

Advisory Committee Overview

Introduction to Floodplain Management

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Why Do We Care about Floodplains?



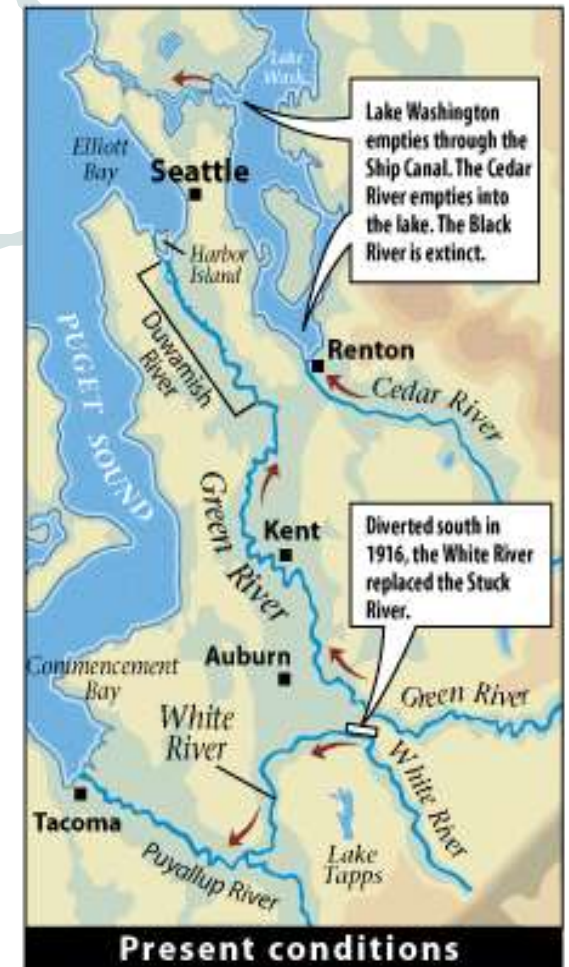
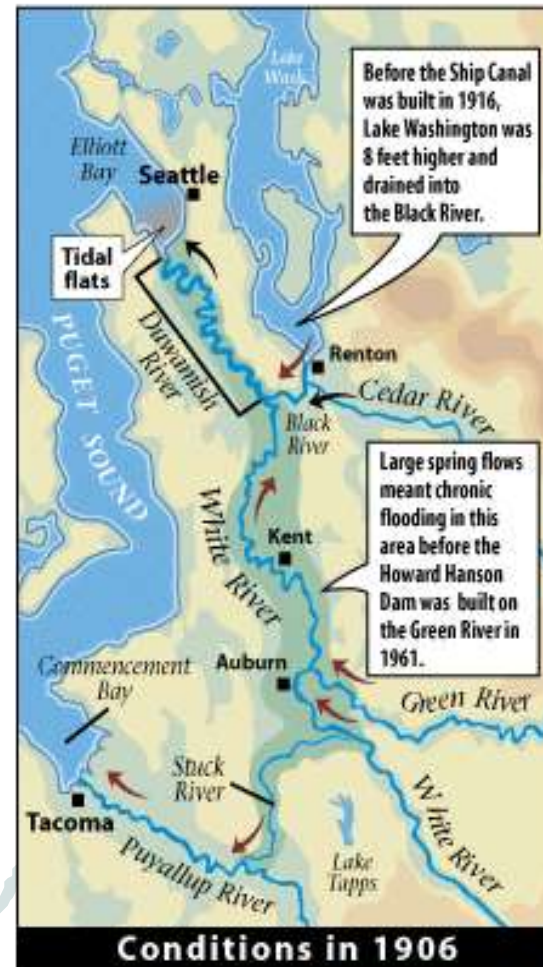
Lower Snoqualmie River, 2009



Lower Green River, 2009

A Brief History of River Engineering....

- 1899: Landsburg Diversion – Cedar River
- 1906: White River Diverted (permanently in 1912)
- 1912: Cedar River Diverted to Lake Washington
- 1913: Tacoma Public Utilities Headworks – Green R.
- 1914: Cedar River Masonry Dam
- 1948: Mud Mountain Dam – White River
- 1962: Howard Hanson Dam – Green River
- 1964: South Fork Tolt River Dam
- 1966: Sammamish River Channelization
- 1930s-1970s: 500 levees & revetments constructed
- 1993 and 2006 Flood Plans: New approach working with nature



What's at Risk in Floodplains?

- 32,000 Floodplain Residents
- 65,000 jobs
- \$3.7 Billion in total income
- 30% of aerospace jobs
- 20% of manufacturing / wholesale trade jobs
- Critical public Infrastructure
- ESA-Listed Salmon Species
- Tribal Treaty Rights



Lower Green River, 2009



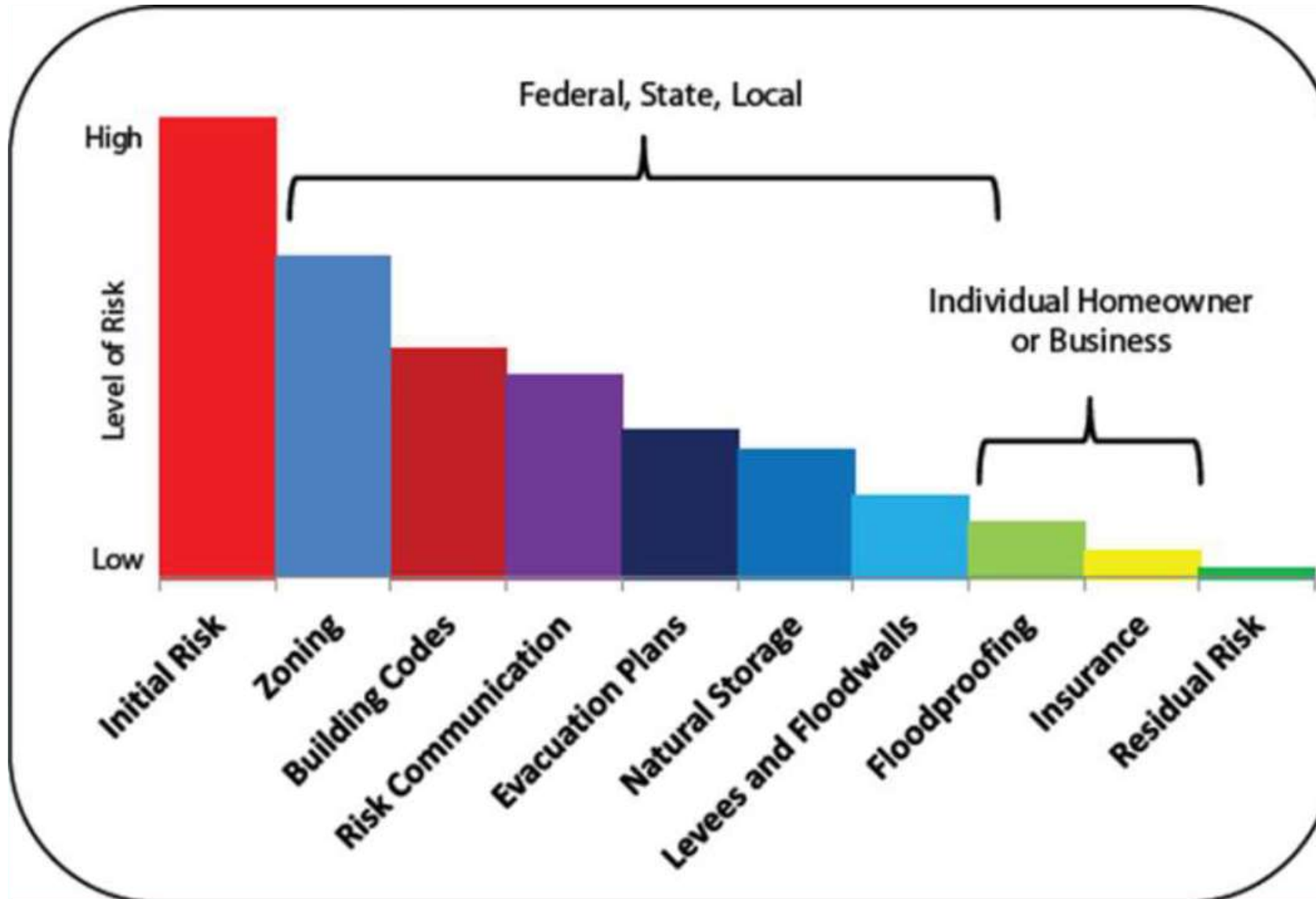
City of Snoqualmie, 2009

Reducing Risk: Right Strategy in the Right Place



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How do we reduce risk in floodplains?



What is floodplain management?



Identifying hazards

Identify, monitor and map flood hazards.



Flood warning services

Communicate floodplain risks to people and agencies.



Residential protection

Help people prepare for and protect against flooding.



Protecting public infrastructure

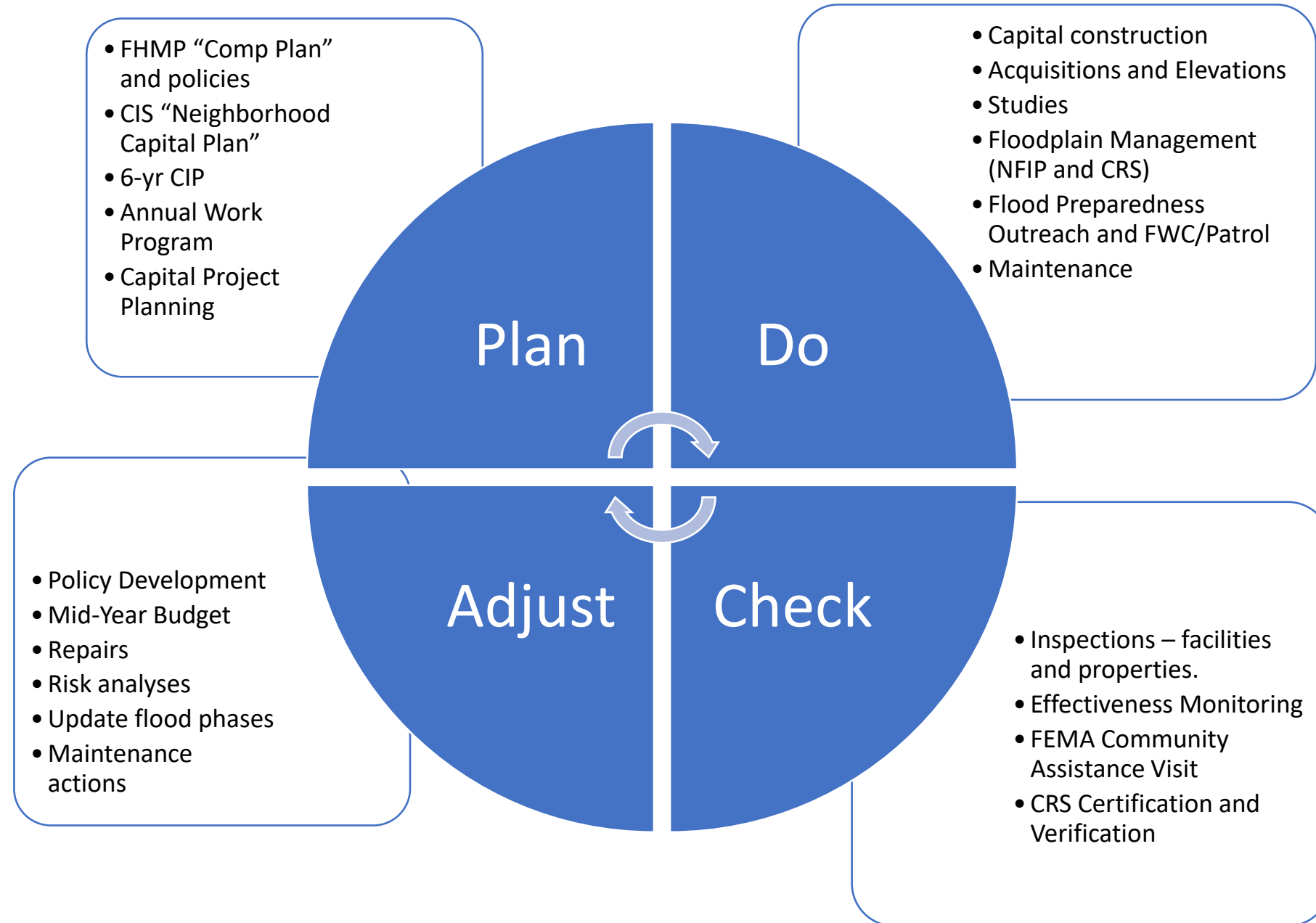
Build, maintain and inspect levees and revetments.



Collaborating to reduce new risks

Limit development in hazardous places and restore rivers.

How a Floodplain Management Program Comes To Be:



Equity and Social Justice Preview

- How do past decisions influence our future?
- Legacy of disconnected floodplains
- Who do we with talk and engage with to understand problems and identify solutions?
- How are projects added to the work program?
- Engagement and awareness of risk reduction options
 - Home elevation program
 - Home buyout program

