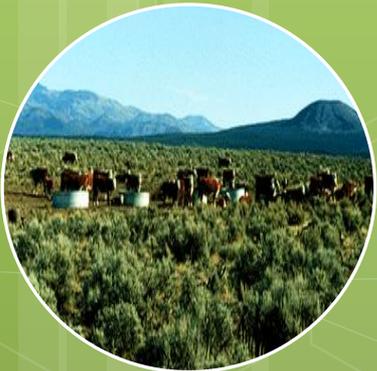




THE PEOPLE PIECE OF FOREST MANAGEMENT



ECOSYSTEM SERVICES

The Benefits
People Obtain
from the Nez
Perce
Clearwater NF

- Healthy forest ecosystems are life-supporting systems that provide a full suite of goods and services (**ecosystem services**) that are vital to human health and livelihood,
- These range from goods such as clean water, food, and wood products to services such as flood protection and climate regulation to recreation and cultural experiences and values

What About Multiple Use?

- An ecosystem services perspective **extends** the classification of “multiple uses” to include a broader array of benefits or values
 - Multiple Use Sustained Yield Act of 1960: outdoor recreation, range, timber, watershed, and wildlife and fish
 - The concept of ecosystem services includes these benefits or uses of the NFs but land managers are also stewards of regulating, cultural, and supporting services, all of which are critical to human health and well-being.

Some Ecosystem Services Examples

Supporting Services such as Pollination, seed dispersal, soil formation, nutrient cycling, biodiversity, ecosystem resilience	Provisioning Services , such as Clean air and fresh water Energy and minerals Fiber and forage Food (game animals, fish, plants) Biochemicals, natural medicines, pharmaceuticals
	Regulating Services , such as Long-term storage of carbon Climate regulation Water filtration, purification, and storage Soil stabilization Flood control Disease regulation
	Cultural Services , such as Aesthetic values Educational values Spiritual and cultural heritage values Recreational experiences and tourism opportunities

- Complicated words (ecosystem services) for a simple concept –

What does the forest do for you?

- Today we are asking you to help us identify the benefits that people obtain from the Nez Perce Clearwater National Forest

So We've Identified Them - Now What?

- Once identified, the forest and the collaborative group will take these ecosystem services into consideration when developing plan components
- § 219.10."The plan must include plan components, including standards or guidelines, for integrated resource management to provide for ecosystem services and multiple uses in the plan area"

Tradeoffs



- Some uses or services are complementary
 - Examples?
- Others are likely to be in conflict or are “rival”
 - Examples?
- Need to take into account the tradeoffs involved when uses/services are in conflict

The Ecosystem Approach

