

## ROBERT J. NORTHROP

Robert Northrop is the extension forester for the University of Florida IFAS Extension. The focus of his work involves teaching urban and community forestry to natural resource and landscape professionals; providing conservation planning assistance to local, state and federal governments and community associations; and applied research into the changing character and ecological function of the Tampa Bay Watershed's urbanizing forest. Before coming to Florida he worked as the technical watershed forester for the State of Maryland's Chesapeake Bay Restoration Program, Governor's Office of Maryland, and taught wildlife management at the University of Delaware.

### Publications

Koeser, A.K. and R.J. Northrop. 2017. Tree Planting Techniques. p. 376-389 *in* Ferrini, F., C. Konijnendijk van den Bosch and A. Fini (Editors) *The Routledge Handbook of Urban Forestry*, Routledge, Abingdon, Oxon, United Kingdom.

Dickerson, R., Turberville, J., Chilson, J. and R.J Northrop. 2016. Strategic Plan for Conservation and Environmental Lands of Hillsborough Florida.

Koeser, A.K., J.M. Vogt, R.J. Hauer, R.J. Northrop, and W. Peterson. 2016. The Cost of Not Maintaining Trees: Findings and Recommendations from an International Symposium and Summit. *Arboriculture & Urban Forestry*. 42(6):377-388.

Landry, S., Northrop, R.J., Andreu, M.G. and K. Beck. 2015. City of Tampa Urban Forest Management, Monitoring and Policy. *Florida Geographer* 45: online.

Koeser, A.K., Klwin, R.W., Hasing, G. and R.J Northrop. 2015. Factors driving professional and public urban tree risk perception. *Urban Forestry and Urban Greening* 14: 968-974.

Friedman, M.H., Andreu, M.G., Zipperer, W.C., Northrop, R.J. and Amr Abd-Elrahman. 2015. Species composition of forested natural communities near freshwater hydrological features in an urbanizing watershed of west central Florida. *The Florida Scientist* 78 (3/4).

Northrop, Robert J., Kathy Beck, Rob Irving, Shawn M. Landry and Michael G. Andreu. 2013. City of Tampa Urban Forest Management Plan. November 2013. City of Tampa, Florida.

Landry, Shawn M., Robert J. Northrop, Michael G. Andreu, and Carolyn C. Rhodes. 2013. City of Tampa 2011 Urban Forest Analysis: The Structure, Composition, Function and Economic Benefits of Trees and the Urban Forest. Final Report to the City of Tampa, September 2013. City of Tampa, Florida.

Wyman, M., Escobedo, F., Stein, T., Orfanedes, M., and R. Northrop. 2012. Community Leader Perceptions and Attitudes toward Coastal Urban Forests and Hurricanes in Florida. *Southern Journal of Applied Forestry* 36(3): 152-158.

Northrop, R.J. 2009. Development and Assessment of a Habitat Relationship Model for Terrestrial Vertebrates in the State of Maryland. 151 pp

Andreu, M. G., M. H. Friedman, S. M. Landry, R. J. Northrop, 2008. City of Tampa Urban Ecological Analysis 2006 – 2007. Final Report to the City of Tampa, April 24, 2008. City of Tampa, Florida. University of Florida Cooperative Extension Service FOR 203.

Northrop, R.J. Francisco Escobedo, and Jennifer A. Seitz. 2007. An urban forestry needs assessment for rapidly urbanizing Florida: Assessing Community Perceptions and Attitudes Toward Urban and Urbanizing Forests. In: *Proceedings Emerging Issues Along Urban/Rural Interfaces – Linking Land Use Science and Society*.

Twery, M.J. and R.J. Northrop. 2003. Watershed management using decision support technology. In: *Proceedings of the Society of American Foresters 2003 National Convention*.

Northrop, R.J. 2003. Source water protection through forest management: a contemporary ecological perspective. In: *Proceedings of the American Water Resources Association 2003 International Congress on Watershed Management for Water Supply Systems*.

Grove, J.M, Hinson, K., and R. Northrop 2003. “Social ecology approach to understanding urban ecosystems and landscapes.” In A.R. Berkowitz, C.H. Nilon and K.S. Hollweg, editors. *Understanding urban ecosystems: a new frontier for science and education*. Springer-Verlag, NY.

## **OTHER PUBLICATIONS**

Andreu, M. G., M. Friedman, R. Northrop. 2009. The Structure and Composition of Tampa’s Urban Forest. University of Florida Cooperative Extension Service FOR 209.

Andreu, M. G., M. Friedman, R. Northrop. 2009. Environmental Services Provided by Tampa’s Urban Forest. University of Florida Cooperative Extension Service FOR 204.

Escobedo, F., R.J. Northrop, W. Zipperer. 2007. Developing an Urban Forest Management Plan for Hurricane-Prone Communities. University of Florida – FOR 121. 11pp.

Northrop, R.J. 2000. City of Baltimore municipal reservoirs, incorporating forest management principles and practices. In: George E. Dissmeyer, editor. *Drinking water from forests and grasslands, a synthesis of the scientific literature*. USDA Forest Service. Gen. Tech. Rep. SRS-39.

Northrop, R.J. 1996. Urban forest ecosystem management. In: *Proceedings of the Society of*

American Foresters 1996 National Convention.

Thompson, E.R. and R.J. Northrop. 1991. Natural design in development, building cooperation and communication between private and public sectors. J. of Maryland Planning.

### **Synergistic Activities**

Co-coordinator, Tampa Bay Watershed Forest Working Group

This collaborative brings together participants from federal, state, regional, and municipal governments as well as professionals in the private sector (NGO & for profit). This collaborative fosters sharing of information and resources to enhance the sustainable management of the urban and urbanizing forests within the Tampa Bay watershed which covers a five county area in Central Florida. (2006-ongoing)

Director, Governor's Executive Committee on Trees and Forests in Maryland

Led an appointed group of political, natural resource agency and industry leaders in the development of policy and programmatic initiatives concerning forest and wildlife conservation for the Governor of Maryland. (1987 – 1996)

Executive Director, Alliance for the Maryland Forest

Led not-for-profit group whose principle activity was the organization and presentation of natural resource management education programs. (1987 – 1994)