



**CENTER FOR URBAN FOREST
RESEARCH**
Pacific Southwest Research Station
USDA Forest Service
Dr. Greg McPherson, Director
1 Shields Avenue, Suite 1103
Davis, California 95616-8587
(530) 752-7636
Fax: (530) 752-6634
<http://cufr.ucdavis.edu>

Urban Forest Research News Brief

September 2003

Dr. McPherson Presents Educational Session at APWA Congress

On Sunday, August 24, 2003, Dr. Greg McPherson made a presentation to the American Public Works Association at their annual Congress in San Diego, CA. The title of his presentation was “**Urban Forestry: Benefits and Drawbacks of City Trees.**”

Here are some highlights of his presentation:

Our Center’s research quantifies benefits and costs of street and park trees. Although results are specific to each of the cities we studied, trends have been identified:

- Mature shade trees provide annual benefits that range between \$40-80 per tree, while management costs are only \$15-30 per tree.
- In hot, arid climates, increasing street tree shade by 20% increases the pavement condition index 11%. This extends the resurfacing cycle from 6 to 13 years and reduces preventive maintenance costs by 50%.
- In regions with winter rainfall, planting large-stature evergreens increases rainfall interception to as much as 4,000 gallons per tree annually.
- See more in full article.

Visit our website to view entire article under “What’s New”: <http://cufr.ucdavis.edu/index.html>