

CSS 287 -- Foundations of Conservation Leadership & Management

Professor Ed Krumpe
Tues. & Thurs. 9:30a.m.—10:45 a.m.
Room 022 TLC
Fall 2013

Introducing Yourself (note card)

- First & last Name
- Campus address
- E-mail address
- Phone number
- Major
- Year in school
- Favorite Outdoor Recreation Activity

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Introducing Yourself (BACK OF NOTE CARD)

- Your BEST outdoor recreation experience.
- Your WORST outdoor recreation experience.

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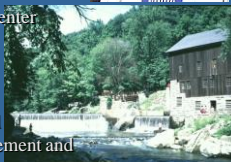
Course Goals

- Introduce the discipline of CSS
- Understand role of amenity resources in multiple-use management.
- Understand land classifications & agencies.
- Understand physical, environmental, and behavioral points of view.
- Have fun learning about outdoor recreation & how people interact with the outdoors!

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Introducing your Professor

- Pennsylvania native
- Park Superintendent—McConnell's Mill State Park
- Indiana State Outdoor Recreation Planner
- Northern Colorado Nature Center
- Wilderness Research Center former Director
- U of I since 1979
- Specialize in Wilderness and Wild & Scenic River management and public involvement



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Course Requirements

• Attendance & Participation	10%
• Mid-term Exam	20%
• Two quizzes or exercises	05%
• Analysis of a Recreation Behavior	20%
• Research Literature assignment	25%
• Final Exam	20%
	100%

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Why focus on Resource Recreation & Tourism?

- Everybody is doing it!
- We need to understand:
 - the settings where people recreate...
 - the social and psychological experiences they seek...
 - their impacts on the natural environment
 - the manager's role of both provider & protector of wildland recreation opportunities

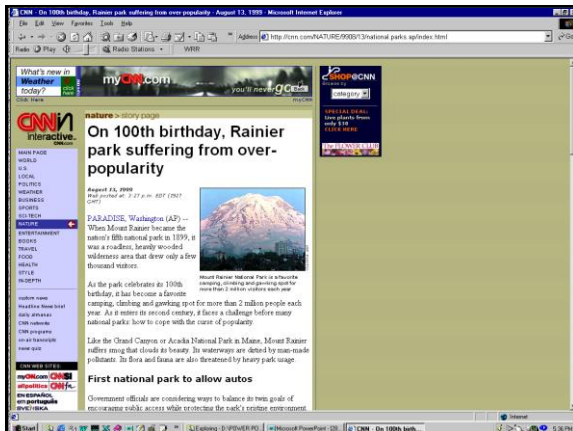
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What's the Problem?



- We often want things that are at cross purposes with other users of the landscape.
 - We often want things that are incompatible with conservation of the resource.
- We are loving the outdoors to death!

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Our Society is Changing

- U.S. Population – 316,542,283
- 82+ % urban
- Bi-modal population growth
- Ethnic pop. increasing & concentrated
- Income disparity increasing
- More free time for some (young & old)



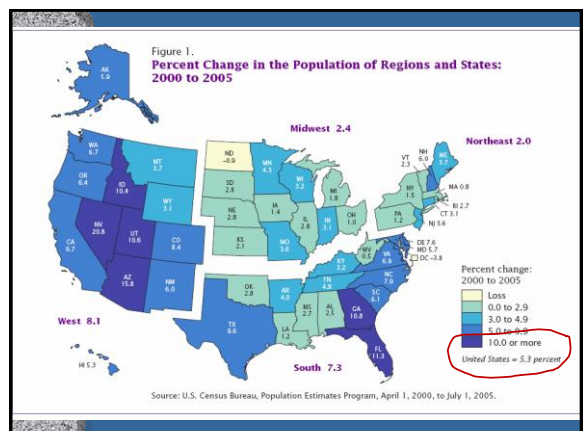
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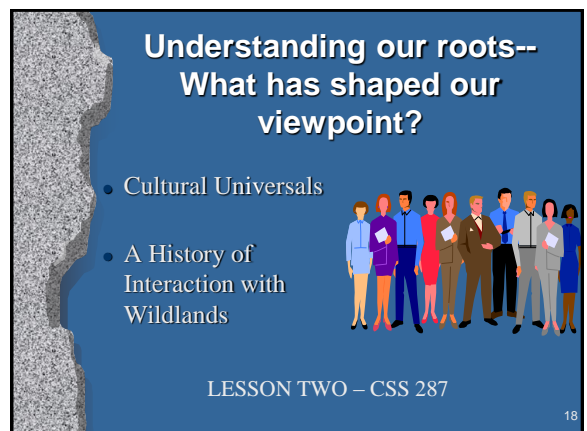
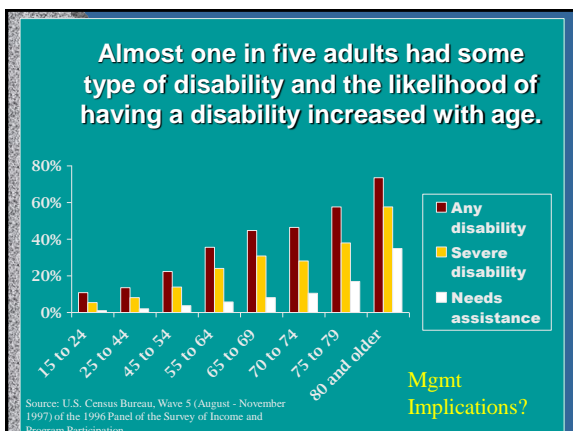
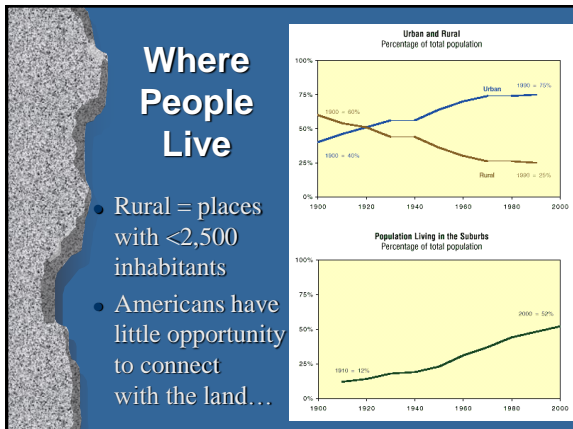
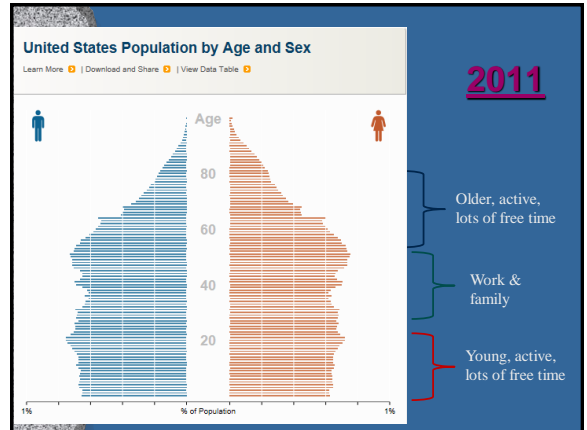
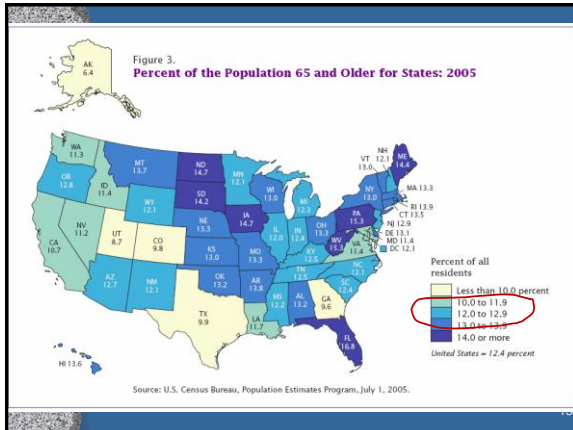
Population Growth

- One birth every 8 seconds
- One death every 12 seconds
- One international migrant every 44 seconds
- Net gain of one person every 13 seconds

Implications for Natural Resource Mgmt?

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Cultural Universals

- Agriculture/food production
- Commerce
- Government -- authority, law, defense
- Education
- Religion/ceremony
- RECREATION & Sport



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Understanding our roots-- What has shaped our viewpoint?

- We have a history of interacting with wildlands:
 - Manifest Destiny
 - Deism & Primitivism
 - Natural Resource Values



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American Culture was shaped by our **interaction** with **wildlands**

Manifest Destiny & the Puritans

- Resource economy
 - conquer, tame,
 - subdue, exploit
- Religion -- from ungodly savages to
 - Deism & Primitivism...
- Un-ending abundance (Go West!)

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Religion's Changing Role

- Wildlands were ungodly & savage
- Deism -- 18th & 19th centuries
 - Associated nature with religion
 - Nature was untouched by evil of humans
 - In unspoiled places we are closer to the Creator
- Primitivism -- romantics -- "Happiness decreases in direct proportion to civilization."
- The "Noble Savage" and Nationalism

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Abundance/Scarcity/Usefulness

- "Myth of Superabundance"
- Slash & Burn mentality
- Govt. give-away programs to promote westward settlement
- Couldn't imagine ever running out of natural resources!



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Scarcity is the root of value

- What is a Natural Resource?
- Are Maple trees? Yew? Salmon? Bulltrout? Leeches? Ticks? Thistles? Grizzly Bears?
- **Natural Resources are those things defined to be useful to humans.**
- What about water? or Scenery??
- **Resources are not--They become.**

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Vision & Natural Resource Biases

- Vision -- 65 to 70% of information about our environment is obtained visually.
- Prehistoric importance of vision (Nash):
 - 15 million years ago pre-humans left the forest,
 - Relied upon good vision for competitive edge,
 - We feared what we couldn't see.
- Vertical vs. horizontal vision illustrates one developmental bias.

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Horizontal vs. Vertical Vision



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Horizontal vs. Vertical Vision



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Horizontal vs. Vertical Vision



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The Role of Vision & Natural Resource Biases

- We loathed the wilderness because in it we feared what we couldn't see (huddled around the campfire in the forest primeval).
- Alternately, we love the wilderness because of how our sense receptors evolved!
- For millions of years our sense receptors were flooded by natural stimuli.
- Only recently -- fluorescent lights, honking horns, crowded streets, jumbo flat screens...²¹

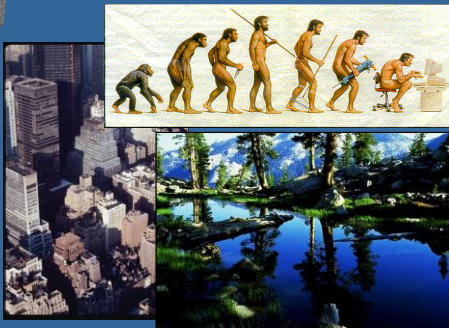
Vision & Natural Resource Biases



Do you prefer this?

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Vision & Natural Resource



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The Battle for the Landscape

- We manage our scenery as “viewsheds.”
- Landscape development vs. preservation.
- Free-flowing rivers
 - Preservationists vs. recreation utilitarianisms
- Mass Recreation vs. Personal contact with undisturbed nature.
- National Park Service vs. US Forest Service vs. private enterprise?



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