USDA Forest Service

Urban Forest Connections

webinar series

Second Wednesdays | 1:00 – 2:15 pm ET

www.fs.fed.us/research/urban-webinars

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NUCFAC HIGHLIGHTS: CLIMATE CHANGE IMPACTS AND ADAPTIVE STRATEGIES

Lance Davison
Chair
National Urban and Community Forestry Advisory Council

Graeme Lockaby
Associate Dean, School of Forestry and Wildlife Sciences
Auburn University

Wayne Zipperer
Research Forester
USDA Forest Service

Andy Whitman
Director, Sustainable Economies Program
Manomet
NATIONAL URBAN & COMMUNITY FORESTRY ADVISORY COUNCIL
STEWARDING A VISION FOR THE FUTURE
NUCFAC (COUNCIL) PURPOSE

1990 Farm Bill
- Address the present health & future preservation of our nation’s Urban & Community Forests (UCF)
- Council synthesizes full spectrum of views for UCF
- Advises Secretary of Agriculture on UCF Program & its service to UCF community
- Foundation for practical UCF policy

Photo credit: Amigos de los Rios
• 15 members representative of UCF
• USDA – FS Executive Staff
• Leadership & Work Teams
  • Council Chair & 3 work team leads
  • Work Teams:
    • National UCF Action Plan Implementation / Outreach
    • Annual Report to Secretary
    • National UCF Cost Share Grant Program
COUNCIL CHARTER

NATIONAL UCF ACTION PLAN
- Progress update
- Policy guidance
- Goals & Strategies
- Needs: Research, Funding

ANNUAL REPORT TO SECRETARY
- Recommendations
- Accomplishments

UCF CHALLENGE COST SHARE GRANTS
- Funding assistance
- Unique & impactful projects
- National implications
STEWARDING THE NATIONAL UCF ACTION PLAN

- A unifying guide for all of Urban & Community Forestry

- VISION: Urban & Community Forests increase sustainability, wellness, resilience in all communities

- MISSION: Help all communities create urban & community forests that are diverse, healthy and accessible for all citizens
NATIONAL UCF ACTION PLAN

7 GOALS

- Goals => funding needs => research needs
- Council role
  - Facilitate development
  - Steward implementation
- Plan available at: www.urbanforestplan.org
NATIONAL UCF ACTION PLAN
RESEARCH NEEDS & STRATEGIES

1. Understand Ecosystem / Ecological Services
2. Promote Human & Community Health
3. Planting, Inventory & Analysis for Forest & Environmental Health
4. Anticipate Pests, Threats, Climate and Associated Changes & Risks
5. Enable Civic Stewardship & Improved Local Governance
6. Integrate Knowledge Networks and Data for Urban Socio-Ecological Systems
2016 RECOMMENDATIONS TO SECRETARY OF AGRICULTURE

Promote the National UCF Action Plan

Create and maintain healthy communities

Align Federal Agency resources around improved coordination and research to support UCF Program nationwide
NATIONAL UCF COST-SHARE GRANT PROGRAM

GUIDING PRINCIPLES

- Further Urban and Community Forestry across disciplines
- Projects with national significance
- Innovation that advances management, research and development to support UCF
- Alignment with priorities established by the National UCF Action Plan
NATIONAL UCF COST-SHARE GRANT PROGRAM
ANNUAL GRANT CYCLES

2016
- Grant Categories Determined and Announced
- Pre-proposals Due
- Pre-proposals reviewed by NUCFAC Grants Team
- Proposals Due
- Proposals reviewed by NUCFAC Grants Team
- Grant awarded by Forest Service
- Project carried out

2017
- Grant Categories Determined and Announced
- Pre-proposals Due
- Pre-proposals reviewed by NUCFAC Grants Team
- Proposals Due
- Proposals reviewed by NUCFAC Grants Team
- Grant awarded by Forest Service
- Project carried out

2018
- Grant Categories Determined and Announced
- Pre-proposals Due
- Pre-proposals reviewed by NUCFAC Grants Team
- Proposals Due
- Proposals reviewed by NUCFAC Grants Team
- Grant awarded by Forest Service
- Project carried out
NATIONAL UCF COST-SHARE GRANT PROGRAM 2015

- $795,447 in funding for 5 projects
- Additional $1.2 million in match leveraged by applicants

Grants will:
- Enhance urban forest stewardship
- Support new employment opportunities
- Build resilience in the face of a changing climate
NATIONAL UCF COST-SHARE GRANT PROGRAM 2016

- Awards being finalized, to be announced soon!

- Grants will:
  - Analyze and provide solutions for development impacts on urban and community forests
  - Build human health through UCF
  - Evaluate climate change impacts on trees and water

Photo credit: Christine Gyovai
NATIONAL UCF COST-SHARE GRANT PROGRAM
2017

- Grant categories:
  - Develop a national UCF funding assessment and methodology
  - Better understand UCF ecosystems & environmental services

Photo credit: Kathleen Wolf
THE COUNCIL LOOKING TO THE FUTURE

- Steward a National UCF Agenda in partnership with:
  - USDA Forest Service, Sustainable Urban Forests Coalition & all of UCF

- Engage with UCF community
  - National UCF Action Plan: www.urbanforestplan.org
  - Raise awareness: http://www.fs.fed.us/ucf/nucfac.shtml
  - Continue to steward an effective Council & leadership
  - Additional questions:
    - Lance Davison, Council Chair – lance.davisson@gmail.com

- Additional goals:
  - National UCF Action Plan: www.urbanforestplan.org
  - Raise awareness: http://www.fs.fed.us/ucf/nucfac.shtml
  - Continue to steward an effective Council & leadership
  - Additional questions:
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Ten-Year Urban Forestry Action Plan (2016-2026)

Goals and Strategies

- Goal 1: Planning
- Goal 2: Human Health
- Goal 3: Resiliency, Equity, and Leadership
- Goal 4: Environmental Health

- Plan Vision
  - Urban and Community Forests Increase Sustainability, Wellness, and Resilience in All Communities

- Plan Mission
  - Help All Communities Create Urban and Community Forests that are Diverse, Healthy, and Accessible for All Citizens.
TODAY’S GRANT HIGHLIGHTS

- Impact of Urban Conversion on Human Health (2012 Award)
  - Graeme Lockaby, Auburn University
  - Wayne Zipperer, US Forest Service

- Managing Urban Forests to Increase Community Resilience to Climate Change (2010 Award)
  - Andy Whitman, Manomet Center for Conservation

Photo credit: TV Canopy Network