

## TOPIC: URBAN FORESTRY

### TREE Fund Awards and Webinars as of 8/2018\*



<u>Year</u>	<u>Researcher</u>	<u>Organization</u>	<u>Title</u>
2018	Dr. Andrew Hirons	Myerscough College	<a href="#">Enhancing the performance of urban storm water management schemes with tree selection: developing a new approach to accessing waterlogging tolerance in temperate trees</a>
2017	Dr. Richard Hauer	University of Wisconsin-Stevens Point	<a href="#">Sustainable Urban Forestry Planning Models and Decision Making Dashboard</a>
2017	Dr. Richard Hauer	University of Wisconsin-Stevens Point	<a href="#">WEBINAR: Municipal Forestry Baseline, Trends, and Dashboard</a>
2017	Dr. Kathleen Wolf	University of Washington	<a href="#">Urban Forests for Human Health: A Focused Economic Valuation"</a>
2016	Dr. Adam Berland	Ball State University	<a href="#">Evaluating virtual street tree surveys as a tool for municipal forest management</a>
2016	Dr. Susan Day	Virginia Tech	<a href="#">Urban Forests as Stormwater Systems—The role of canopy structure and ground cover in stormwater mitigation</a>
2015	Dr. Richard Hauer	University of Wisconsin-Stevens Point	<a href="#">WEBINAR: Emerald Cash Borer: It Will Cost You Money-Ways to Manage the Ash Cash Flow</a>
2015	Dr. Mohammad Asrafur Rahman	Technical University of Munich, Germany	<a href="#">Quantifying the cooling effectiveness of urban street trees in relation to their growth</a>
2013	Dr. David Chojnacky	Virginia Tech	<a href="#">Management of urban trees to meet canopy cover goals: Falls Church Residential Landscape Plan Comparison</a>
2013	Dr. Susan Day	Virginia Polytechnic Institute and State University	<a href="#">Improving stormwater capture of urban forests through soil rehabilitation</a>
2013	Dr. Alessio Fini	University of Florence	<a href="#">Effects of different sidewalk designs on soil characteristics and the growth &amp; physiology of shade tree species</a>
2013	Dr. Rich Hauer	University of Wisconsin-Stevens Point	<a href="#">Assessment of Municipal Urban and Community Programs in the US and Evaluation of Associated Community Capacity</a>
2013	Dr. Jordan Marshall	Indiana University-Purdue University Fort Wayne	<a href="#">Development and assessment of municipal ash tree management decision models</a>
2013	Dr. Justin Morgenroth	University of Canterbury	<a href="#">Image-based 3D Urban Tree Modeling</a>
2013	Dr. Mitchell Pavao-Zuckerman	University of Arizona	<a href="#">Characterizing urban forest functioning and ecosystem services with digital imaging</a>
2012	Dr. Sougata Bardhan	University of Missouri Columbia	<a href="#">Impact of storm water runoff on tree roots, physiology and rhizosphere microbial diversity in urban forests</a>

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2012	Dr. Travis Marsico	Arkansas State University	<a href="#">Determining influences of stream channelization and an invasive species on rate of canopy tree growth in an urban park</a>
2011	Dr. Richard Hauer	University of Wisconsin-Stevens Point	<a href="#">Economics and Emerald Ash Borer Management Strategies to resolve conflicts between trees and new LID stormwater best management practices</a>
2010	Dr. Susan Day	Virginia Tech	<a href="#">A novel way of measuring tree vitality in mature urban trees</a>
2010	Dr. Denise Johnstone	University of Melbourne	<a href="#">Water Use by Mix-and-Single-Species Urban Landscapes</a>
2008	Dr. Kurt Steinke	Texas A&M	<a href="#">Modeling Tree Growth to Better Predict Canopy Coverage in Urban Environments</a>
2008	Dr. Eric Wiseman	Virginia Tech	<a href="#">The Early Years: An Analysis of Street Tree Mortality and Survival in New York City</a>
2007	McGrath/ Greenfeld	NYC Parks & Recreation	<a href="#">Street Tree Decline and Construction Damage: Long term Impacts of Infrastructure Repair on the Survivability and Condition of Trees</a>
2006	Dr. Richard Hauer	University of Wisconsin-Stevens Point	<a href="#">Tree Loss Due to Urban Infrastructure Improvement</a>
2006	Gary Johnson	University of Minnesota	<a href="#">Improving Tree Root Growth and Reducing Urban Runoff by Combining the Use of porous Pavements and Structural Soils</a>
2005	Dr. Nina Bassuk	Cornell University	<a href="#">Development of a Formulative Expert Method to Integrate the Evaluation and Valuation of Heritage Trees</a>
2005	Dr. C.Y. Jim	University of Hong Kong	<a href="#">Pest Vulnerability Matrix (PVM): A Graphic Model for Assessing the Interaction Between Tree Species Diversity and Urban Forest Susceptibility to Insects and Diseases</a>
2005	Dr. Joe McBride	University of California, Berkeley	<a href="#">Scaling up from Leaves and Whole Plants: Quantifying and Modeling Landscape Water Use</a>
2003	Dr. William Bauerle	Clemson University	<a href="#">The Effects of Landscape Change on Urban Trees Resiliency</a>
2003	Dr. Chris Martin	Arizona State University	<a href="#">Ecological Change in the Urban Forest of Six Cities over 23 Years</a>
2003	Dr. Charles Wade	Michigan State University	<a href="#">An Economic Analysis of the Arboriculture Industry in the United States</a>
2002	Dr. Thomas Straka	Clemson University	<a href="#">Analysis of Tree Diagnoses Over a 20 Year Period</a>
2001	Barbara Burns	Vermont Dept. of Forests, Parks & Recreation	<a href="#">Developing Canopy Sizing Coefficients for Designing Better Parking Lot Canopy Ordinances</a>
2001	Dr. Jason Grabosky	University of Florida	<a href="#">Effect of Commercial Parking Lots on Size and Productivity of Landscape</a>
2001	Dr. Chris Martin	Arizona State University	

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2001	Dr. John Skelly	Pennsylvania State University	Developing an Air Quality Learning and Demonstration Center, Soliciting ISA Interests
2001	Dr. Randolph Wynne	Virginia Tech	An Automated Method for Using Air Photos to Determine the Amount of Carbon Removed from the Atmosphere by Urban Forests

\*Note: Website archives start in 2004.