



NExUS Ongoing Projects and Activities Sun Dec 16 06:28:26 EST 2018

Name	Space-Time Properties of Extratropical Storms Along the US Northeastern Seaboard - Present and Future
Description	Extratropical storms are associated with well-defined circulation patterns that affect the location of coastal impacts and their intensity. Using newly available reanalyses of weather data of the past century and more, we will generate robust estimates of probabilities by frequency, spatial extent, track, and intensity of storms that affect the Northeast coast and close by inland regions and determine trends and variability patterns. In particular we will explore the possibility of creating information that is conditional on large-scale circulation states such as those related to the El Niño/Southern Oscillation and the North Atlantic Oscillation phenomena.
Category	- Climate-change Specific Projects
Sector	- Public Health and Safety - Infrastructure
Focus Area	- Coasts and Climate Resilience (including sea-level rise) - Changes in Extremes of Weather and Climate
Region	- Regional Or State
Status	- Ongoing
Lead Agencies	Consortium for Climate Risk in the Urban Northeast (CCRUN)
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