Participatory Climate Research in a Dynamic Urban Context

Activities of the Consortium for Climate Risk in the Urban Northeast (CCRUN)

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SUMMARY

The Consortium for Climate Risk in the Urban Northeast (CCRUN) is one of eleven teams funded under NOAA’s Regional Integrated Sciences and Assessments (RISA) program. A partnership of five universities, CCRUN serves stakeholder needs in assessing and managing risks from climate variability and change. The only RISA team with a principle focus on climate adaptation in urban areas, CCRUN is designed to address the complex challenges that are associated with densely populated, highly interconnected urban settings, which include: urban heat island effects; poor air quality; intense coastal development, and multifunctional settlement along inland waterways; complex overlapping institutional jurisdictions; integrated infrastructure systems; and highly diverse, and in some cases, fragile socioeconomic communities. In its sixth year, CCRUN has begun to expand its focus to include a range of different sizes and types of cities in the region. The network’s structure enables local needs for targeted climate-risk information to be served in a coordinated way.

ABOUT CCRUN

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INTEGRATED PROJECT FRAMEWORK

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3) INTEGRATED PROJECT FRAMEWORK

4) INTEGRATED PROJECT FRAMEWORK

CONCLUSIONS

As CCRUN’s focus has evolved towards extreme weather events such as Hurricane Sandy, we are developing a broad set of tools and activities, including those described here, to enhance stakeholder-science interactions and support resilience.

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