

Abbreviated Curriculum Vitae

Alan Wade Hodges, Ph.D.

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Full curriculum vitae available upon request with complete list of publications, presentations, media citations, grants received, courses taught, students mentored, university service and awards received.



Personal: Age 61, married 35 years, born Burlington, Iowa
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Expertise. Agricultural and natural resource economics, economic impact analysis, *IMPLAN* software for regional input-output modeling/social accounting and analysis, agribusiness management, survey research, environmental horticulture, biomass/bioenergy, forestry/forest chemicals, agricultural extension education.

Education

Doctor of Philosophy, University of Florida, Agricultural and Biological Engineering, 1995.
Master of Science, University of Florida, Agricultural and Biological Engineering, 1988.
Bachelor of Arts, University of Chicago, Behavioral Science, 1982.
High School Diploma, Burlington Community High School, Burlington, Iowa, 1978.

Employment

University of Florida, Institute of Food and Agricultural Sciences, Food and Resource Economics Department, 1985-2019: Retired emeritus faculty and part-time research associate, 2019-21; Extension Scientist/Associate Extension Scientist, 2007-19; Assistant-In/Associate-In, 2001-07; Coordinator of Economic Analysis, 1988-2001; Statistical Research Assistant, 1985-88.

Professional and Public Service

Director, University of Florida Economic Impact Analysis Program, 2010-19.
Extension Coordinator, University of Florida, Food and Resource Economics Department, 2015-19.
Chairman, Green Industry Research Consortium, 2007-11, member 1995-2019.
Editor, Forest Chemicals Review, 1997-2005.
Council member, Florida Chamber Foundation Council of Economists, 2017-19.
Board member and Vice President, Putnam Land Conservancy, 2019-21.
Economist advisor, Free the Ocklawaha Coalition, 2020-21.

Summary of academic accomplishments (1990-2020)

Graduate students mentored	22
Undergraduate courses taught	2
Awards received	3
Publications	
Refereed journal articles	57
Book chapters and monographs	16
Conference proceedings	48
Trade magazine articles	77
Extension publications	188
Newsletter articles	26
Websites and other creative works	13
Sponsored project reports	102
Presentations at public and professional meetings	215
Media citations (2013-18)	126
Extension (EDIS) document accessions (2018)	35,187
Grants and contracts awarded	146
Grant and contract funding received (net of indirect costs)	\$3.57 million

List of refereed journal articles and book chapters published, 2011-20; published project reports available at <https://fred.ifas.ufl.edu/economicimpactanalysis/publications/>.

- Benchmarking the efficiency of transplanting plant cuttings at large young plant greenhouse operations. *Hortscience* 53(8):1133-1138, 2018. Y. Adegbola, P. Fisher and A. Hodges.
- Cost-benefit analysis of using grafted transplants for root-knot nematode management in organic heirloom tomato production. *HortTechnology* 22(2):252-257, 2012. C. Barret, X. Zhao, and A. Hodges.
- Economic analysis of summer fallows for organic nutrient and weed management in Florida. *Hort Technology* 22(2):258-262, 2012. A. Cho and A. Hodges.
- Economic contributions of the green industry in the United States in 2013. *HortTechnology* 25(6):804-814, 2015. A. Hodges, C. Hall, M. Palma and H. Khachatryan.
- Economic contributions of the green industry in the United States in 2007-08. *HortTechnology* 21(5):628-638, 2011. A. Hodges, C. Hall and M. Palma.
- Economic Contributions of the Green Industry in the United States in 2018. *Journal of Environmental Horticulture* 38(3): 73-79, 2020, <https://doi.org/10.24266/0738-2898-38.3.73>. C. Hall, A. Hodges, H. Khachatryan and M. Palma.
- Economic evaluation of transplant robots for plant cuttings. *Scientia Horticulturae* 246:237-243, 2019. Y. Adegbola, P. Fisher and A. Hodges.
- Economic impact analysis of 4-H youth projects using IMPLAN. *Journal of Extension* 49(1), 2011. A. Harder and A. Hodges.
- Economic impacts of cancelled recreational trips to northwest Florida after the *Deepwater Horizon* oil spill. *Regional Science Policy and Practice* 9(3):143-164, 2017. C. Court, A. Hodges, R. Clouser and S. Larkin.
- Economic value of visitation to free-flowing and impounded portions of the Ocklawaha River in Florida: Implications for management of river flow. *Review of Regional Studies*, 2019. X. Bi, T. Borisova and A. Hodges.
- Economic, environmental and well-being benefits of lifestyle horticulture. *Chronica Horticulturae* 51(4):5-8, 2011. C. Hall and A. Hodges.
- Effects of the Deepwater Horizon oil spill on human communities: Catch and economic impacts. Chapter 34, in *Deep Oil Spills: Facts, Fate, and Effects*, eds. S. Murawski, et al. Springer Publishing, New York, 2019. C. Court, A. Hodges, K. Coffey, C. Ainsworth, and D. Yoskowitz.
- Estimating the value of ecosystem services in a mixed-use watershed: A choice experiment approach. *Ecosystem Services: Science, Policy and Practice* 23:228-237, 2017. P. Chaikaew, A. Hodges and S. Grunwald.
- Local and regional food systems in Florida: Values and economic impacts. *Journal of Agriculture and Applied Economics* 46(2):285-298, 2014. A. Hodges, T. Stevens and A. Wysocki.
- Oleoresin tapping of planted slash pine (*Pinus elliottii* Engelm var. *elliottii*) adds value and management flexibility to landowners in the southern United States. *Biomass and Bioenergy* 68:55-61, 2014. A. Susaeta, G. Peter, A. Hodges and D. Carter.
- Production and marketing practices and trade flows in the United States Green industry in 2013. *Journal of Environmental Horticulture* 33(3):125-136, 2015. A. Hodges, H. Khachatryan, M. Palma and C. Hall.
- Recovering nitrogen from farm-scale drainage: Mechanism and economics. *Transactions of American Society of Agricultural and Biological Engineers* 61(1):197-206, 2018. A. Shukla, S. Shukla and A. Hodges.
- Sales, trade flows and marketing practices within the U.S. nursery industry. *Journal of Environmental Horticulture* 29(1):14-24, 2011. C. Hall, A. Hodges and M. Palma.
- Trade flows within the U.S. nursery industry. *Journal of Environmental Horticulture* 34(1):19-29, 2016. H. Khachatryan, A. Hodges, M. Palma and C. Hall.
- Under what conditions does it pay to be sustainable? Sources of heterogeneity in corporate sustainability impacts. *Economics Letters* 159:15-17, 2017. I. Al Abri, X. Bi, C. Mullally and A. Hodges.
- Valorization of farm pond biomass as fertilizer for reducing basin-scale phosphorus losses. *Science of the Total Environment* 720, 10 pages, 2020. A. Shukla, S. Shukla, A. Hodges and W. Harris.
- Water quality effectiveness of the ditch fencing and culvert crossing best management practice in the Lake Okechobee basin. *Ecological Engineering* 37:1158-1163, 2011. S. Shukla, D. Goswami, W. Graham, A. Hodges, M. Christman and J. Knowles.

Sponsoring Organizations for Research Grants Received

Local, State and Federal Government

Alachua County Florida Board of County Commissioners

Florida Center for Solid and Hazardous Waste Management

Florida Department of Agriculture and Consumer Services, Division of Forestry

Florida Department of Agriculture and Consumer Services, Division of Plant Industry
Florida Department of Citrus
Florida Department of Community Affairs
Florida Department of Environmental Protection
Florida Department of Health, Office of Rural Health
Florida Department of Transportation
Florida Energy and Climate Commission
Florida Farm Bureau
Florida Housing Finance Corporation
Florida Legislature, Office of Economic and Demographic Research
Georgia Forestry Commission
Hendry County Florida Board of County Commissioners
Hernando County, Florida
Hillsborough County Florida Agribusiness Department
South Florida Water Management District
Southwest Florida Water Management District
St. Johns County Florida Board of County Commissioners
U.S. Army Corps of Engineers
U.S. Department of Agriculture, Agriculture Research Service
U.S. Department of Agriculture, Cooperative Research and Extension Education System
U.S. Department of Agriculture, Economic Research Service
U.S. Department of Agriculture, Forest Service, Southern Research Station
U.S. Department of Agriculture, National Urban and Community Forestry Advisory Committee
U.S. Department of Agriculture, Risk Management Agency
U.S. Department of Agriculture, Southern Agriculture Research and Education
U.S. Department of Commerce, Economic Development Administration
U.S. Department of Commerce, National Marine Fisheries Service
U.S. Department of Commerce, National Oceanic and Atmospheric Administration
U.S. Department of Energy, National Energy Modeling System
U.S. Department of Energy, National Renewable Energy Laboratory, Golden, CO
West Coast Inland Navigation District

Universities

Auburn University, Office of the Dean for Extension
State University System of Florida, Board of Governors
Texas A&M University, Harte Institute
University of Florida, Department of Recreation, Parks and Tourism
University of Florida, Office of University Relations
University of Florida-IFAS, Center for Biomass Programs
University of Florida-IFAS, Center for Natural Resources
University of Florida-IFAS, Department of Family, Youth and Community Sciences
University of Florida-IFAS, Senior Vice President for Agriculture and Natural Resources

Private and Non-Profit Organizations

Anthem Healthcare
Covanta Energy
Defenders of Wildlife
Dynamac Corporation
Environmental Defense
Florida Brewer's Guild
Florida Cattlemen's Association
Florida Dairy Farmers
Florida Fairs Association
Florida Farm Bureau Federation
Florida Forestry Association
Florida Hospital Association
Florida Nursery Growers and Landscape Association

Florida Sod Growers Cooperative
Florida State Beekeepers Association
Florida Turfgrass Association
Florikan, Inc.
Food and Agriculture Organization of the United Nations
Georgia Pacific Corporation
Horticulture Research Institute
Hydromentia, Inc.
International Turfgrass Research Foundation
Miami Corporation
Mosaic Fertilizer
Munroe Regional Medical Center
PGA Tour, Inc.
Polk County Farm Bureau
Progress Energy Florida
Rayonier Advanced Materials
Save Our Suwannee
Silver Springs Alliance
Southeast Agriculture and Forestry Energy Resources Alliance
Southeast Milk, Inc.
Stanley Consultants
Tampa General Hospital
Thomas J. Murray and Associates
WCI Communities
Wildlife Foundation of Florida
World Golf Hall of Fame Foundation