

4.2.3

Damage Site Assessment

Presenter

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Co-Presenter

In the aftermath of Tropical Storm Irene, the Vermont Agency of Transportation responded with a herculean effort to repair the transportation system and reopen the entire highway network before the winter season. After the completion of the emergency response, the agency spent significant time reflecting on the effort and the lessons learned. The lessons learned were utilized by a small task group that was tasked with the review of the temporary repairs and the identification of sites that were still requiring permanent repair work. Using the lessons learned during the initial response, this group was able to review over 650 damage sites utilizing GPS units, GPS cameras and mobile devices to make this task an efficient field collection process that recorded all field information digitally, programmatically associated photos to sites and provided data back to management in a responsible timeframe.

Bio(s):

Kevin Viani has been doing Asset Management with the Agency of Transportation for the last 5 years. He has recently been tasked to help bring Asset Management to our Operations Division. He graduated from the University of Vermont with a degree in Environmental Studies, concentration in GIS and is currently a student in the Champlain College School of Business. More importantly, he lives in central Vermont with his wonderful wife Heather, 20 minutes from the ski hills and a couple hundred yards from world class mountain bike trails.