

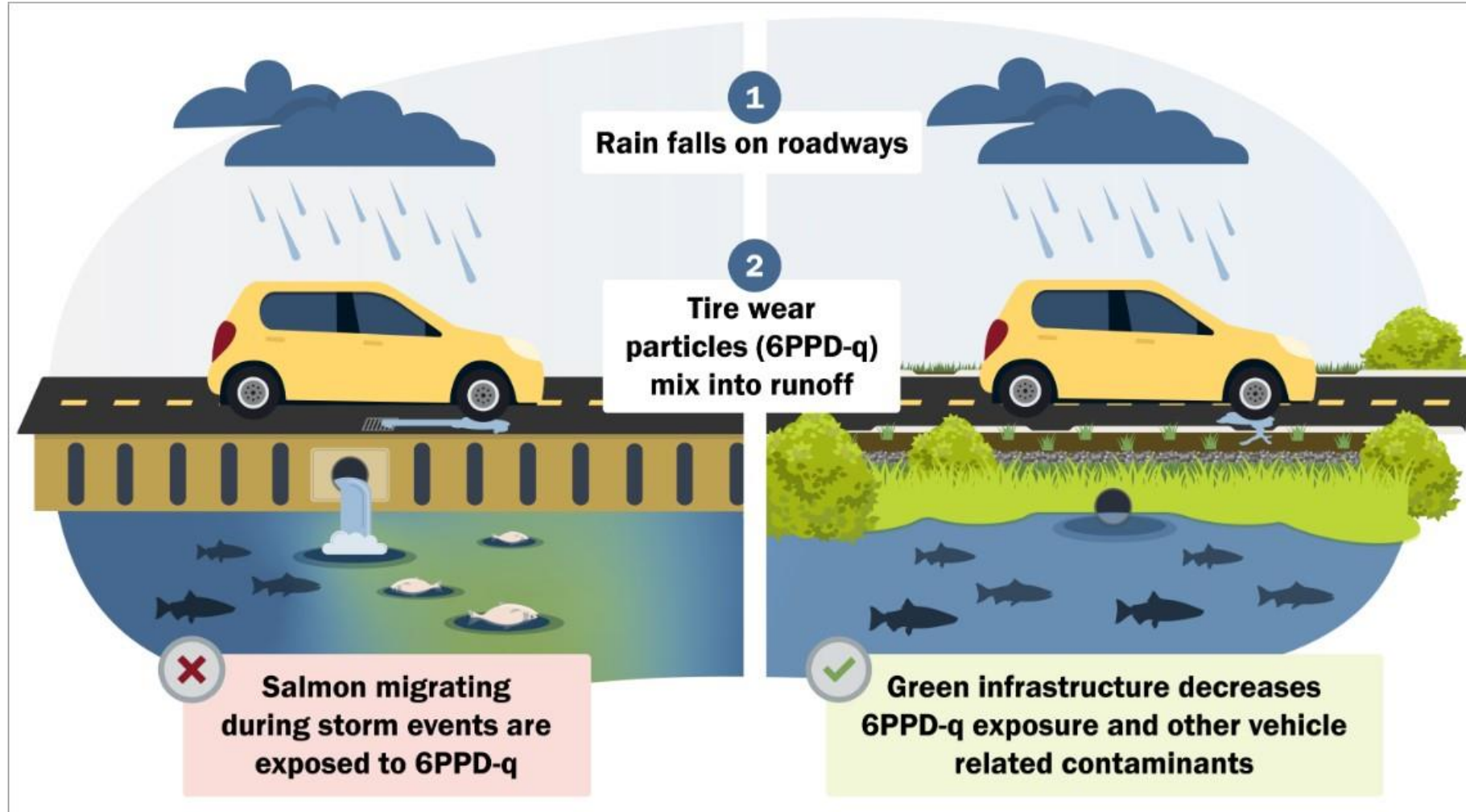
# Integrating Stormwater Solutions into Comprehensive Plans

Passport to 2044  
September 19, 2023





# Puget Sound Recovery and Stormwater



Urban Runoff Mortality Syndrome in Puget Sound [StoryMap](#)





# One Water

- One Water emphasizes all water has value
- Encourages interdisciplinary approach to working together to prevent and solve water challenges
- Interdisciplinary training on One Water principles can provide a strong foundation for working collaboratively on solutions
- Look for resources from Puget Sound Partnership





# APA Water and Land Network



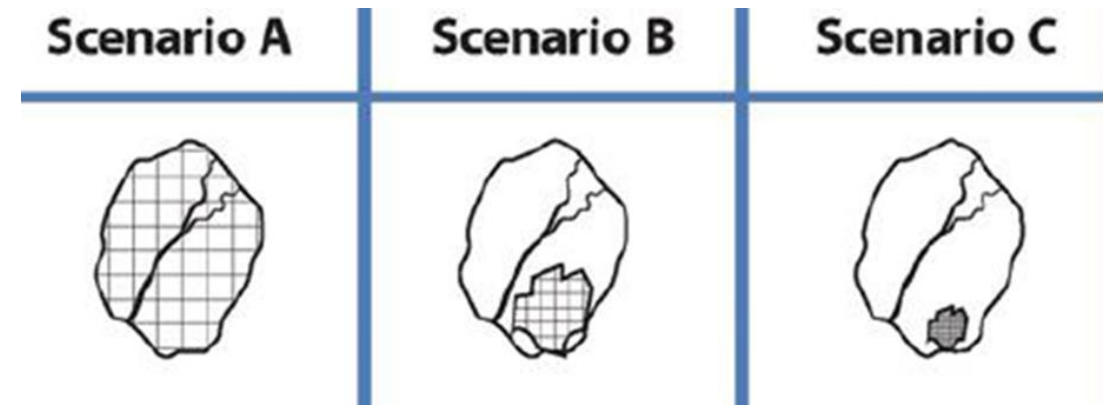
- Forum for interdisciplinary exchange of ideas and planning methods
- Operates as communications and information sharing network for best planning practices
- Reflects current research, science, policy and technology for protection, management and use of water resources and utilities
- Email [water@planning.org](mailto:water@planning.org) to join the Water and Planning Network
- Water and Planning Network [website](#)



# Puget Sound Action Agenda Strategy 1: Smart Growth

Smart growth is in the [Action Agenda](#) because it consumes less land, resulting in:

- Less runoff per capita
- Lower vehicle miles travelled (lower emissions and pollution)
- More walking and biking
- Less water, sewer, and other infrastructure
- More habitat preserved



Source: EPA [Protecting Water Resources with Higher-Density Development](#)





# Integrating Stormwater Solutions into Comprehensive Plans



- Growth Management Act land use requirement: review stormwater runoff, provide corrective actions
- Related: critical areas, shoreline management
- NPDES (stormwater permit) requirements
- Focus on effective solutions that are not necessarily required
- By plan element
- Capital facilities plan





# Process



1. Interdisciplinary team(s) and gap analysis
2. Education
3. Draft policies and provisions
4. Commerce, PSRC, and public review
5. Development regulations
6. Finalize and adopt
7. Implementation with interdisciplinary team(s)



# Stormwater Solutions



- Model policies
- Project and plan examples
- Resources
- Example performance indicators





# Land Use



- Requirements
- Regional stormwater facilities
- Incentivizing low-impact development/green stormwater infrastructure in development
- Watershed-based land use planning
- Transfer of development rights (TDR)/Landscape Conservation and Local Infrastructure Program (LCLIP)
- Open space corridors





# Natural Environment



- Integrate salmon recovery planning
- Enhancing tree canopy cover
- Stewardship-habitat protection and enhancement
- Reducing use of toxic products





# Parks and Recreation



- Stormwater parks and low-impact development in parks
- Park access and funding
- Environmental education in parks





# Stormwater Parks

Stormwater parks can have multiple benefits:

- Provide recreation
- Treat, store, and infiltrate stormwater from hundreds of acres
- Address equity when built areas underserved by parks
- Support Tribal treaty rights
- Add natural features and wildlife habitat to an already built park
- Be funded by multiple sources





# Transportation

- Transportation stormwater retrofits
- Road retrofits for fish passage and other habitat improvements





# Utilities



- Stormwater planning
- Incentivizing rain gardens and low impact development BMPs
- Water reuse
- Stormwater Public-Private Partnerships
- Maintenance





# Capital Facilities

Include stormwater solution projects in the capital facilities plan:

- fish passage barrier removals
- stormwater parks
- transportation stormwater retrofits
- habitat improvement projects
- Water reuse systems
- other projects that improve the health of Puget Sound





# ***Thank You!***

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Guidance available at:  
[www.psrc.org/our-work/puget-sound-recovery](http://www.psrc.org/our-work/puget-sound-recovery)



Puget Sound Regional Council



Washington State  
Department of  
**Commerce**