



Upstate Update

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Climate Change Mitigation Strategies for Land and Water Resources

“Though New York State is well endowed with water resources, expected changes in the earth’s climate could significantly impact the amount, intensity and timing of future precipitation. In addition, sea level rise and the possibility of increased coastal storm intensity will increase the likelihood of coastal flooding. Current management of land and water resources is generally based on the climate record of the past 50 years. Looking ahead, we need to consider land and water resource management strategies, including infrastructure design and deployment, which will be effective under a range of possible future climates. Such strategies could include employing no-regret options, taking advantage of low-cost margins of safety, and building flexible and adaptable institutional and policy frameworks. In the long run, adapting to climate change will require engagement of and coordination between all levels of government, as well as the public and private sectors.” *Susan J. Riha, Cornell University*

Resources

(titles link to sources on-line)

Upstate New York in Profile: Trends, Projections, and Community & Economic Development Issues – pgs. 50-60

State of Upstate New York Initiative: Post-Conference Proceedings, October 2011 – page 12

See CaRDI’s January Research & Policy Brief:

January 2012, “The Heat is On: From Subways to Dairy Barns, Is New York Ready for Climate Change?” by Amanda Garris, Cornell University, Reprinted with permission from the Fall 2011 issue of CALS News Magazine

New York State Water Resources Institute

Cornell Cooperative Extension Climate Change Program Work Team fact sheets on climate change.

For more information on Climate Change and Water Resources, contact:

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The *Upstate Updates* are monthly highlights of one of the nine topic areas covered in the *State of Upstate New York Initiative*, the Community & Regional Development Institute’s (CaRDI) on-going effort to provide up-to-date data, research, and other information to inform dialogue around important community and economic development issues in the Upstate New York region. For access to our statewide network of experts on this month’s topic, please contact the individual listed above. For more information on the *State of Upstate New York Initiative*, access to our publication series, news on upcoming trainings, and other resources, please visit the CaRDI website at: www.cardi.cornell.edu.