



Harvard Municipal Vulnerability Program

Agricultural Workshop #2

Climate Change and Agriculture in the Northeast – A Brief List of Resources

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Adaptation Workbook – web site to work through Forests, Urban Forests and Agriculture. Need to register. <https://adaptationworkbook.org>

Climate Change Adaptation Workshops: A Planning Guide for Local Govt. Need to register.

<https://www.cakex.org/tools/climate-change-adaptation-workshops-planning-guide-local-government-staff>

Climate change adaptation in New England agriculture. A fact sheet overview. Produced by the Manomet Center for Conservation Science. https://www.manomet.org/wp-content/uploads/old-files/Agriculture_fact_sheet%205-13.pdf

Climate change and pests. Northeast Reg. IPM Center. Resources related to pest management and climate change in the Northeast. <https://www.northeastipm.org/about-us/signature-programs/climate-change-and-pests/>

Climate Smart Farming. <http://climatechange.cornell.edu/our-mission/climate-smart-farming/> Part of the Cornell Institute for Climate Smart Solutions. Access decision tools here: <http://climatesmartfarming.org>

Comprehensive Assessment of Soil Health. Cornell Univ. Analyzes the health of soils and makes recommendations to improve soil health. <https://soilhealth.cals.cornell.edu>

AUBURN

Janowiak, Maria K.; Daniel N. Dostie, Michael A. Wilson, Michael J. Kucera, R. Howard Skinner, Jerry L. Hatfield, David Hollinger, and Christopher W. Swanston. Adaptation Resources for Agriculture: Responding to Climate Variability and Change in the Midwest and Northeast. U.S. Department of Agriculture, Washington, DC Technical Bulletin 1944. 2016.

BOSTON

<https://www.climatehubs.oce.usda.gov/sites/default/files/AdaptationResourcesForAgriculture.pdf>

PORTLAND

PORTSMOUTH

Hristov, A. N. et al. 2016. Climate change effects on livestock in the Northeast US and strategies for adaptation. Climatic Change (2018) 146:33–45. A scientific journal article describing just what it says.

Magdoff, F. and H. van Es. Building Soils for Better Crops. Sustainable Soil Management. 3rd edition. Sustainable Agriculture Research and Education (SARE), USDA, 2009. http://bit.ly/Build_Healthy_Soil



USDA Climate Hubs. <https://www.climatehubs.oce.usda.gov> . A wealth of resources developed by a collaboration of USDA and Land Grants. There are Regional Hubs, one in the Northeast.

UMass Center for Agriculture, Food & Environment. UMass Extension. A wealth of resources for managing crops and livestock more sustainably. Includes IPM information, irrigation in general and for specific areas.

<http://ag.umass.edu/resources/agriculture-resources>

Wolfe, D., J. Beem-Miller, L. Chambliss, A. Chatrchyan, H. Menninger. 2011. Farming Success in an Uncertain Climate. Cornell eCommons.

https://ecommons.cornell.edu/bitstream/handle/1813/54950/CornellClimateChange_Farming-Success-in-an-Uncertain-Climate_FINAL-2l8vftg.pdf?sequence=1

U.S. Climate Resilience Toolkit - Northeastern agriculture. General information on potential impacts of climate change. Part of a national set of resources.

<https://toolkit.climate.gov/regions/northeast/ecosystems-and-agriculture>