G. Umek, D. H. Wise, and L. Heneghan. 2012. A simple, safe, and effective sampling technique for investigating earthworm communities in woodland soils: implications for citizen science. *Natural Areas Journal* 32:283-292. <http://www.bioone.org/doi/abs/10.3375/043.032.0305>.
- Iannone III, B. V.**, C. J. Rosen, and S. M. Galatowitsch. 2009. Soil nitrogen concentrations in a restored sedge meadow wetland as affected by the application of high C:N amendments. *Ecological Restoration* 27:193-199. <http://er.uwpress.org/content/27/2/193.short>.
- Iannone III, B. V.**, S. M. Galatowitsch, and C. J. Rosen. 2008. Evaluation of resource-limiting strategies intended to prevent *Phalaris arundinacea* invasions in restored sedge meadows. *Ecoscience* 15:508-518. <https://doi.org/10.2980/15-4-3190>.
- Iannone III, B. V.**, and S. M. Galatowitsch. 2008. Altering light and soil N to limit *Phalaris arundinacea* reinvasion in sedge meadow restorations. *Restoration Ecology* 16:689-701. <http://onlinelibrary.wiley.com/doi/10.1111/j.1526-100X.2008.00481.x/full>.

PUBLICATIONS IN REVIEW

- Potter, K., K. Riitters, **B. V. Iannone III**, Q. Guo, and S. Fei. (*In review*). Wildland-urban interface forests are ore invaded by non-native plants in the easter United States. *Landscape Ecology*.

Boeri, P., J. Unruh, K. Kenworthy, A. Blount, M. Schiavon, A. J. Reisinger, and **B. V. Iannone III**. (*In review*). Alternative land conversions comprising native forbs and bahiagrass-peanut mixtures: nutrient leaching and groundwater recharge. *Crop Science*.

Rycyna, J., S. B. Wilson, Z. Deng, **B. V. Iannone III**, and G. Knox. (*In review*). Landscape and female fertility evaluation of seven heavenly bamboo cultivars as potential non-invasive alternatives to the wild type. *PLOS ONE*.

PEER-REVIEWED OUTREACH PUBLICATIONS

Bourassa, B. M., B. D. Hughes, S. A. Johnson, and **B. V. Iannone III**. Coexisting with Venomous Snakes. Publication FORXX, School of Forest, Fisheries, and Geomatics Sciences, UF|IFAS. (*In press*).

Reisinger, A. J., M. D. Dukes, **B. V. Iannone III**, J. B. Unruh, and S. J. Smidt. Effects of Urban Fertilizer Ordinances on Water Quality. Publication SL511, Soil and Water Sciences Department, UF|IFAS (2024). <https://edis.ifas.ufl.edu/publication/SS724>

Malakhova, O., W. L. Wilber, S. B. Wilson, K. A. Russo, J. C. Jones, B. L. Moffis, J. S. Walker, and **B. V. Iannone III**. Getting into the “Weeds”: An Introduction to Common Lawn Plants and Their Ecological benefits in North Central Florida. Publication FOR388, School of Forest, Fisheries, and Geomatics Sciences, UF|IFAS. (2023). <https://edis.ifas.ufl.edu/publication/FR459>

Bourassa, B. M., S. A. Johnson, M. D. Havelka, and **B. V. Iannone III**. *Venomous Snakes and Lizards of New Mexico*. Publication WEC458, Department of Wildlife Ecology and Conservation, UF|IFAS. (2023). <https://edis.ifas.ufl.edu/publication/UW503> Available through the New Mexico Fish and Game, the New Mexico Herpetological Society, and New Mexico State University Extension websites.

McDonnell, M. C. Monroe, and **B. V. Iannone III**. *Land Conservation Tools and Zoning*. Publication FOR256, School of Forest, Fisheries, and Geomatics Sciences, UF|IFAS. (2022). <https://edis.ifas.ufl.edu/publication/FR256>.

Iannone III, B. V., T. McIntyre, A. J. Reisinger, E. Z. Bean, A. Tyna, and B. L. Moffis. *Spatial Considerations Needed when Balancing Land Conservation and Development*. Publication FOR380, School of Forest, Fisheries, and Geomatics Sciences, UF|IFAS. (2022). <https://edis.ifas.ufl.edu/publication/FR451>.

Iannone III, B. V., E. C. Bell, S. Carnevale, M. Main, J. E. Hill, J. B. McConnel, S. F. Enloe, S. A. Johnson, J. P. Cuda, S. M. Baker, and M. Andreu. *Standardized Invasive Species Terminology for Effective Education of Floridians*. Publication FOR370, School of Forest,

- Fisheries, and Geomatics Sciences, UF|IFAS. (2021). <https://edis.ifas.ufl.edu/publication/FR439>.
- Hess, K. M., T. Clem, and **B. V. Iannone III**. *Stop Wasting Resources: Utilizing Native Plants from Pre-developed Sites*. Publication FOR373, School of Forest, Fisheries, and Geomatics Sciences, UF|IFAS. (2021). <https://edis.ifas.ufl.edu/publication/FR442>.
- Chen, B., and **B. V. Iannone III**. *FRAGSTATS: A Free Tool for Quantifying and Evaluating Spatial Patterns*. Publication FOR362, School of Forest Resources and Conservation Department, UF|IFAS. (2020). <https://edis.ifas.ufl.edu/fr431>.
- Flenneking, J. M., S. Stuglick, and **B. V. Iannone III**. *Quantum GIS (QGIS): An Introduction to a Free Alternative to More Costly GIS Platforms*. Publication FOR359, School of Forest Resources and Conservation Department, UF|IFAS. (2020) <https://edis.ifas.ufl.edu/fr428>.
- Nighswander, G. P., M. E. Szoka, K. M. Hess, E. Z. Bean, G. Hansen de Chapman, and **B. V. Iannone III**. *A New Database on Trait-Based Selection of Stormwater Pond Plants*. Publication FOR347, School of Forest Resources and Conservation Department, UF|IFAS. (2019). <https://edis.ifas.ufl.edu/fr416>.
- Escobedo, F., J. A. Seitz, W. Zipperer, and **B. V. Iannone III**. *Gainesville's Urban Forest Structure and Composition*. Publication FOR2014, School of Forest Resources and Conservation Department, UF|IFAS. (2019). <http://edis.ifas.ufl.edu/fr276>.
- Empke, E. K., E. Becker, J. Lab, R. Hinkle, Escobedo, F., and **B. V. Iannone III**. *Orlando, Florida's Urban and Community Forests and Their Ecosystem Services*. Publication FOR290, School of Forest Resources and Conservation Department, UF|IFAS. (2018). <http://edis.ifas.ufl.edu/fr358>.
- Escobedo, F., S. Varela, C. Staudhammer, B. Thompson, J. Jarratt, and **B. V. Iannone III**. *Pensacola and Southern Escambia County, Florida's Urban Forests*. Publication FOR231, School of Forest Resources and Conservation Department, UF|IFAS. (2019). <https://edis.ifas.ufl.edu/fr293>.
- Escobedo, F., J. A. Seitz, W. Zipperer, and **B. V. Iannone III**. *Air Pollution Removal and Temperature Reduction by Gainesville's Urban Forest*. Publication FOR216, School of Forest Resources and Conservation Department, UF|IFAS. (2018). <https://edis.ifas.ufl.edu/fr278>.
- Escobedo, F., J. A. Seitz, W. Zipperer, and **B. V. Iannone III**. *Gainesville Florida's Urban Tree Cover*. Publication FOR215, School of Forest Resources and Conservation Department, UF|IFAS. (2018). http://edis.ifas.ufl.edu/document_fr277.
- Escobedo, F., J. A. Seitz, W. Zipperer, and **B. V. Iannone III**. *The Effect of Gainesville's Urban Trees on Energy Use of Residential Buildings*. Publication FOR211, School of Forest

Resources and Conservation Department, UF|IFAS. (2018). <http://edis.ifas.ufl.edu/fr273>.

Hagan, D., C. Dobbs, F. Escobedo, W. Zipperer, Z. Szantoi, and **B. V. Iannone III**. *Urban Soils in Gainesville, Florida, and Their Implications for Environmental Quality and Management*. Publication FOR275, School of Forest Resources and Conservation Department, UF|IFAS. (2018). <https://edis.ifas.ufl.edu/fr337>.

Escobedo, F., J. Klein, M. Pace, Mayer, H., S. Varela, and **B. V. Iannone III**. *Miami-Dade County's Urban Forests and Their Ecosystem Services*. Publication FOR285, School of Forest Resources and Conservation Department, UF|IFAS. (2018). <http://edis.ifas.ufl.edu/fr347>.

SCIENTIFIC REPORTS

Iannone III, B. V. 2022. *Project Update for Restoring Food Web Resources in Residential Landscapes: Are Native Landscaping Plants Helping?* Report for The Nature Conservancy-Florida Chapter. pages 6.

Hansen, G., **B. V. Iannone III**, B. L. Moffis, and L. Milligan. 2022. *IST #32064 Report: Linking Barriers, Opportunities, and Needs of Sustainable Urban Landscapes for the Future* (IRB202200698). Report to Future Urban Landscapes Working Group. pages 16.

Moffis, B. L., R. Pitilon, A. Pandolfi, M. Burdett, P. J. Bohlen, and **B. V. Iannone III**. 2022. *Evaluating Native Plant Health, Soil Properties, and Ecosystem Benefits in an Urban Development: A Collaborative Approach*. Project update for The Nature Conservancy Florida Chapter. pages 1.

Hostetler, M., **B. V. Iannone III**, and M. J. Kipp. 2020. *Open Space Management Plan Recommendations*. Flint Rock Agrihood. UF|IFAS Program for Resource Efficient Communities. pages 24

Paudyal, R., T. V. Stein, and **B. V. Iannone III**. 2018. *Visitor and Traffic Counter Installation and Calibration Assessment Palm Beach County Natural Areas, Florida*. School of Forest, Fisheries, and Geomatics Sciences, UF|IFAS. pages 14.

Iannone III, B. V., and S. M. Galatowitsch. 2008. *Wet Meadow Revegetation Following Invasive Plant Control*. Minnesota Dept. of Transportation Research Service Division, St. Paul, MN. pages 61. <http://conservancy.umn.edu/handle/11299/151676>.

CONTRIBUTIONS TO NEWSLETTERS & BLOGS

Iannone III, B. V. 2023. *Landscapes Reimagined: Private-Academic-NGO Collaboration Driving More Environmentally Responsible Land Development Practices*. In *UF|IFAS Center for Land Use Efficiency 2022 Annual Report*. pages 10-11. [Link](#).

Iannone III, B. V. and P. F. Monaghan. 2022. Stormwater Pond Plantings: We Need your Help in Determining their Benefits and Strategies for Promoting Their Adoption. In *Florida LAKEWATCH Summer 2022 Newsletter*. [Link](#).

Iannone III, B. V. 2022. Researching Stormwater Ponds in Manatee County. In *UF|IFAS Center for Land Use Efficiency 2021 Annual Report*. pages 12-13. [Link](#).

Iannone III, B. V. 2020. Invasive Species Terminology: Standardizing for Stakeholder Education. In *Association of Natural Resource Extension Professionals Summer 2020 Newsletter*. [Link](#).

Iannone III, B. V. 2020. Using Alternative Native Groundcover Species to Increase Native Biodiversity in Florida Landscapes. In *UF|IFAS Center for Land Use Efficiency 2020 Annual Report*. pages 12-13. [Link](#).

Iannone III, B. V. 2019. Trait-based Guidance for Stormwater Pond Plantings. *UF|IFAS University of Florida Blogs*. [Link](#).

Iannone III, B. V. 2019. Stormwater Ponds Serve as Habitat for Ornamental Plant Invaders. In *UF|IFAS Center for Landscape Conservation and Ecology 2018-2019 Annual Report*. pages 12-13. [Link](#).

Iannone III, B. V. 2018. What is Residential Landscape Ecology? *UF|IFAS University of Florida Blogs*. [Link](#).

Iannone III, B. V. 2018. Residential Landscape Ecology Lab. Understanding the Ecological Patterns and Processes of the Fastest Growing Land Cover Type in the U.S. In *Florida Association of Natural Resource Extension Professionals Newsletter*. pages 14-14. [Link](#).

Iannone III, B. V. 2018. Understanding Spatial Ecology in and Around Residential Landscapes. In *UF|IFAS Center for Landscape Conservation and Ecology 2017-2018 Annual Report*. pages 24-24. [Link](#).