Urban Waters Federal Partnership

Green Duwamish Watershed
Seattle – King County
Urban Waters Federal Partnership
a national initiative with local roots

13 federal agencies participating/23 NGOs
GD-UWFP Program

Principal Federal Partners

- USFS, PNW Research
- USFS, State & Private Forestry
- EPA
- NRCS
- Tracy Stanton (Ambassador/Coordinator)

7 Pilots in 2012
11 Added in 2013
Only site in Pacific NW
UWFP Goals

- Promote conservation, clean water
- Promote cross-agency partnerships
- Reconnect people to their waterways
- Advance social equity & environmental justice
- Spur local economic benefits & jobs
UWFP Operational Approach: Collective Impact Model

Work through existing multi-stakeholder initiatives:

- WRIA 9
- PSP (Federal Caucus)
- Regional Open Space Strategy
- GCRA
- Local/regional government
- Local/regional NGOs

Opportunity triage . . .

- Reconnect people to their waterways
- Advance environmental justice
- Create local economic benefits & jobs
Current Projects

- Duwamish River Blueprint – WRIA9, EPA, USFS
- Duwamish Valley Youth Corps – DRCC/TAG
- Inventory of Existing Activities across the Watershed (a mapping tool)
- Green Infrastructure and Human Health – King County, GCRA, UW
- Healthy River/Healthy Communities – DRCC/TAG
- Middle Green Riparian Restoration, Fish-Farms-Floods– EPA, USFS, NRCS
- Ecosystem Services Valuation and Framework – Earth Economics
- Return on Investment Analysis for North Winds Weir – Earth Economics

Seattle Street
Street Edge Alternative
Green Cities Research Alliance

Sustainable cities through science, policy, and citizen action

USDA Forest Service
Pacific NW Research Station

UW Remote Sensing & Geospatial Lab
University of Washington
Parks & Recreation Division
City of Seattle

FORTERRA
EARTH CORPS
Institute for Culture and Ecology
International Forestry Consultants, Inc.
Project Highlights

Urban Forest Assessments

Forest Ecosystem Values (i-Tree) – City of Seattle
Forest Landscape Assessment Tool – King County

sampling all of Seattle

all King County parks & open spaces
Project Highlights
Citizen Stewardship Assessments

Citizen Stewardship Motivations
Stewardship Mapping of Organizations
Project Highlights
Public Health Research

Green Cities: Good Health
Science Delivery

Urban Forest & Human Health Benefits
tree loss & resident health


www.greenhealth.washington.edu
GCRA
Research Themes and Accomplishments

Future Applications

GREEN INFRASTRUCTURE
- Natural Resources Assessment
  - Forest Landscape Assessment Tool
  - iTree Forest Ecosystem Values

URBAN WATERS PARTNERSHIP
- Ecosystem Restoration
  - Urban Resources Monitoring
  - Restoration Economics

CIVIC STEWARDSHIP
- Civic Stewardship
  - Stewardship Mapping
  - Volunteer Stewardship Engagement

ECOSYSTEM SERVICES
- Ecosystem Services
  - Forest Ecosystem Values
  - Urban Agriculture

HUMAN HEALTH & WELL BEING
- Green Cities: Good Health
  - Urban Forest Health Outcomes
  - Residential Choice Location

Socio-Ecological Systems :: Landscape Gradient

Completed projects 2009 - present

Wolf, 2013
Salmon, Trees, Habitat, Water, People, Economy

When we tug at a single thing in nature
We find it attached to the rest of the world

- John Muir
Comments & Questions

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http://www.urbanwaters.gov/seattle/index.html