



TRANSFORMATIVE HISTORICAL
INFRASTRUCTURES:
THE NATIONAL PARK SERVICE AND UNITED
STATES FOREST SERVICE

Overview

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□ **The National Park Service**

- ▣ “Quick Facts”
- ▣ Economic Impact
- ▣ Social Impact
- ▣ Environmental Impact



□ **The United States Forest Service**

- ▣ “Quick Facts”
- ▣ Economic Impact
- ▣ Social Impact
- ▣ Environmental Impact



National Park Service (NPS): “Quick” Facts

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- “The best idea we ever had.” --Wallace Stegner
- Inception: 1872 with the creation of the Yellowstone National Park
- Focus: Preservation of natural resources
- Establishment: Executive Order or Act of Congress
- Organization: Department of Interior
- Potential park criteria
 - ▣ outstanding unspoiled example of a resource
 - ▣ exceptional quality in illustrating America’s heritage
 - ▣ Superlative opportunity for recreational and scientific activities



Official Emblem

NPS Economic Impacts (1)

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□ Employment

▣ 1933-1942:

Civilian Conservation Corps (CCC)

- a New Deal program employed more than a total of 3 million men as construction and maintenance workers
- Focus: employment relief
- Workload: flood control, forest protection, road building
- Investment over project lifetime:
 - \$47.5 billion (2008 USD)



Above: Civilian Conservation Corps Pillow
Below: New Enrollees in Transit, PA



NPS Economic Impacts (2)

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□ Employment

▣ Present

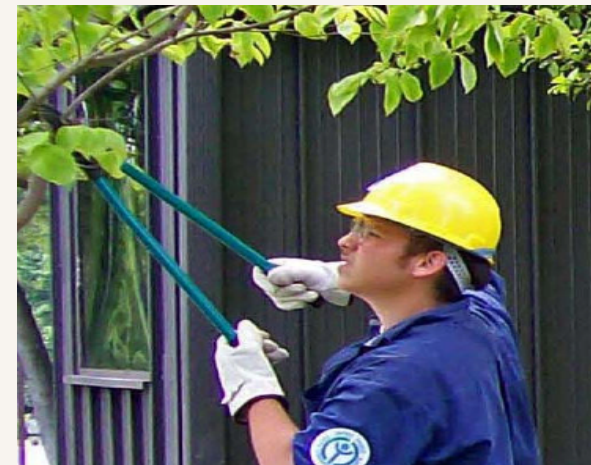
- 16,000 permanent employees
- 10,000 temporary & seasonal employees
- 125,000 volunteers

□ Budget

- ▣ \$2.92 billion (FY09)



Above: Ranger-led Tour in Stika National Park
Below: Seasonal Employee at Cowpens National Battlefield



NPS Social Impacts (1)

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□ Social Organizations

- ▣ NPS sparks a conservation movement, leading to the development of several social organizations

□ Tourism

- ▣ Approximately 270,000,000 guests visit the over 390 units annually.



Top: Sierra Club logo

Below: Yellowstone National Park Poster



NPS Social Impacts (2)

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□ Tribal Displacement

- ▣ Park creation often included the displacement of undocumented Native Americans

□ Racial Segregation

- ▣ African Americans, although allowed the CCC, they often faced racial injustice



Below: Office Pool, Black American CCC

NPS Environmental Impacts

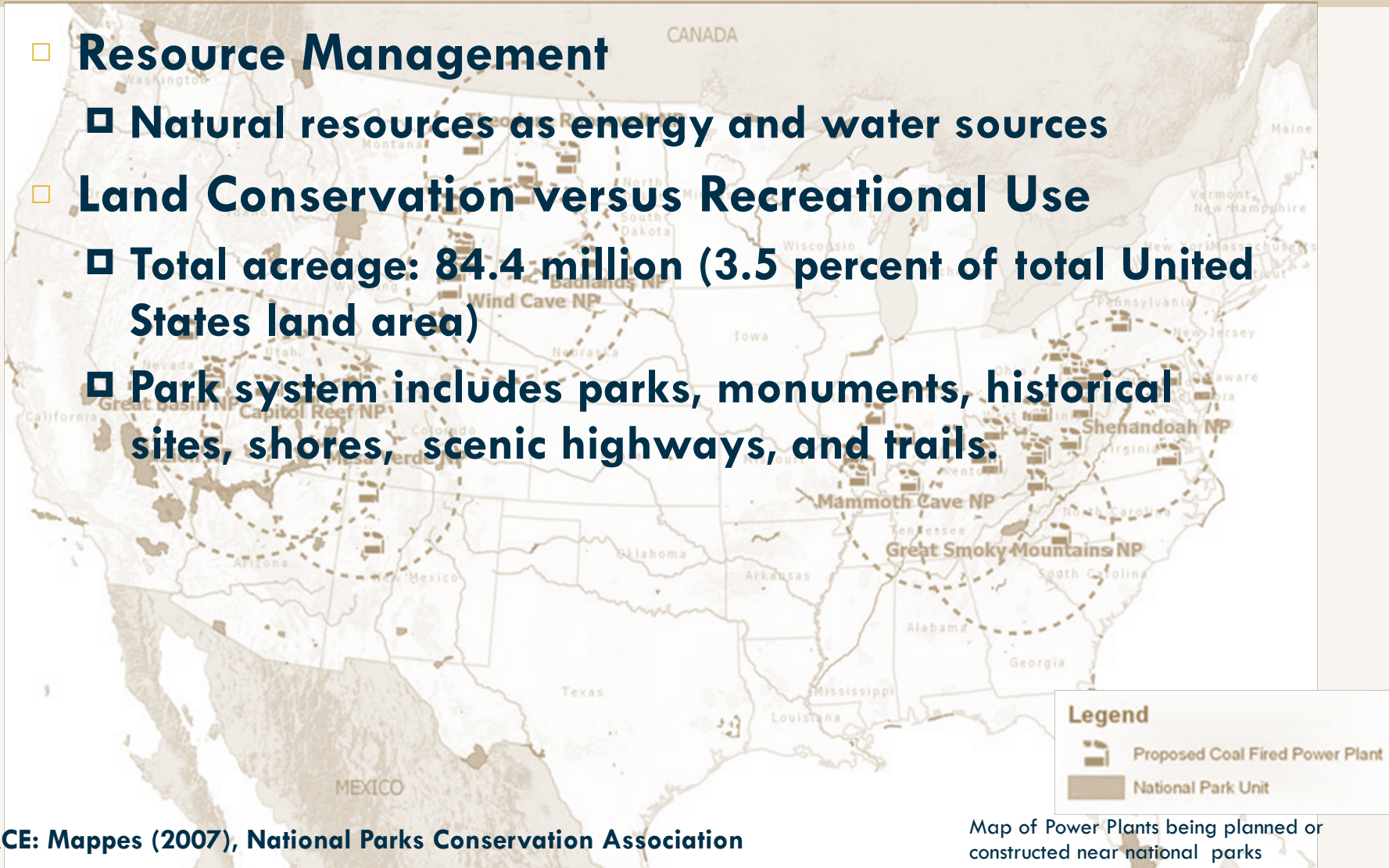
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- **Resource Management**

- Natural resources as energy and water sources

- **Land Conservation versus Recreational Use**

- Total acreage: 84.4 million (3.5 percent of total United States land area)
 - Park system includes parks, monuments, historical sites, shores, scenic highways, and trails.



SOURCE: Mappes (2007), National Parks Conservation Association

Map of Power Plants being planned or constructed near national parks

United States Forest Service (USFS): “Quick” Facts

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- Inception:
 - ▣ 1876: the Appropriations Act
 - ▣ 1891: Forest Reserve Act
- Focus: Preservation *and utilization* of natural resources
- Establishment: Executive order or purchase
- Organization: Department of Agriculture



Official Emblem

USFS Economic Impacts

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□ Employment

▣ Present

- 28,000 permanent employees
- 4,500 temporary & seasonal employees

□ Budget

▣ \$5.52 billion (FY09)

Below: Logging in the Chattahoochee National Forest
Bottom, Left: Insect Control in Nevada National Forest



USFS Social Impacts

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Tourism

- Approximately one billion visit to the forest the annually

- Similar tribal displacement and social club development as discussed with the National Park Service



Eagle Creek Camping Grounds

USFS Environmental Impacts (1)

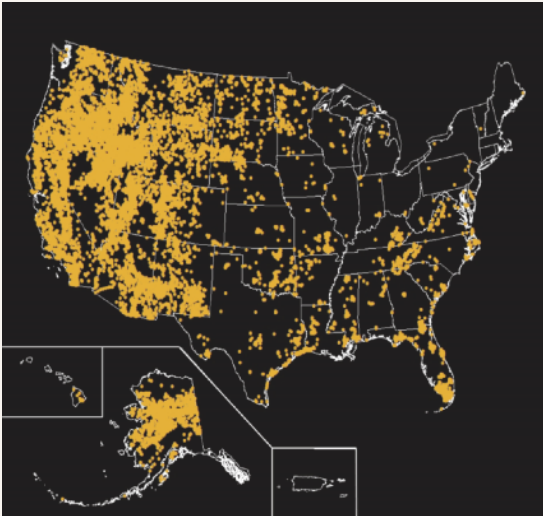
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□ Fire

- ▣ Estimated 40% of FY09 budget is for fire fighting

□ Illegal Use

- ▣ Preferred route of illegal entry
- ▣ Illegal cannabis and methamphetamine production



Left: Locations that experienced wildfires greater than 250 acres (1980 to 2003)

Right: Ranger burning seized marijuana grown on national property

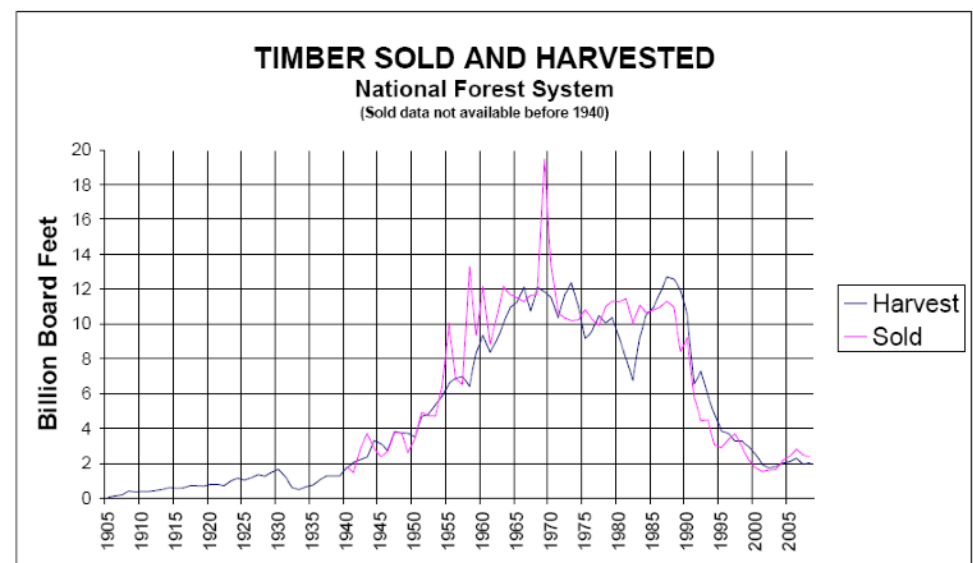


USFS Environmental Impacts (2)

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□ Logging

- ▣ Total acreage: 191 million (8.5 percent of total land area)
- ▣ 1979: Peak sales of timber harvested
 - \$1.96 billion (2008USD) at net profit of \$80 /thousand board feet
- ▣ 1997: USFS logging efforts cost a revenue loss of \$15 million
- ▣ 2008: Recession hit timber industry
 - \$156 million (2008USD) at net loss of \$1.52/thousand board feet



USFS Environmental Impacts (3)

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□ Road building

- 1999: Clinton Administration placed a temporary moratorium on new construction
- 2004: Bush Administration allowed states to petition for new road development
- 2009: Obama Administration provides for new road construction contingent on Secretary of Agriculture discretion

Road Building in Allegheny National Forest

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Smokey the Bear

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Questions