

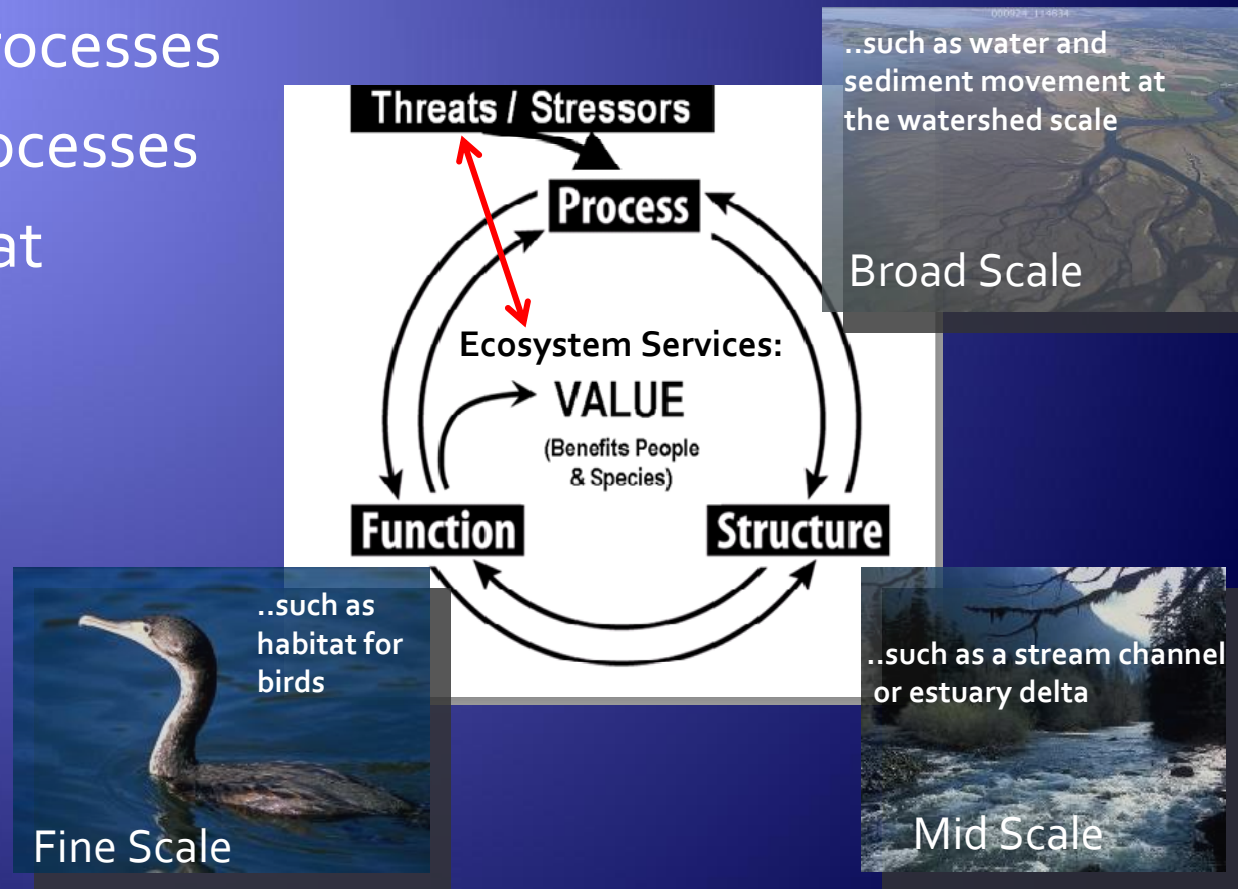


# PUGET SOUND CHARACTERIZATION AND ASSESSMENT PROJECT

CENTER FOR STREAMSIDE STUDIES  
NOVEMBER 3, 2009

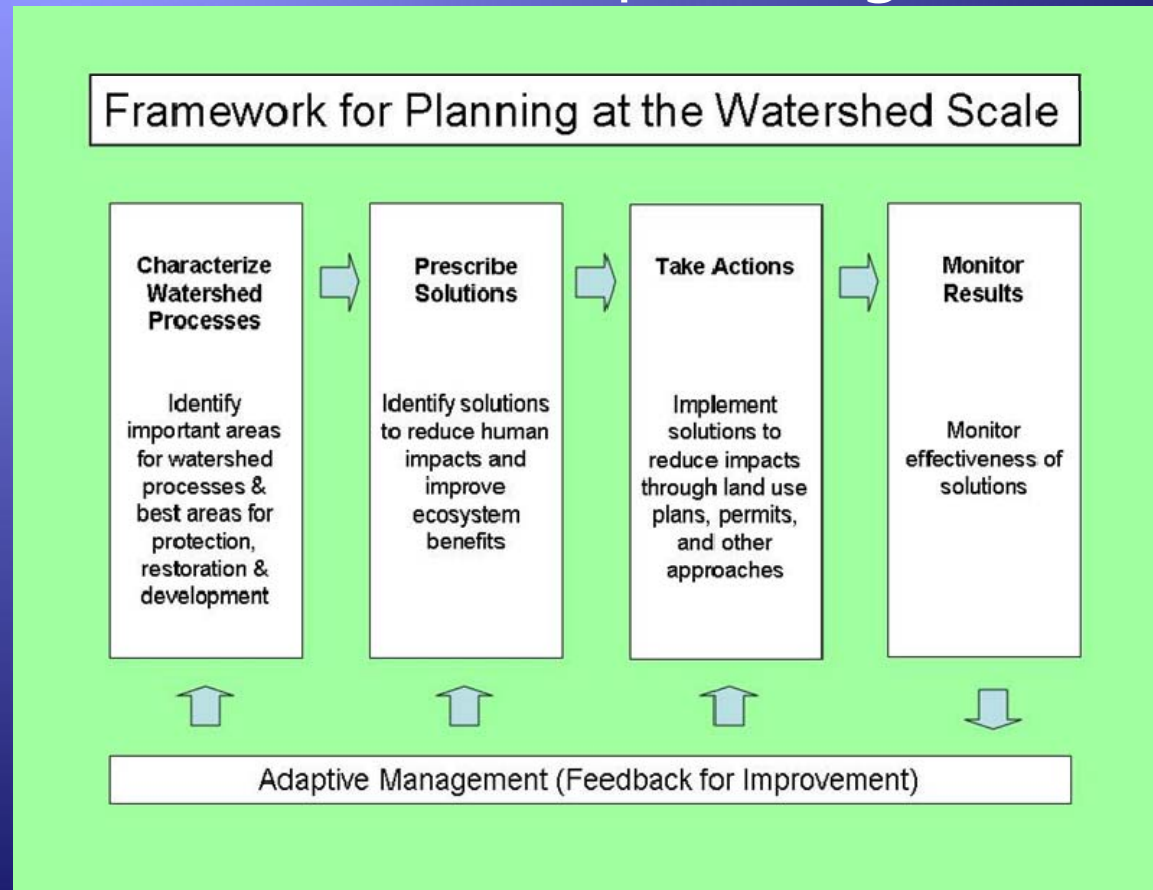
# Intro to Project - Purpose

- ◆ Sound-wide assessment of:
  - ◆ Freshwater processes
  - ◆ Nearshore processes
  - ◆ Wildlife habitat



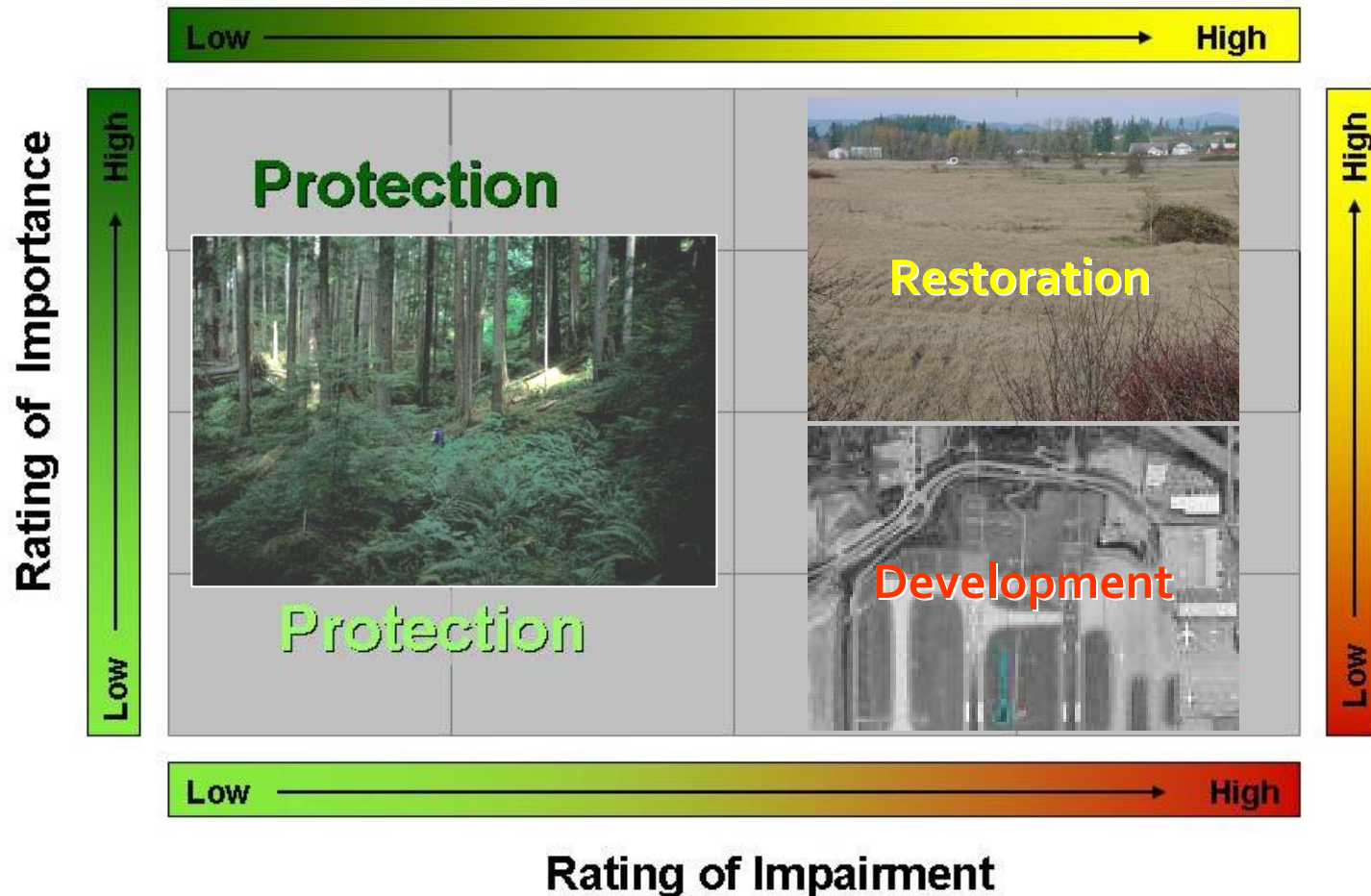
# Objectives

- ◆ Help bridge “the gap” between science and its application
- ◆ Work within a watershed planning framework



# Objectives

- ◆ Identify and prioritize areas for protection, restoration and development



# Benefits of a Watershed Approach



# Issaquah Characterization Example

- ◆ Current and Future Conditions Report:

Protect Processes in Upper Watershed

- ◆ Limit Forest Clearing
- ◆ Limit Impervious Cover

## **Prescribe Solutions**

Identify solutions to reduce human impacts and improve ecosystem benefits

# Issaquah Example

- ◆ Current and Future Conditions Report:

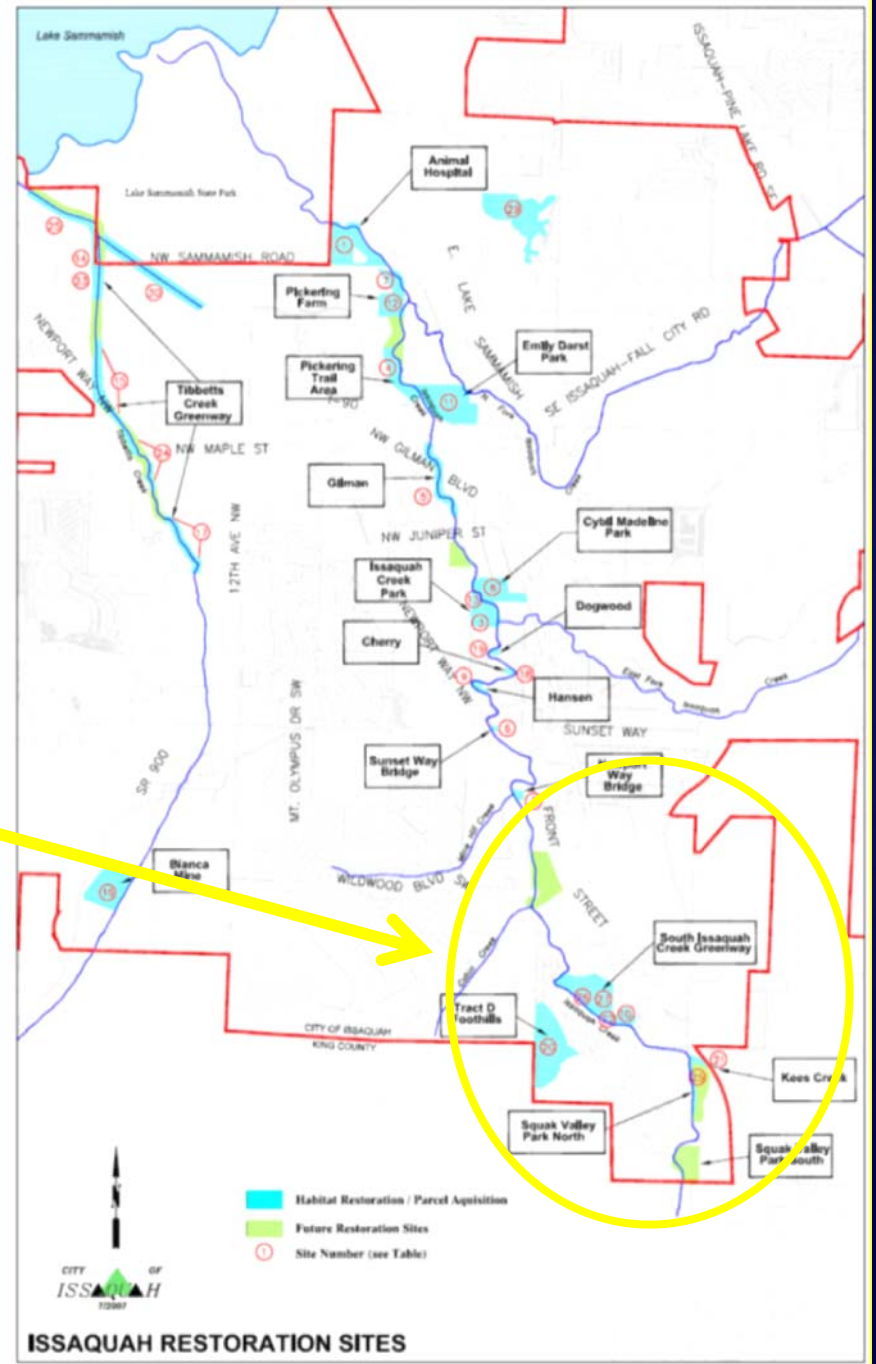
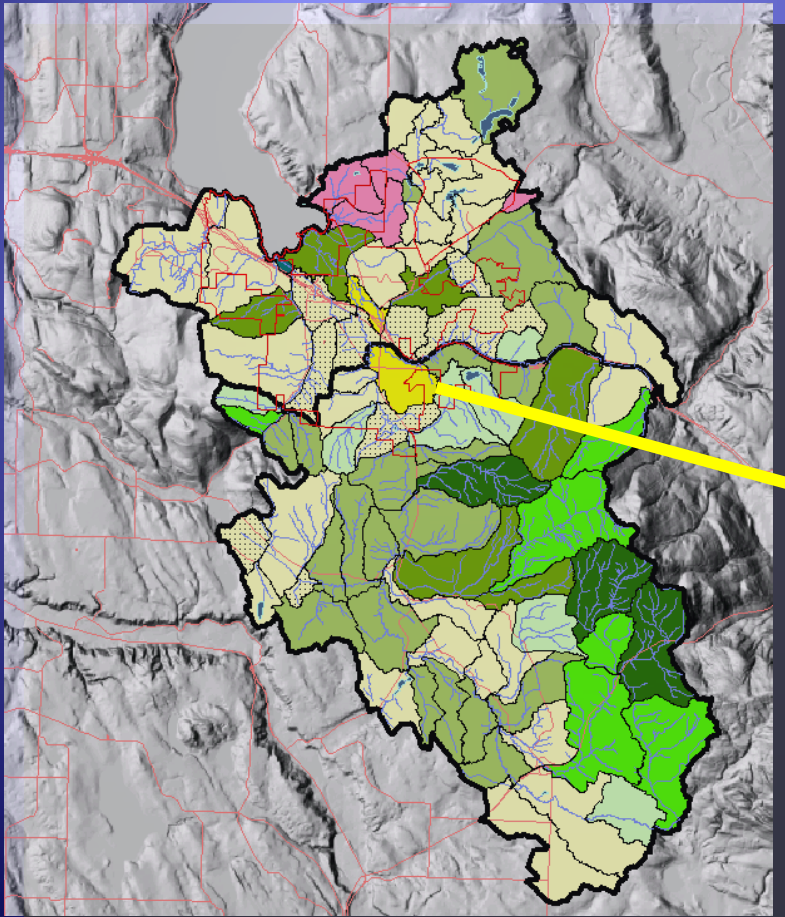
Restore floodplain in Issaquah

- ◆ Purchase homes
- ◆ Remove channelization
- ◆ Regulate location of new development

## **Prescribe Solutions**

Identify solutions to reduce human impacts and improve ecosystem benefits

# Prioritize Using Characterization



# South Issaquah Creek Greenway



# Why this Worked

- ◆ Planning of the right elements at the right time:
  - ◆ Problems had compatible solutions (flooding and habitat need)
  - ◆ Solutions had a value for both people and aquatic resources
- ◆ Cooperation between County, City, and Non-Profit Groups
- ◆ Long term involvement by key individuals from agencies and non-profit groups