



PIERCE CONSERVATION DISTRICT

— Over 70 Years of Conservation —

DEPAVE PARADISE AT YOUR PARKING LOT

Robb Krehbiel

Green Stormwater Program Manager



OVERVIEW

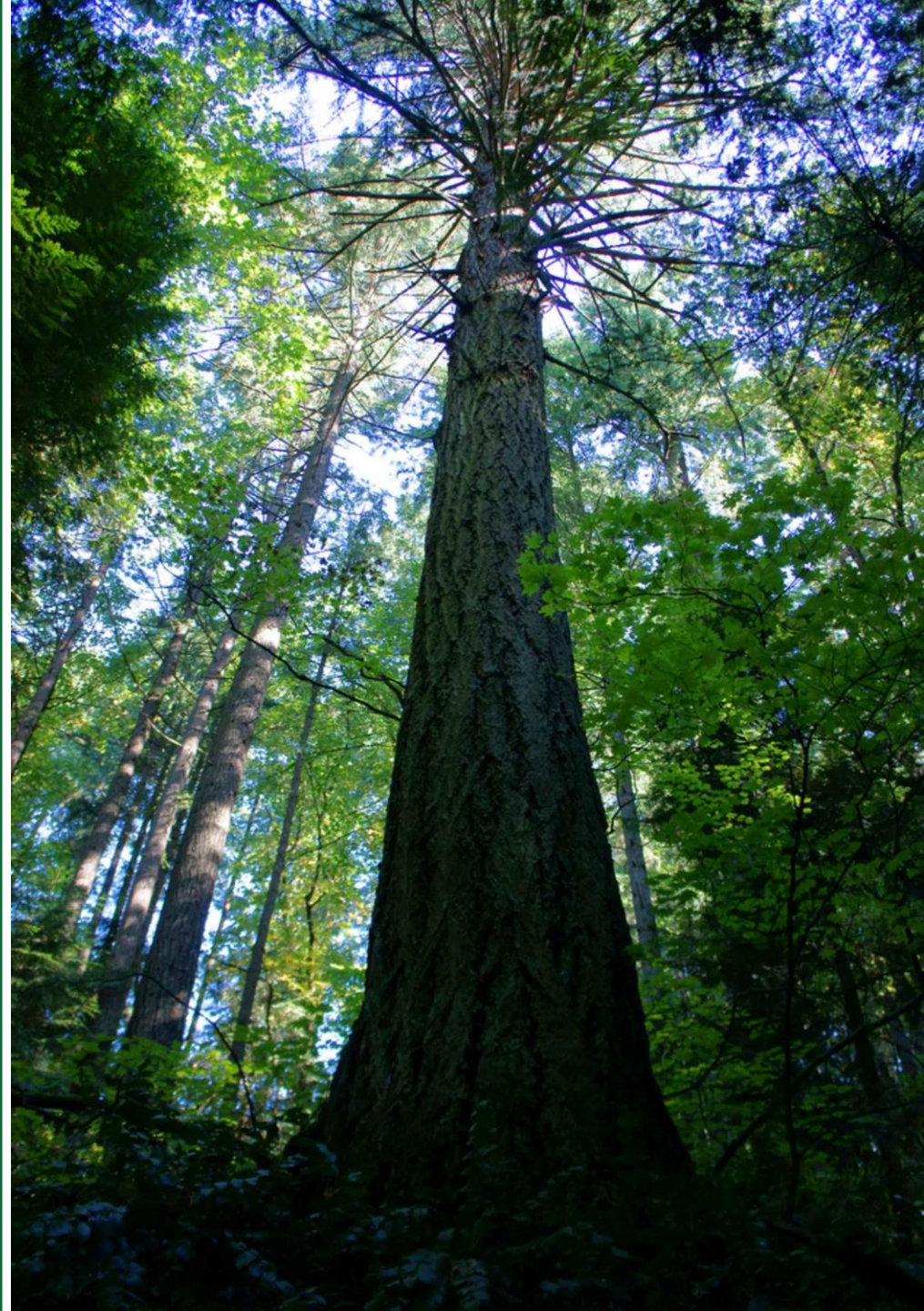
THE PROBLEM WITH PAVEMENT
Water quality
Urban heat island

DEPAVE
Pavement Is Not
Permanent
How it works in Tacoma

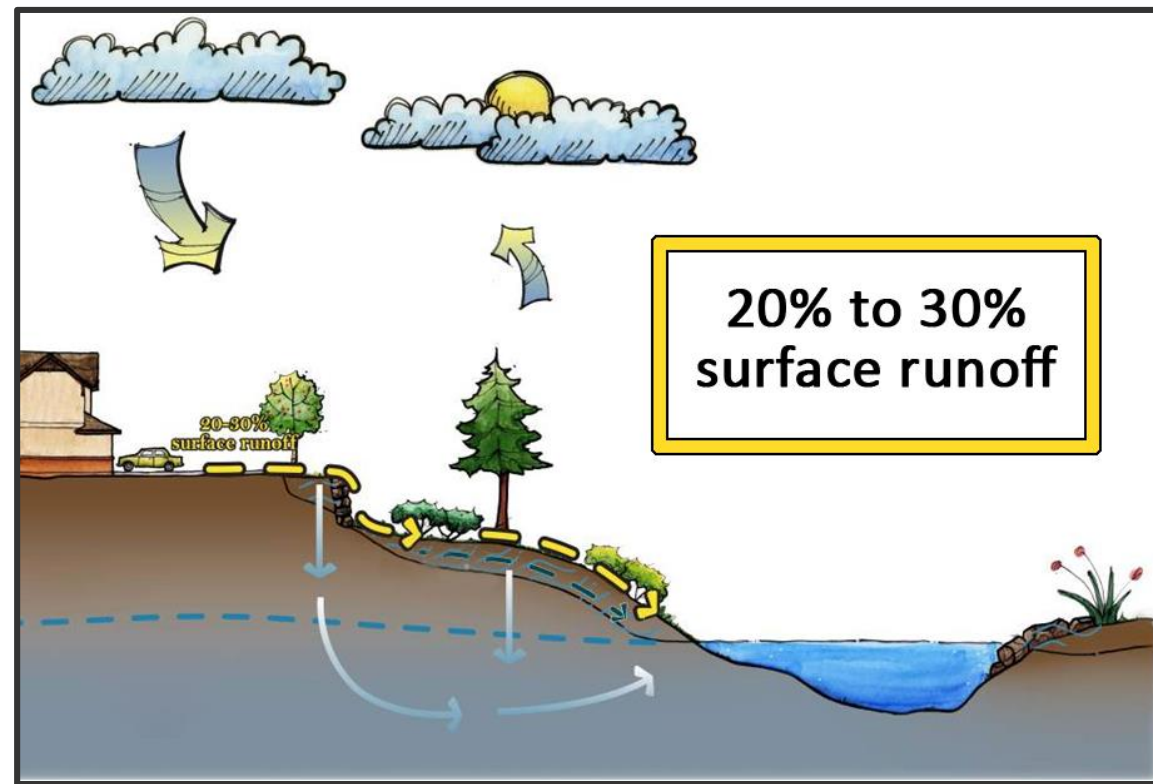
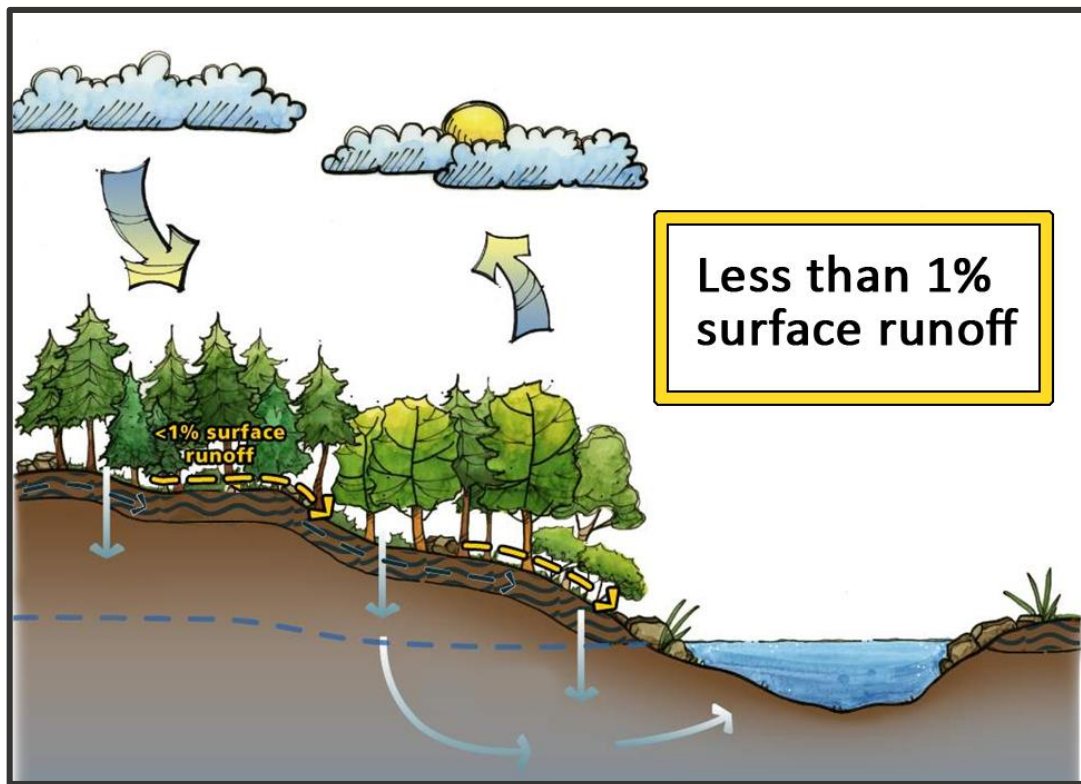
EXAMPLES
Green Stormwater Mini-
Grants
Canoe Landing
Peck Parking Lot
South D Street



TAKE-AWAYS
Lessons Learned



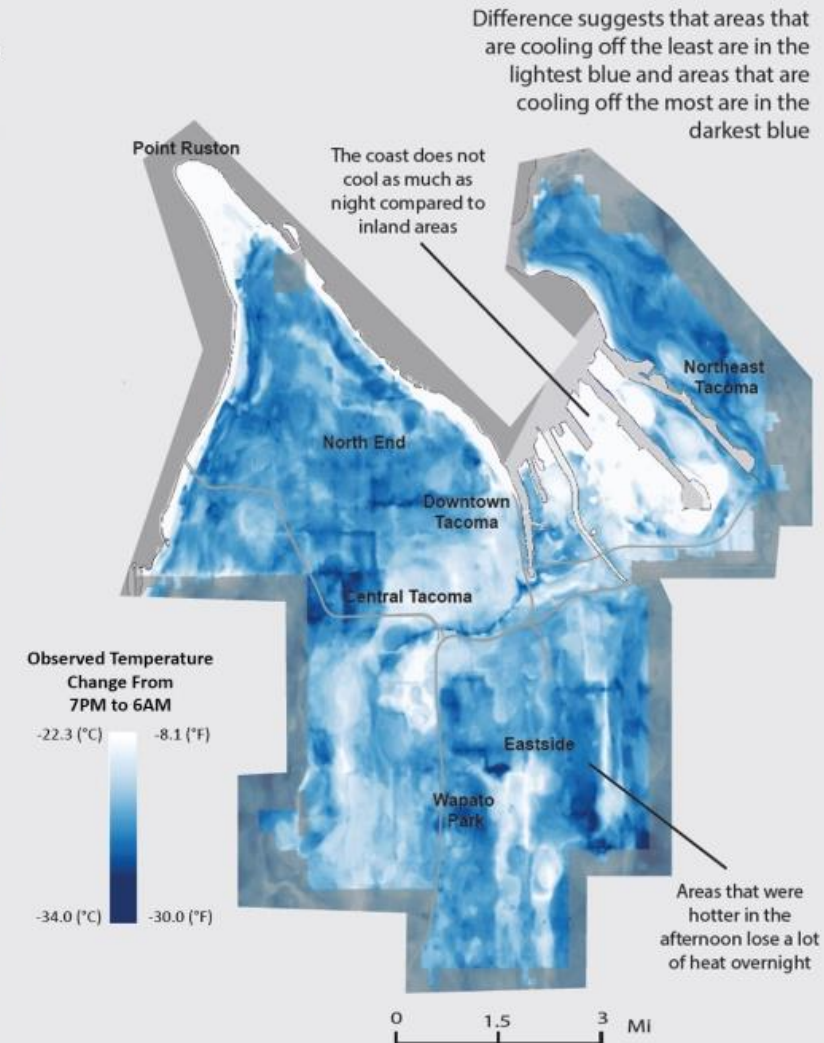
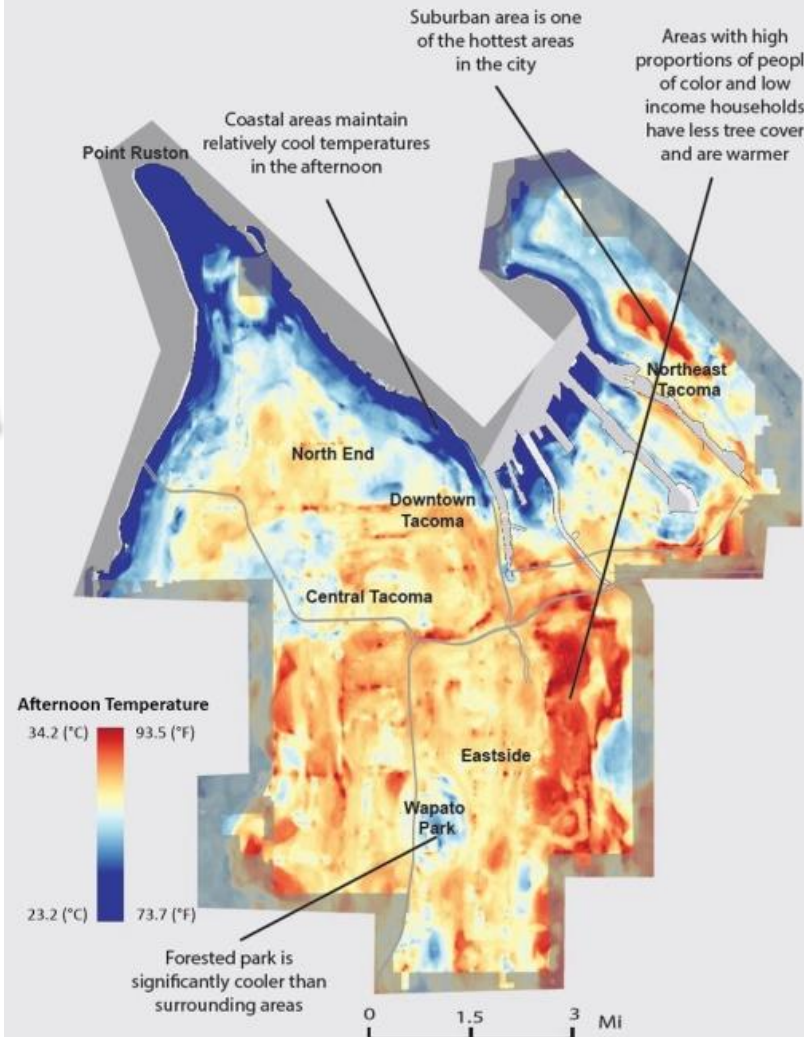
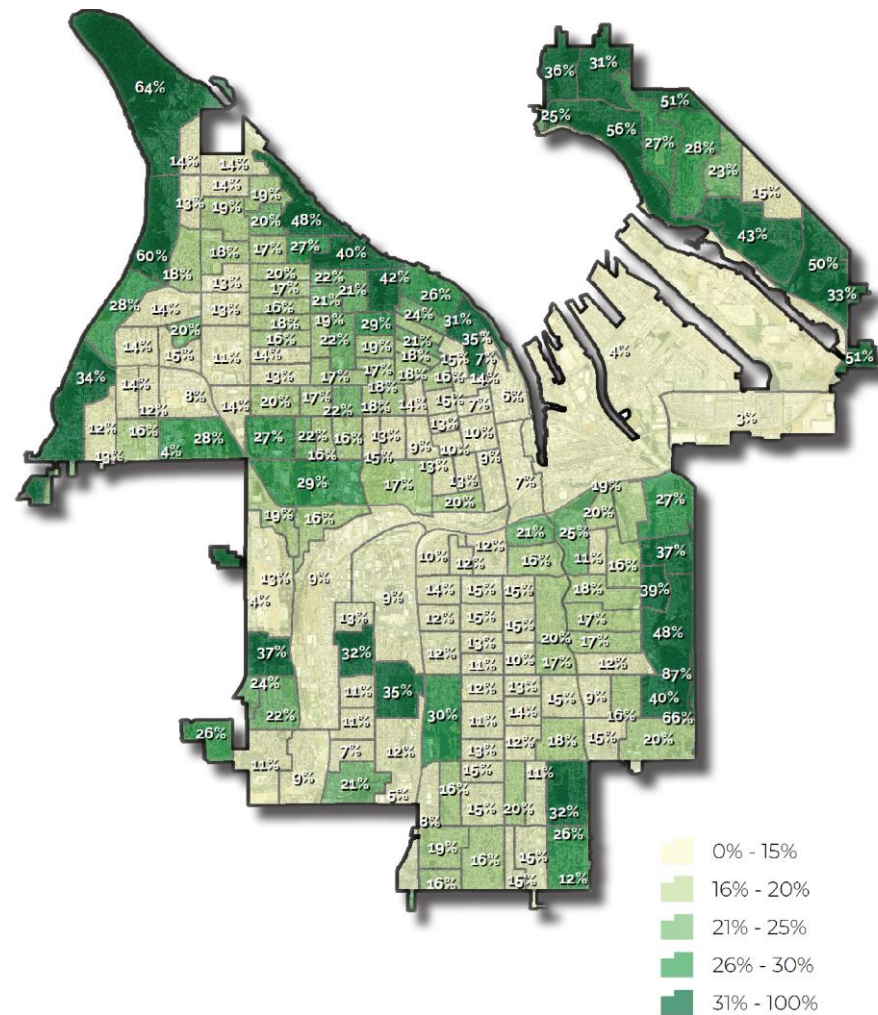
THE PROBLEM WITH PAVEMENT: WATER QUALITY



THE PROBLEM WITH PAVEMENT: WATER QUALITY



THE PROBLEM WITH PAVEMENT: URBAN HEAT ISLAND AFFECT



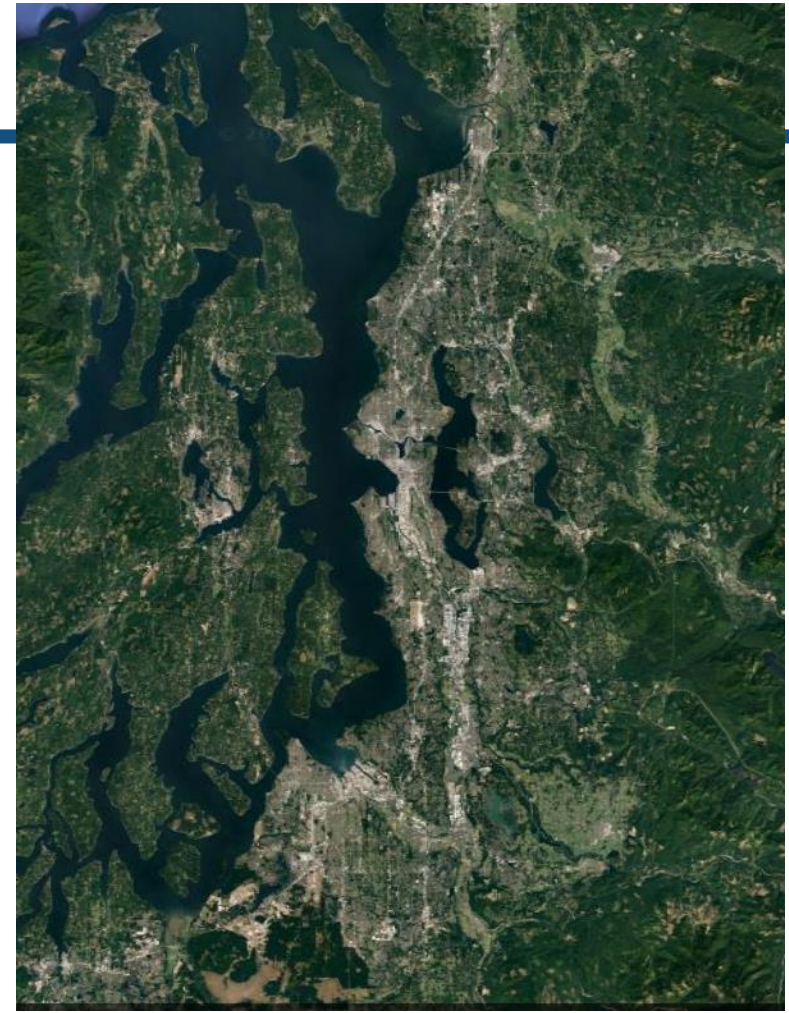
1972



1996



2023



THE PROBLEM WITH PAVEMENT

DEPAVE: PAVEMENT IS NOT FOREVER!



DEPAVE: HOW IT WORKS IN TACOMA



- City has a budget of \$75,000 for in-kind services, materials, and permits.
- PCD secures funding for plants, coordinates volunteers, and designs the project.
- Site nominations come to us from community members and city departments.



Depave Site Criteria

1. Does the depave area drain to public right of way?
2. If on private property, will applicant sign Temporary Construction Permit to provide City access and hold City harmless to prep pavement?
3. Is the area to be depaved accessible for city of Tacoma crew and their equipment?
4. Does the applicant commit to maintain the depaved area landscaping for at least 10

DEPAVE: HOW IT WORKS IN TACOMA



Tacoma



SURFACE WATER



SOLID WASTE



WASTEWATER

ENVIRONMENTAL SERVICES DEPARTMENT



EXAMPLE: GREEN STORMWATER MINI-GRANTS



EXAMPLE: CANOE LANDING



EXAMPLE: PECK PARKING LOT



EXAMPLE: SOUTH D STREET



Tacoma Tree
Foundation



Site Prep



Planting Day



TAKE-AWAYS

Lessons Learned

- Maintenance and watering for first 3 years is very important to get plants established.
- Pick plants that can tolerate heat and drought, and it's ok to plant densely.
- Community involvement is key, but staff support is needed for projects to succeed.

Keys to Success

- Projects have community support because they come from and involve the community.
- In-kind materials and services from the City keep costs lower for community members.
- Volunteer events are also used as engagement opportunities to educate and motivate.



Questions?

A close-up photograph of a bumblebee with black and orange fur, perched on a vibrant purple flower. The bee is positioned on the right side of the frame, facing left. To the left of the bee is a cluster of small, bright yellow flowers. The background is a soft, out-of-focus green, suggesting a natural, outdoor setting. The overall image has a naturalistic and serene feel.

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