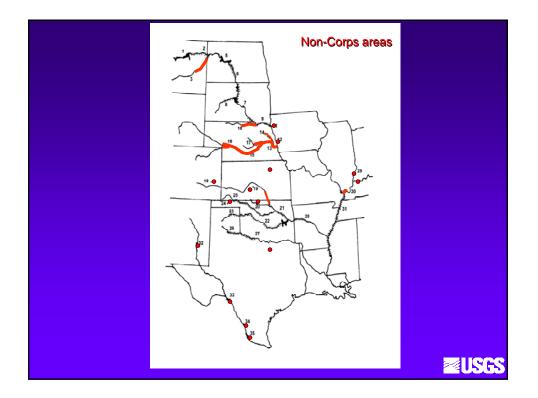


Many states have non-Corps efforts

Montana – Yellowstone River, Fort Peck Reservoir Nebraska – Platte, Niobrara, Loup Rivers and at gravel mines ("sand pits") Iowa – fly ash deposits at power plants near the Missouri River Kansas – Kansas River, Quivera NWR (Cimerron River), city of Wichita(!) Oklahoma – Salt Plains and (Optima) NWRs, Canadian River Texas – Rio Grande reservoirs, various habitats in Trinity River drainage Indiana – fly ash deposits at power plants New Mexico – Bitter Lake NWR Colorado – Arkansas River basin reservoirs



Who's doing the work?

State biologists or contract biologists (Nebraska, Texas, Colorado, Indiana, Montana)

University (Kansas, Montana, Nebraska)

NGO (Texas)

Volunteers (lowa)

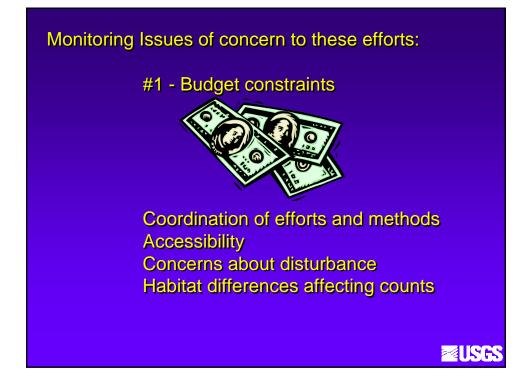
Commercial interests (Nebraska)

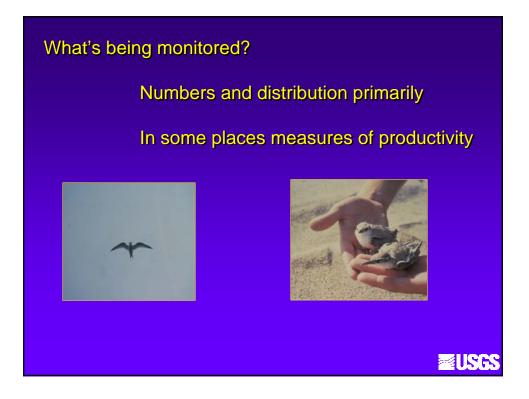
USFWS (Oklahoma, Nebraska)

NPS (Nebraska)

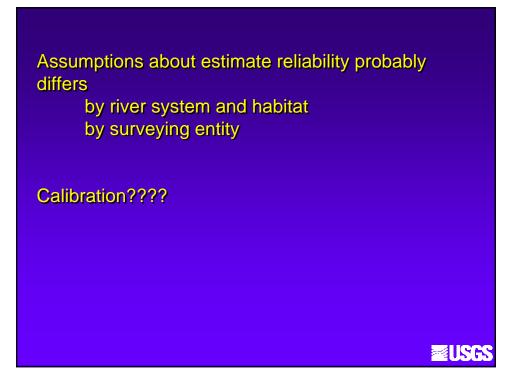
BLM (Montana)

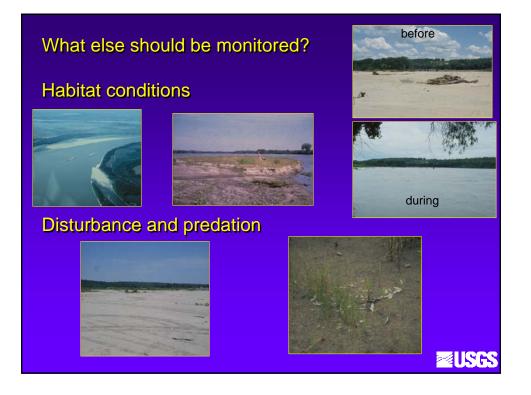












Habitat conditions hydrology condition of nesting habitat vegetation substrate protection isolation (predation) elevation (flooding) Reporting consistency varies or its not recorded at all.

Management?

Signs and visual barriers to prevent human disturbance

Outreach and education

Electrical fencing

Nest fencing

Law Enforcement



..... all are focused on management of birds on sites and direct human interactions

ZUSGS

Habitat Management

Island building

Vegetation clearing

Dredge deposition

Nesting deterrents and attractants

....Do not address foraging habitat and sustainable nesting habitat

USGS

Habitat Management Issues

Common threads – altered hydrology vegetation encroachment

Challenges for monitoring wide variety of habitats monitoring birds – \$\$\$, habitat differences, accessibility, reliability of counts esp. productivity monitoring habitats-\$\$\$, different definitions of suitable Foraging habitat and forage base??

Summary

Significant effort and involvement that is not Corps

Significant range coverage but effort varies depending on budgets

Comparability of counts? Effort, coverage, timing, methods and definitions, training, habitat

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