

Strike Team 15th Annual Conference – October 5, 2022 - Duke Farms



9:00 am – 9:15 am	Check-In, CEU Signups, Continental Breakfast
9:15 am – 9:30 am	Welcome: Thomas Almendinger, Director of Natural Resources and Agroecology, Duke Farms
9:30 am – 9:45 am	State of New Jersey Invasive Species Michael Van Clef, Strike Team <ul style="list-style-type: none"> • Review of Strike Team activities and species updates
9:45 am – 10:45 am	PANEL: Aquatic Invaders Heather Desko, New Jersey Water Supply Authority Chris Doyle, Naiad Consultants Emily Mayer, Raritan Headwaters Association Chris Smith, NJDEP Division of Fish & Wildlife <ul style="list-style-type: none"> • Adaptive Monitoring & Management with case studies • Status updates on invasive fish species • Hydrilla Treatment and Infestation Updates • New Jersey Aquatic Invasive Species Plan
10:45 am – 11:00 am	BREAK
11:00 am – 12:00 pm	Seeding Ecosystems of the Future Evelyn Beaury, Princeton University <ul style="list-style-type: none"> • Interactions between species invasions and climate change necessitate proactive decision making that will determine what our ecosystems look like in the future. This talk will cover how to minimize risks of invasions while promoting native biodiversity via assisted migration and climate-smart gardening
12:00 pm – 1:00 pm	LUNCH – Provided by Strike Team
1:00 pm – 2:00 pm	Status of New Jersey Forest Pests and Pathogens Rosa Yoo, NJ Forest Service <ul style="list-style-type: none"> • Forest Health Update: What’s new in 2022
2:00 pm – 3:00 pm	Life by the drop: The environmental DNA revolution in biodiversity conservation Julie Lockwood, Rutgers University <ul style="list-style-type: none"> • By capturing the DNA that all living creatures leave in their environment (water, soil, air, on surfaces) we can identify species combining cutting-edge molecular techniques and old-fashioned natural history knowledge. Environmental DNA can be used in a variety of conservation scenarios including restoration, wildlife management, and invasive species prevention and control.
3:00 pm – 4:00 pm	Demonstrations - Cool Tools and Techniques Michael Bellaus, Duke Farms and Beth Craighead, Strike Team <ul style="list-style-type: none"> • Comparing relative success of application methods • Control methods to prepare for restoration • Demonstration of various application techniques for specific invasive species in challenging situations