

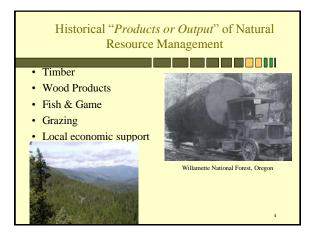
A Landscape-level Approach...

- What are people seeking?
- How do we encourage people to treat the recreation setting appropriately?
- How do we know if we are meeting our management objectives over time?
- How do we relate people's demands to capabilities of the landscape?



Recreation Opportunity Spectrum

- Based upon a behavioral approach to providing desired recreation experiences
- Relates desired experiences to characteristics of the landscape
- · Compatible with multiple-use management
- Adopted by many land management agencies



Current Trends in Natural Resource Management

- A balance of...
- Habitat management
- Forest management
- Ecosystem management
 - Aquatic
 - Riparian
 - Endangered Species
- Visitor management
 - Access
 - Allocation/Rationing
 - · Impact management/mitigation



A New Perspective for Outdoor Recreation Management

- The <u>output</u> of recreation resource management is MORE than just providing recreation <u>facilities</u> & <u>activities</u>.
- It is important where we provide them
- The <u>mix</u> of facilities, densities, & proximity is important...
- The <u>mix</u> of rules & regulations, restrictions, assistance, seasons, alternatives, & behavior of others is equally important...

Physical

Setting

Social

Setting

Functional Relationships

- Experiences derived in recreation are related to the <u>setting</u> in which they occur.
- Settings are a function of environmental factors, such as...
 - Physical (campsites, trails, parking facilities, restrooms, etc.)
 - Social (density of users, type of encounters, people's behavior)
 Managerial (rules, regulations, restrictions)
- The **range** of **settings** managers provide affect the <u>experiences</u> that people can have!



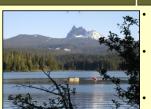


A Behavioral Approach

- People seek <u>opportunities</u> to engage in preferred <u>activities</u> --
- In preferred settings --
 - Preferred Physical setting,
 - Preferred Social setting, &
 - Preferred Managerial setting
- To realize desired *experiences*



Range of Preferred <u>Physical</u> Environmental Settings



Marion Lake, Willamette N.F.

Landscape Features – Lakes, rivers, mountains, deserts, forests

Facilities

 Tent camping, RV camping, pit toilets, showers, visitor centers, trailhead register

Access & Remoteness
- Paved roads, dirt roads, foot
bridges, trail improvements, trail
signage, no trails

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Range of Preferred Social Environmental Settings

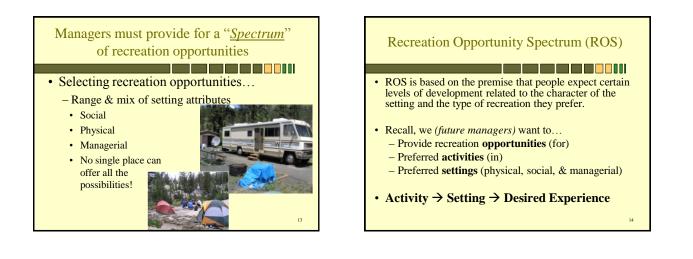
Social Interaction

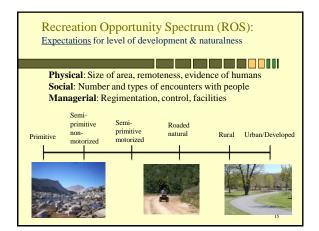
- Low to High levels
- "In" vs. "out" group
- Proximity & Privacy
 - Other visitors close vs. distant
 - Encounters (many/few)
 - Use density (high/low)
- Behavior Perceptions
 Objectionable behavior
 - Degrees of compliance with regulations

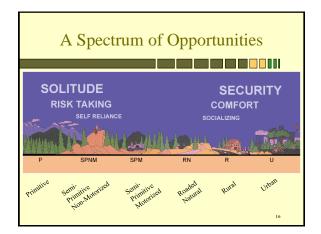


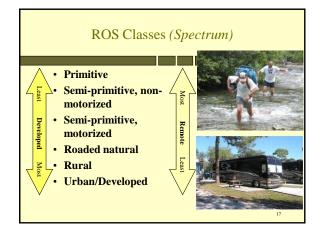


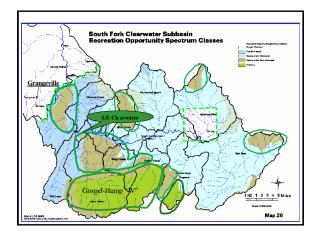


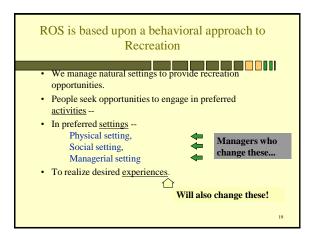




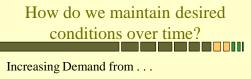




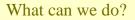






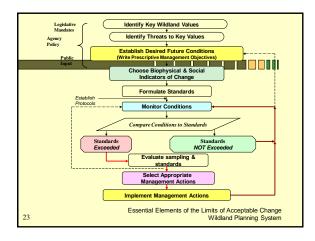


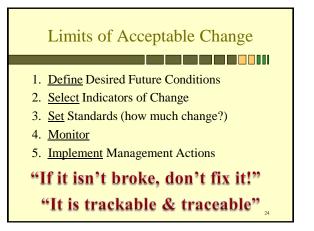
- Increasing population & urbanization . . .
- New technology, equipment, access
- · Increased mobility
- Leads to Increasing pressure to Develop sites ...
- Modernize, harden, enlarge, density
- Advertise, expanded seasons, special events ...



- Define Desired Future Conditions (DFCs)
- · Select indicators of change
- Set standards for what is acceptable
- Monitor
- Implement management actions if standards are exceeded

"Limits of Acceptable Change"





Recreation Management on Public Lands

7 Leave No Trace (LNT) Principles

- 1. Plan ahead and prepare
- 2. Travel and camp on durable surfaces
- 3. Dispose of waste properly
- 4. Leave what you find
- 5. Minimize campfire impacts
- 6. Respect wildlife
- 7. Be considerate of other visitors

