Healthy Trees, Healthy Cities Overview and Update

Continental Dialogue 2015
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CHALLENGES:

- EXCESSIVE HEAT
- POOR AIR QUALITY
- INADEQUATE PLANNING & URBAN DESIGN
- DISCONNECTION FROM NATURE
- BIODIVERSITY LOSS
- FLOODING & POOR WATER QUALITY
Nature’s Solutions For Resilient Cities

- Improving water quality & mitigating flooding
- Protecting coastal communities
- Alleviating poor air quality and heat islands
- Safeguarding urban biodiversity
- Connecting people with nature
INTEGRATE NATURAL SOLUTIONS INTO CITIES TO MAKE THEM RESILIENT TO URBANIZATION, NATURAL DISASTERS, AND CLIMATE CHANGE.

FLOURISH
BY REIMAGINING A CITY AS A PLACE. ENGAGING CITIZENS AND FOCUSING ON HEALTH & WELLBEING.

LIVABLE
BY ADDRESSING CHRONIC PUBLIC HEALTH ISSUES SUCH AS AIR QUALITY AND HEAT ISLAND EFFECT.

RESILIENT
TO URBANIZATION, NATURAL DISASTERS, AND CLIMATE CHANGE.
To protect the health of our nation’s trees and forests and the well-being of communities by creating a culture of stewardship that engages people in the planting, care, and stewardship of urban trees and forests.
### Collaborate
Partnership Building with Government Agencies, Local and National Organizations

### Science
Science-based Urban Forest Assessment, Health Monitoring, and Early Pest Detection

### Support
Training and Outreach Material, Application and Tool Development

### Engage
Community-based Volunteer Urban Forest Management

### Empower
Youth Empowerment and Leadership Development

### Motivate
Public Outreach Campaign
1. National and Local Partnerships
2. Science-based Urban Forest Assessment
Urban Tree Health Monitoring with USFS

Tree 36
Stress Index -0.783

Tree 75
Stress Index -0.009

Tree 65
Stress Index 1.3

Images Courtesy of Dr. Rich Hallett, USFS
3. Educational Resources and Tools

1. **Training Powerpoint** 14 Presentations for major pests
2. **In Person Trainings** designed for diverse audiences
3. **3 Short Instructional Videos** available on YouTube
   - Planting
   - Pruning
   - Stewardship
4. **Smart phone apps** for pest reporting, with training videos
4. Community-based Volunteer Urban Forest Management
5. Youth Leadership and Job Training

https://www.youtube.com/watch?v=uKgR6g7f9Bk
Looking Forward…

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