

ICNet Members' New England Research & Project Survey



Research/Project Focus	Vulnerability, Criticality, Resiliency & Adaptation of Transportation Systems Subject to Climate Change
Research/Project Description	Development of vulnerability assessment tools and identification of cost-effective adaptation options for state transportation assets in six towns in Maine.
Primary Category*	Roads Bridges Culverts
Geographic Location	Communities of Bath, Topsham, Bowdoinham, Georgetown, Phippsburg and Scarborough
Funding	MaineDOT & Federal Highway Administration
Contact	Charles Hebson, MaineDOT: Charles.Hebson@maine.gov
Infrastructure sectors effected, subject area	Bridges and Highways
For modeled climate or sea level rise projections, AOGCM or other sources used	SLR provided by Maine Geological Survey (Peter Slovinsky)
Other Information, data, models, used	COAST Tool

Time periods analyzed	Mid – Late 21 st Century
Status /Date submitted to ICNet	In progress – recently started. Submitted to ICNet 10,2013
Brief key findings to date	N/A
Key publications/reports?	N/A
Other information (e.g., web links to technical reports).	http://www.fhwa.dot.gov/environment/climate_change/adaptation/

*** Categories: Roads, bridges, and culverts; Pavement and/or soils; Hydrology (study of data/floods); Environmental/water resources (stormwater, drinking water); Transportation assets (network); Climate model output**