



NExUS Needs Assessments Mon Nov 19 17:05:39 EST 2018

Need	Critical climate threshold monitoring to inform infrastructure planning
Description	From Vermont Agency of Transportation 8/13/2012: Research should be undertaken to identify climate related thresholds that may lead to a significant increase in infrastructure deterioration. The creation of thresholds allows for efficient allocation of resources given the wide range of possible climate scenarios. The use of thresholds is particularly valuable in the case of flooding because of the large uncertainties inherent in future forecasts of precipitation data. Thresholds allow policy makers to avoid costly over-adaptation while maintaining contingency plans for possible climate scenarios.
Type	- PRODUCTS: Plans, Assessments, Studies - PRODUCTS: Regulatory/ Policy Guidance
Discipline	- Climate Society Interactions
Sector	- Infrastructure
Region	- Regional Or State -- New England
Source	Vermont Agency of Transportation Climate Change Adaptation White Paper: "Adapting Vermont's Transportation Infrastructure to the Future Impacts of Climate Change"