



2023 Vermont Maintenance Workshop Tuesday, June 6th, 2023



EDUCATION SESSION DESCRIPTIONS

8:15 AM – 9:00 AM

Electric Vehicles – EV Equipment battery care & maintenance

Dana Clawson & Gary Garrison

A comprehensive presentation about EV's and robotics that goes beyond batteries and chargers. This presentation will include what incentives are out there, what incentives are available for municipalities, battery care and maintenance, and making sure you have the tools and mechanical expertise available to maintain your fleet.

Urban Tree Care

Kyle Mason, VT Dept. of Forests, Parks & Recreation

Session will cover tree planting, pruning, and common urban tree health issues. You will gain a common understanding of how trees function so you can care for your trees more effectively and prevent common tree issues found in domestic settings.

Stormwater Runoff / Water Quality

Dave Wilcox, VT Dept. of Forests, Parks & Recreation

This course will cover the importance of the Acceptable Management Practices (AMPs) and good water quality practices in general on forestland. Participants will discuss the Lake Champlain Total Maximum Daily Load (TMDL), and how Vermont is going about reducing the movement of phosphorus within the forestland sector through implementation of the Forest Road Erosion Inventory. Participants will gain an understanding of how the Agency of Natural Resources (ANR) monitors and protects water quality on its own forestland, and will learn about the benefits of implementing a forest road erosion inventory.

9:35 AM – 10:20 AM

Climate Change – What's expected to change and what changes we'll need to make

Dana Clawson, Environmental Sustainability Coordinator for the Town of Hartford, VT

Session will cover the basics of what climate change is, what the impacts will be, and how mitigating and adopting to climate change will likely impact municipalities' daily operations. Talk will cover preparing for hotter, wetter weather and best practices for lowering municipal greenhouse gas footprints.

Basic Trail Maintenance, Sustainability, & Safety

Kathryn Wrigley, VT Dept. of Forests, Parks & Recreation

An overview of trail corridors and the maintenance it takes to maintain them. This will highlight techniques for regular maintenance and help draw the line between when an issue may cross from regular maintenance into problem area that needs dedicated attention.

Blending Facility Maintenance into the Design and Budget Process

Frank Spaulding, Parks Project Manager, VT FPR

How much time and money will be needed to maintain a new or renovated facility? The answer to this is often determined at the earliest stages of design. The impact of layout and material choices on these potential costs continue until its finally yours to maintain when it's done. This session will show the role of maintenance planning, standards and procedures in the design process, and how to use these discussions to drive balanced design decisions. Learn how to determine the cost of maintenance effort to help during the design, but also to show others inside and outside your organization what will be needed for ongoing staffing, equipment, supplies and money to care for this investment.

Invasive Species & Riparian Buffers

Lina Swislocki, VT Dept. of Forests, Parks & Recreation

In this session we will talk about what invasive plants are, how they move and grow, and why we care. We'll cover what FPR is doing to address invasive plants on State-owned lands and provide some management resources for attendees to continue this work on their own.

Drafting a Maintenance Management Plan (small scale)

Frank Spaulding, Parks Project Manager, VT FPR

In this session you will learn tips & tricks for creating a maintenance management plan suitable for smaller departments.

Field Maintenance: Between the Blades: Synthetic Turf Testing and Maintenance

Arthur Eddie, RePlay Maintenance

RePlay Maintenance and Traverse Landscape Architects have conducted a survey of a wide range of parks directors, athletic directors, sports turf managers, and facilities directors who are in charge of the care of synthetic turf fields. The survey indicated that, while the sports turf managers are qualified, the practices for keeping a synthetic field at its optimum performance is confusing and unclear. Sports turf managers are well versed in grass fields but, left with limited information on the true care and maintenance of synthetic turf fields and most are sold that there is limited to no maintenance. This session is intended to give parks directors and facilities directors an understanding of how testing methods and maintenance methodology can be applied to keep quality of play at the highest level and safest for the athlete. We will dive into the science built around synthetic fields to show the impacts that a lack of maintenance versus a well-maintained field can have on longevity, performance and safety.

Ice Arena Facility Tour

Rick Marshall, Memorial Sports Center Manager

Attendees will learn about arena programming, usage, & operations.

AFTERNOON ROUNDTABLE DISCUSSION TOPICS

After lunch, attendees will have time to participate in three 30-minute roundtable discussions.

- Energy Efficiency in Parks / Automatic equipment
- New Rec. Facilities (Pickleball & Tennis Courts, etc.)
- Safety with mowers / machines
- Playground Maintenance & Safety
- Pool Maintenance & Construction
- Using Compost & managing litter and wildlife waste
- Alternatives to leaf blowers
- Field Maintenance
- Pesticide Use / Organic Fertilizers
- Campgrounds
- Ice Rinks