

**2022 NJ WOODLAND STEWARDS
TRAINING AGENDA
(DRAFT)**

Thursday 9/22

Arrival/registration/check-in	4:00 – 5:15pm
Dinner	5:30 – 6:15pm
I. Welcome, introductions, orientation, overview	6:15 – 7:15pm

Objectives: 1.) Introductions/icebreaker; 2.) Identify objectives of the NJWS program; clearly define roles of project cooperators; obtain participants feedback regarding their expectations; identify level of expertise participants are expected to gain; 3.) provide a brief overview of the group's characteristics as per the application information; 4.) review available resources; 5.) brief introduction/description of NJ Woodland Stewardship Program.

Instructors: TBD, J. Caggiano, A. Kimm, J. Hooven, P. Zipse

I. Legal issues for forest landowners	7:15 – 8:15pm
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Objectives: To raise participants' awareness of: 1.) farmland assessment, local tree-cutting ordinances, trespass and liability; 2.) DEP environmental regulations regarding wetlands, floodplains and T & E species; 3.) brief overview of Pinelands and Highlands regulations.

Instructor: J. Caggiano

II. Brief background and forest history of the host property	8:15 – 8:45pm
Instructors: C. Hammond, D. Tavella	

III. Landowner objectives	8:45 – 9:15pm
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Objectives: 1.) Discuss why people own woodland; 2.) point out wide array of ownership objectives; 3.) establish that working with a professional forester can help determine a property's potential and objectives that may or may not be feasible.

Instructor: A. Kimm

Friday 9/23

Breakfast	8:00 – 8:30am
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Session 1. Forest & Wildlife Ecology

I. Forest Ecology 8:30 – 9:30am

Objectives: To present basic forest ecology concepts such as forest succession, shade tolerance, stratification, etc, including the dynamic relationships between wildlife populations and vegetation development.

Instructor: Dr. J. Grabosky

II. Silviculture and Forest Management 9:30 – 10:30am

Objectives: To provide an understanding: 1.) of managing forests for forest health, timber products and non-timber products; 2.) the concepts of site index, basal area, stocking, advance regeneration, etc; 3.) different harvesting systems for even-aged and uneven-aged management and how they are applied to hardwood and pine forests.

Instructor: D. Donnelly

Break 10:30 – 10:45am

III. Wildlife Ecology 10:45 – 11:45am

Objectives: To provide an understanding of: 1.) concepts of carrying capacity, food chains and webs, niche, edge; 2.) wildlife population dynamics and predator-prey relationships; 3.) components of wildlife habitat with examples of habitats elements found in woodlands: 4.) habitat fragmentation and travel corridors; 5.) pros and cons of edge; 6.) common wildlife signs; 7.) basic wildlife management practices used to manipulate habitat.

Instructor: NRCS Rep. TBD

IV. Resources Available to Forest Landowners – Technical Assistance 11:45 – 12:15pm

Objectives: 1.) To familiarize participants with USDA-Natural Resource Conservation Service and assistance in New Jersey; 2.) to familiarize participants with aid programs available and to whom to send others, in different situations and for different needs; 3.) clarify the cost-share and various other programs available.

Instructor: NRCS Rep. TBD

Lunch 12:30 – 1:15pm

VI. Field Session 1:15 – 5:00pm

Objectives: Using the host's woodlot to 1.) demonstrate and discuss the ecology and management concepts presented earlier; 2.) discuss how various forest measurement tools are used; 3) review a section of woods being actively managed

Instructors: NRCS Rep. TBD, D. Donnelly, J. Hooven, P. Zipse, J. Grabosky, J. Ottinger

Dinner 5:30 – 6:30pm

Session 2. Fire and New Jersey's Forests

I. Fire and Forestry in New Jersey 6:30 – 7:30pm

Objectives: 1.) To provide participants with a background and understanding of the NJ Forest Fire Service and the role fire has played in NJ forests, including a brief history of prescribed fire laws as it pertains to the Prescribed Burn Act; 2) the role that fire has played in South Jersey ecology; 3) how prescribed fire can be used as a management tool; 4) what opportunities exist for the getting prescribed fire on the ground in NJ.

Instructor: N. Valerio, G. Effinger

II. FireWise Program 7:30 – 8:30pm

Objectives: To introduce the 'FireWise Program' to participants and provide them an understanding of what the program is, how it's implemented and who to contact.

Instructor: N. Valerio, G. Effinger

Session 3. Important Topics for Thought and Planning

I. Goals, Roles and Responsibilities, Risk Management, and the Organization 8:30 – 9:00pm

Objectives: To review with the participants the goals of the Program, what their roles are and the respective and expected responsibilities, and how it all 'works' in the Program.

Instructor: J. Ottinger

Saturday 9/24

Breakfast 8:00 – 8:30am

Session 4. Tree Identification

I. Tree Identification 8:30 - 9:00am

Objectives: To provide participants with basic methods and procedures for identifying trees common to New Jersey's forests.

Instructors: K. Hunt

II. 1st Field Session

Objectives: Outdoor Session - Tree Identification 9:00 - 11:00am

Instructors: P.Zipse, J. Hooven, K. Hunt, J. Ottinger

Break 11:00 – 11:15am

Session 5. Forest Wildlife Management

I.	Your back woods: forestry management considerations for New Jersey's bats, bugs and birds Instructor: S. Petzinger	11:15 – 12:30pm
	Lunch	12:30 – 1:15pm
II.	Reptiles and amphibians of New Jersey's vernal pools: how not to miss the trees -herps! for the forest! Instructor: S. Petzinger	1:15 – 2:30pm
	<u>Objectives:</u> Discuss the ecology, management, issues and considerations of New Jersey's wildlife species, including those requiring early successional habitat, in relation to private woodlot owners.	
III.	2nd Field Session	2:30 – 5:30pm
	<u>Objectives:</u> 1.) To reinforce 'on the ground' the day's topics of wildlife and forest management and the logical integration on the same woodlot. Instructors: S. Petzinger, J. Hooven, P. Zipse, J. Shuart	
	Dinner	5:30 – 6:30pm

Session 6. Topics for Additional Thought and Planning

I. Developing a Forest Management Plan 6:30 - 7:15pm

Objectives: 1.) To discuss the considerations and decision-making processes involved in integrating objectives for timber, wildlife, recreation, and endangered species; 2.) to describe the elements of a management plan using an example of a well-managed area as an illustration; 3.) review the tools and resources used by a professional forester to develop the plan (soil survey, plot sampling, aerial photos, etc); 4.) how to interpret an aerial photograph; 5.) how to get assistance from natural resource professionals; 6.) help participants define their own management priorities.

Instructor: S. Partridge

II. Marketing Forest Products 7:15 – 8:00pm

Objectives: 1.) To help participants understand how to implement habitat and timber management prescriptions; 2.) to define the role that timber harvesters and foresters play in implementing management; 3.) to discuss options available to landowners for harvesting and other operations; 4.) the basic “do’s and don’t’s” of marketing forest products in general, and timber in particular; 5.) the attributes of a good logging job; 6.) the importance of sensible written contracts.

Instructor: S. Partridge

III. New Jersey's Forest History 8:00 – 8:30pm

Objectives: To provide participants an understanding of: 1.) the historical influence of human activity on New Jersey's forests; 2.) the historical importance of this point in time for the forest resource; 3.) their roles from an historical perspective as stewards of the land; 4.) present-day forest use, problems and issues.

Instructor: J. Shuart

IV. The Human Factor 8:30 – 9:00pm

Objectives: To learn and discuss the human factors that guide and influence our treatment of the forest. To learn the 5 W's of the forest under demand by our society; wood/(w)resources, water, wildlife, (w)recreation and (w)relaxation. To briefly explore the conflicts of those demands from our forests in our society.

Instructor: J. Hooven

Optional evening bonfire/dining hall fireside chats 9:00pm-?

Sunday 9/25

Breakfast 8:00 – 8:30am

Session 7. Water and Forests; Invasive Species

I. Forests and Water 8:30 – 9:15am

Objectives: To familiarize participants with the interaction of forests and water and the importance of healthy forests for water quantity and quality.

Instructor: A. Rowe

II. Invasive Insects 9:15 – 10:00am

Objectives: To learn about more common invasive insects threatening trees in NJ, ecological impacts and management techniques.

Instructor: P. Zipse

Break 10:00 - 10:15am

III. Non-native Invasive Plants in the Woodlot 10:15 - 11:15am

Objectives: To familiarize participants with the primary invasive plants, including how to identify them, recommended controls and how to incorporate controls into their management plans.

Instructor: TBD

II. Field Session 11:15 – 12:30pm

Objectives: To identify invasive species in the field on the property.

Instructors: P. Zipse, J. Ottinger, J. Hooven, TBD

Lunch 12:30 – 1:00pm

Session 8. Urban Forestry; and Your Volunteer Project

I. Urban and Community Forestry 1:00 – 1:45pm

Objectives: Introduce the group to the concept of urban and community forestry. Discuss the groups associated with U&C forestry in NJ. Discuss the importance of the urban forest and riparian buffers in the urban forest.

Instructor: N. Polanin or P. Zipse

II. What Kinds of Things Can Volunteers Do? 1:45 – 2:15pm

Objectives: Generate a list of concrete ideas for outreach activities that participants can do in their communities.

Instructor: J. Ottinger

III. Roundtable – Questions 2:15 – 3:00pm

Objectives: To allow participants to ask and discuss questions regarding any aspects of the workshop. To engage participants on what sort of projects they may want to do for their necessary volunteer time.

Instructors: P. Zipse, N. Polanin, J. Hooven, J. Ottinger

II. Evaluations, Wrap-up and Awards 3:00 – 3:15pm

Adjourn

Virtual (Pre-program video)

Identifying Management Interests and Objectives for the Woodlot

Objectives: 1.) To provide a framework to assist participants to determine their management objectives and to verbalize those objectives; 2.) to indicate the level of management necessary for different types of objectives.

Instructor: J. Hooven