

# Forests, Urban Trees, and Climate Change

Delaware Valley Regional Planning Commission  
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## **Sarah C. Low: Grants and Other Opportunities (Updated 10/24/2016)**

*Sarah Low is the Field Station Team Leader and Biological Scientist at the US Forest Service Northern Research Station, where she leads a group of researchers and practitioners who focus on the role trees, forests, and natural resources play in making cities more livable. For more information, contact her at [sclow@fs.fed.us](mailto:sclow@fs.fed.us).*

*Many of the opportunities below were compiled by the local Urban Waters Ambassador, Krista Heinlen. To get on the Urban Waters Federal Partnership – Delaware River Site Newsletter, send an email to Krista at [krista.heinlen@davey.com](mailto:krista.heinlen@davey.com).*

### **GRANTS**

National Science Foundation Environmental Sustainability Program -- due **October 20, 2016** - The goal of the Environmental Sustainability program is to promote sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems. These systems provide ecological services vital for human survival. Research efforts supported by the program typically consider long time horizons and may incorporate contributions from the social sciences and ethics. The program supports green, ecological, and earth system engineering research that seeks to balance society's need to provide ecological protection and maintain stable economic conditions. Click here for additional information. [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=505338](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505338)

The Nature Conservancy Grants for K-12 Schools-- due **October 31, 2016**- The Nature Conservancy will be awarding grants to support projects which implement green infrastructure as a way to address local environmental challenges. These include access to healthy food, air quality, heat island effect, climate change, or storm water collection. In this grant, young people will work as social innovators to help their communities with project design and implementation. A \$2,000 grant will be awarded to 55 schools. More details can be found here. <https://www.natureworkseverywhere.org/grants/>

U.S. Fish and Wildlife Service Small Grants-- due by **November 3, 2016** - The U.S. North American Wetlands Conservation Act Small Grants Program is a competitive, matching grants program that supports public-private partnerships carrying out projects in the United States that further the goals of the North American Wetlands Conservation Act. These projects must involve long-term protection, restoration, enhancement and/or establishment of wetlands and associated uplands habitats for the benefit of all wetlands-associated migratory birds. A 1:1 match is required. Research funding is ineligible. Detailed information can be viewed here. <https://www.fws.gov/birds/grants/north-american-wetland-conservation-act/how-to-apply-for-a-nawca-grant.php#us-small>

Agriculture and Natural Resources Science for Climate Variability and Change Challenge Area-- due **November 17, 2016** - The National Institute of Food and Agriculture at USDA requests applications for the Agriculture and Food Research Initiative to support research to facilitate the adaptation of agroecosystems and natural resource systems to climate variability and the implementation of mitigation strategies. Learn More and Apply. <https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-agriculture-and-natural-resources>

USDA Farm to School Grant for FY 2017 Due **December 08, 2016**-- USDA anticipates awarding approximately \$5 million in grant funding to support efforts that improve access to local foods in schools. Applicants may apply for a Planning grant, Implementation grant, Support Service grant or Training grant. Planning grant awards will range from \$20,000 - \$45,000 and implementation grants and support service grant awards from \$65,000 - \$100,000. Details can be found here. <http://www.fns.usda.gov/fy17-farm-school-grant>

USDA Forest Service Community Forest Program. Applications must be received by **January 13, 2017**. Local governments, qualified nonprofit organizations, and Indian tribes are eligible to apply for grants to establish community forests through fee simple acquisition of private forest land from a willing seller. Information about how to apply is found in the Federal Register Notice and on the Community Forest Program website. <http://www.fs.fed.us/spf/coop/programs/loa/cfp.shtml>  
<https://www.gpo.gov/fdsys/pkg/FR-2016-10-20/pdf/2016-25334.pdf>

2017 Wood Innovations Grants Program Request for Proposals during national forest products week, USDA announces \$7 million to expand wood products and wood energy markets: <http://www.usda.gov/wps/portal/usda/usdahome?contentidonly=true&contentid=2016/10/0226.xml> The deadline for proposals is **Jan. 23, 2017**. Information on how to apply is available on the Wood Education and Resource Center website. <http://www.na.fs.fed.us/werc/wip/2017-rfp.shtml>

The Knight Cities Challenge seeks new ideas that make the 26 communities where Knight invests more vibrant places to live and work. The challenge is offering \$5 million for innovative projects that answer the question: What's your best idea to make cities more successful? Meet the 37 winners of the 2016 Knight Cities Challenge. <http://www.knightfoundation.org/challenges/knight-cities-challenge>

US EPA Brownfields Grant Program - EPA's Brownfields program provides direct funding for Brownfields assessment, cleanup, revolving loans, and environmental job training. To facilitate the leveraging of public resources, EPA's Brownfields Program collaborates with other EPA programs, other federal partners, and state agencies to identify and make available resources that can be used for Brownfields activities. In addition to direct Brownfields funding, EPA also provides technical information on Brownfields financing matters. - <https://www.epa.gov/brownfields/types-brownfields-grant-funding>

## EVENTS AND WORKSHOPS

Longwood Gardens Class - US Forestry Service Climate Change Specialist Leslie Brandt will provide information on the current and anticipated effects of climate change on trees and forests in the Delaware Valley. Discuss which trees may be more adaptable or vulnerable, along with projected changes in hardiness zones in the coming decades. Participants will learn methods and approaches for adjusting to these anticipated changes. The session will also highlight real-world examples of climate change adaptation in forest management and tree care in the region. <https://longwoodgardens.org/events-and-performances/events/caring-trees-changing-climate-class>

CUSP and The Franklin Institute will host The Waterways of a Changing Climate as part of FI's Speaker Series Thursday, November 10 from 6:30 – 8:00pm. Panelists will engage in a conversation about water and climate from the depths of the ocean to our own backyard. Issues will include the unexpected impacts of extreme storms and changing shorelines, how the interplay between weather and climate is likely to change our region, and suggestions on innovative solutions for human adaptation. CUSP will also be coordinating a Climate City for the event. More details and a link to register can be found here: <https://www.fi.edu/event/2016-11-10/franklin-institute-speaker-series>