





Purpose



 To propose a Nationwide methodology for distribution of Ecosystem Restoration funding which better addresses competing needs



Corps Policy Objective for Ecosystem Restoration



- ER 1105-2-100 states:
 - "The objective of ecosystem restoration is to restore degraded ecosystem structure, function, and dynamic processes to a less degraded, more natural condition."

Current Approach for Ecosystem Restoration Project Budgeting



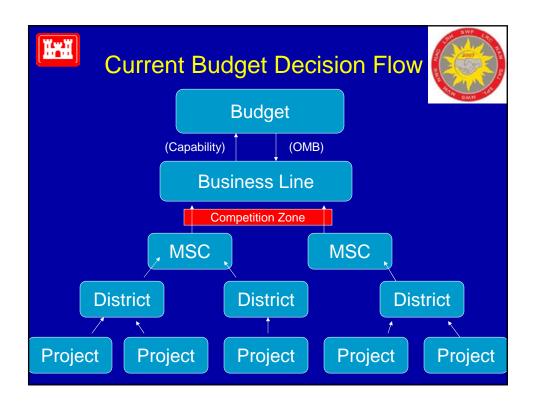
- Scoring is part of the "Budgetary Performance criteria":
 - Habitat Scarcity
 - Connectivity
 - Special Status Species
 - Hydrologic Character
 - Geomorphic Condition
 - Plan Recognition
 - Self-Sustaining



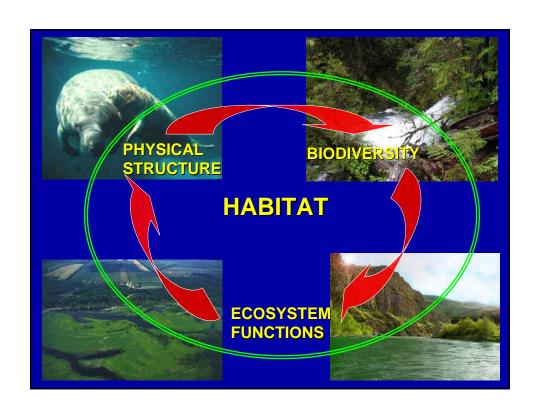


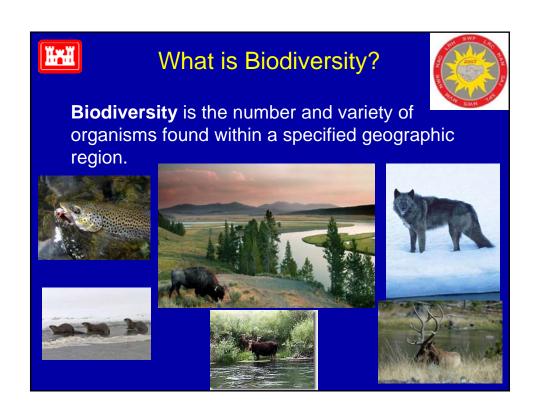


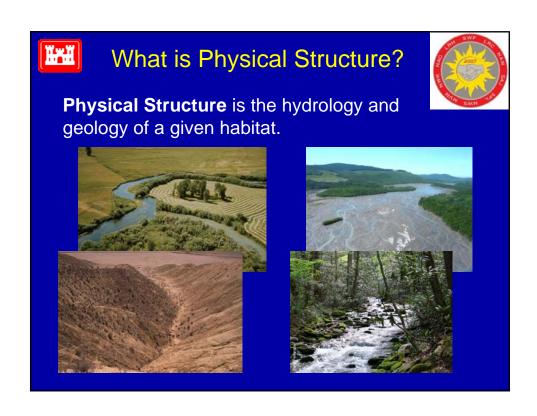












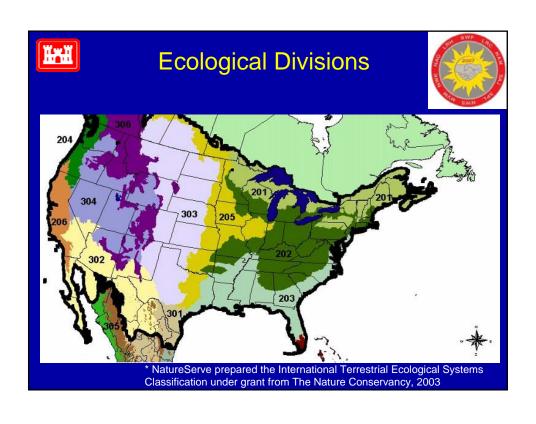




The 4.8 Billion Dollar Question



How can you use a habitat perspective to do nationwide budgeting using a systems approach?





Ecological Divisions



An Example:

Ecological Division: Gulf and Atlantic Coastal

Plain

Percent Habitat Lost: ??

Percent Recoverable: ??



Ecological Divisions



An Example:

Ecological Division: North American Pacific

Maritime

Percent Habitat Lost: ??

Percent Recoverable: ??



What Data is Out There?



- FWS: Bird & Wildlife Habitat Loss
- USGS: Ecosystem Vulnerability to Adverse Changes
- NOAA/NMFS: Coastal & Marine Habitat Loss & Degradation
- NGO'S: Wetland Sustainability Research, Productive Ecosystem Assessments, Habitat Loss



Bringing It Together



- Scientific information exists on these Ecological Divisions that can help decision makers prioritize by these Divisions
- Corps cannot make prioritizations alone, but should participate on an Inter-Agency Prioritization Committee (IPC)
- IPC would establish Federal funding priorities by Ecological Divisions



Bringing It Together



- Capabilities/tools such as:
 - Multi-Scale Assessment of Watershed Integrity (MAWI) model (Corps)
 - Ecosystem Management Decision Support (EMDS) System (US Forest Service)

can be used to combine data for IPC decisions



Inter-Agency **Prioritization Committee**



- Comprised of Scientists, Subject Matter and Policy Experts from across the board, such as:
 - OMB

- ASA(CW)

- USACE

- USFS
- NOAA/NMFS
- USGS

- USEPA

- NRCS

- NGO's

- State Resource Agencies
- USFWS







DUCKS UNLIMITED



















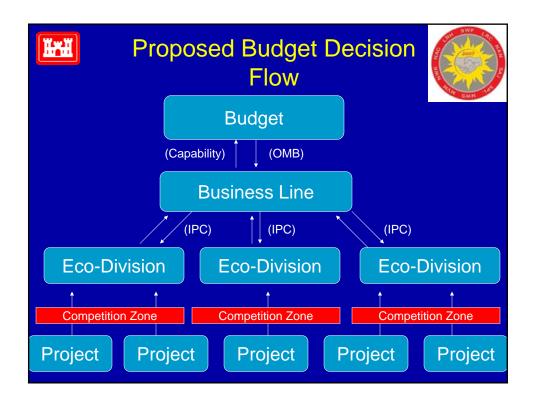
A Nationwide Systems Approach



- Shift budgeting focus to Ecological Divisions
- Establish IPC to prioritize funding between Ecological Divisions

Example criteria include:

- % Habitat Lost
- % Habitat Recoverable
- Ecosystem Restoration projects compete at the Ecological Division level





Recommendations



- Take a leadership role in establishing IPC to prioritize funding between Ecological Divisions
- Distribute Nationwide ER funding by Ecological Division priorities
- Ecosystem Restoration projects compete at the Ecological Division level



Conclusions



- Ecological Division focus IS the systems approach
- Budgeting by Ecological Divisions provides:
 - unified Federal priorities for focus of ER dollars across organizations
 - effective distribution of funding nationwide
 - easier acceptance of comparative methods used between projects in the same Ecological Division



Questions ???



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The Tenacious Goats