

# Transportation Resilience Planning Tool Training

The **Vermont Transportation Resilience Planning Tool** (TRPT) is a statewide web-based application that identifies bridges, culverts and road embankments that are vulnerable to damage from floods, estimates risk based on the vulnerability and criticality of roadway segments, and identifies potential mitigation measures based on the factors driving the vulnerability.

The tool's distinctive feature is in the innovative methodology used to categorize flood vulnerability as well as the conveyance of this information to be accessible by technical and non-technical audiences. The TRPT is designed to inform a range of applications and stages of decision-making that include:



**Training Session:** Participants will learn how to navigate the tool, apply the results to prioritize needs, and inform the development and evaluation of alternatives to mitigate flood vulnerability.

*Trainings are intended to educate a wide variety of users, including municipal staff, project designers, professional planners, state agency staff, and other regional and non-profit organizations.*

## Agenda

<b>Part 1. Introduction</b>	Transportation Resilience
<b>Part 2. Case Studies</b>	Instructor-led applications –projects in planning and implementation stages
<b>Part 3. Planning scenarios</b>	Exploring tool criteria (highest risk site in basin or number of vulnerable sites)
<b>Part 4. Student exploration</b>	Hands-on time for participant case studies
<b>Part 5. Wrap-up</b>	Final questions/comments and evaluation

## INSTRUCTORS

**Roy Schiff, PE, PhD:**  
SLR Consulting, Water Resources Engineer and Scientist.

**Evan Fitzgerald, CPESC:**  
Fitzgerald Environmental Associates, LLC.

## 2023 TRPT Training Calendar

VTrans will be offering multiple sessions in coordination with [Vermont's RPCs](#).

For information on future dates contact Sara Williams, VTTC ([sara.williams@vermont.gov](mailto:sara.williams@vermont.gov); 802-477-3361).

Thurs., May 4th  
NVDA — St. Johnsbury, VT

Thurs., May 25th  
MARC — Ascutney area

Tues., June 13th  
TRORC — Bethel, VT

Thurs., June 22nd  
NRPC — St. Albans area

Tues., July 18th  
CCRPC — Winooski, VT

Thurs., August 24th  
WRC — Brattleboro area

Tues., September 19th  
BCRC — Bennington area

Tues., October 17th  
RRPC — Rutland, VT

Thurs., November 30th  
ACRPC — Middlebury, VT

## Contact For General TRPT inquiries:

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