ICNet Members' New England Research & Project Survey

Research/Project Focus	Assessment of New Hampshire Master Plans
Research/Project Description	Provide an assessment of past and future climate change in New Hampshire to inform the development of new master plans that integrate the concepts of "sustainable communities" as well as planning for future climate change
Primary Category*	Climate model output
Geographic Location	New Hampshire
Funding	HUD Sustainable Communities Initiative
Contact	Cameron Wake, UNH: Cameron.Wake@unh.edu
Infrastructure sectors effected, subject area	
For modeled climate or sea level rise projections, AOGCM or other sources used	SRES Emission Scenarios A1fi, B1; output from 4 GCMs (CCSM3, PCM, GFDL Cm2.1, HADCM3) Models show range of climate sensitivity, continuous daily output available for both emission scenarios, well-established models extensively described in peer-reviewed literature
Other Information, data, models, used	meteorological data; other climate change indicators (e.g., lake ice-out date);

Time periods analyzed	1895-2000
Status /Date submitted to ICNet	In progress. Submitted Oct, 2013
Brief key findings to date	NH will be warmer and wetter; more extreme precip events; many more hot days; shorter and warmer winter; less snow.
Key publications/reports?	N/A
Other information (e.g., web links to technical reports).	N/A

*** 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**