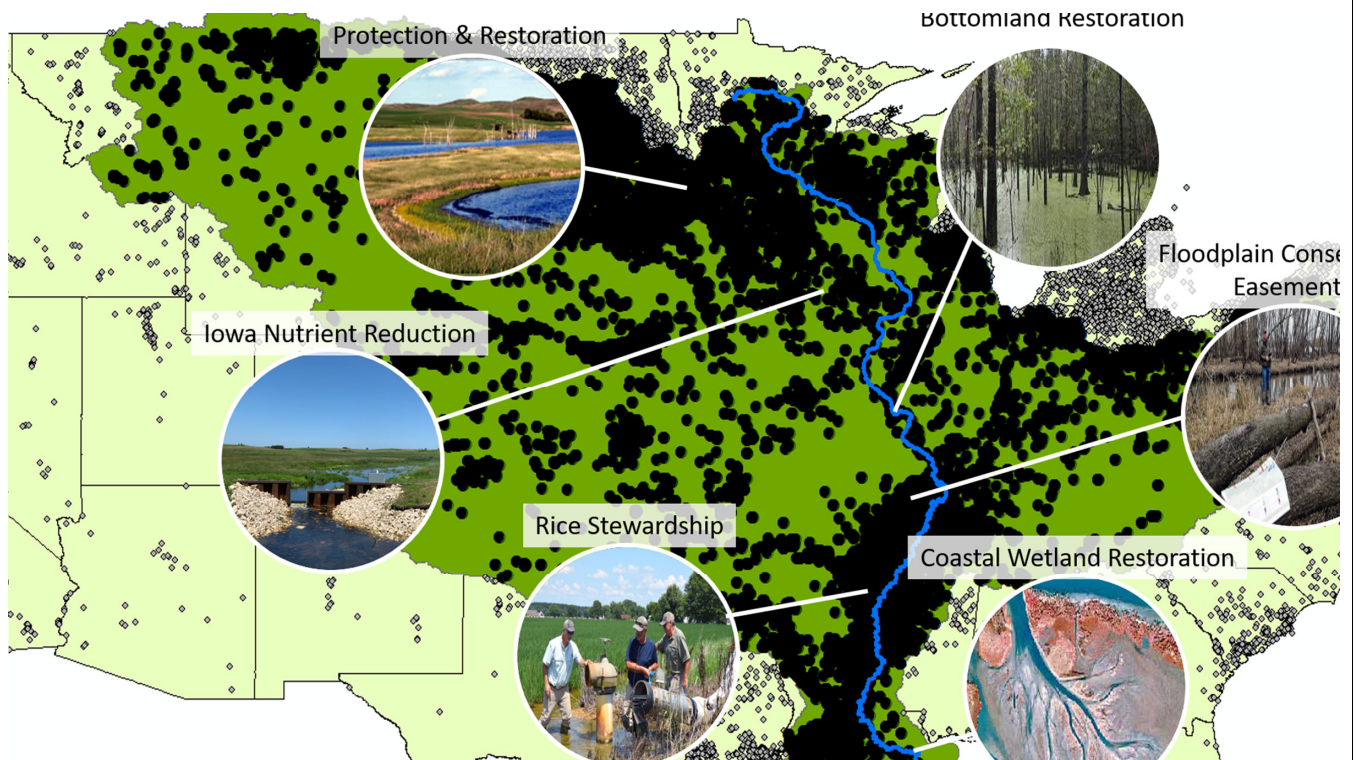
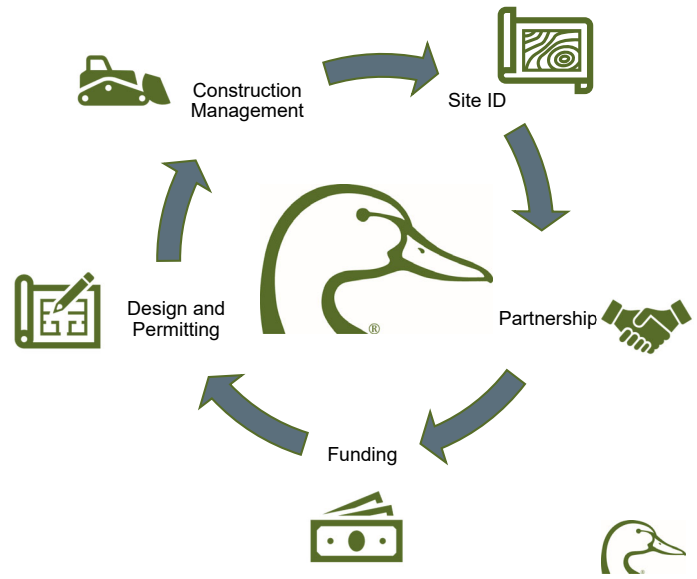
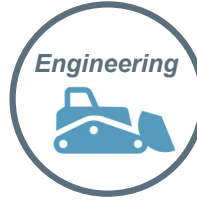


Ducks Unlimited: How We Work



Ducks Unlimited Pilot Project Region



MRCTI

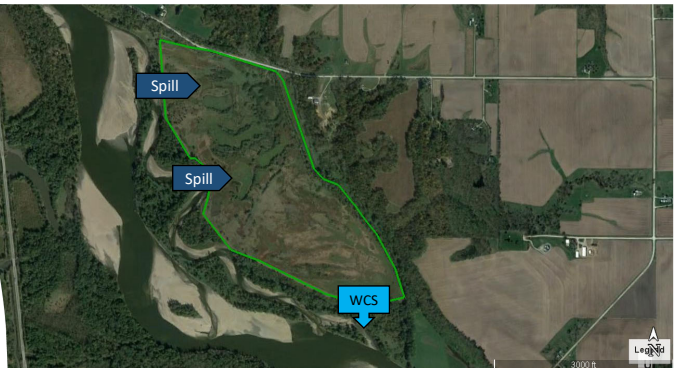


The Quad Cities Upper Mississippi Region

Wapello Bottoms WMA



- Partnership with Iowa Department of Natural Resources & North American Wetlands Conservation Act
- Previously leveed and drained for agriculture
- Engineered floodplain reconnection to capture, store, and manage floodwaters



Riverine Flood Reduction Capacity



Minimum of 10,000 acres to achieve 1% reduction in riverine flood by 2030

St. Genevieve 10% overtopping reduction 60,000 acre-feet

Region	Area (acres)	Flood storage (min acre-feet)	Flood storage (max acre-feet)
Quad Cities	19,539	15,308	41,751
St. Louis	19,347	12,281	58,041
Tri-State	19,987	21,985	59,961

- Average cost per acre-foot of storage (one flood): \$2,524
 - 1 flood/year over 30-year design life: \$84/acre foot



Co-Benefits for Project Portfolio



54,618 to 268,078 mtCO₂e/year



529,009 to 944,647 kg N/year



\$16-\$1,400/acre annually in recreation and other benefits

