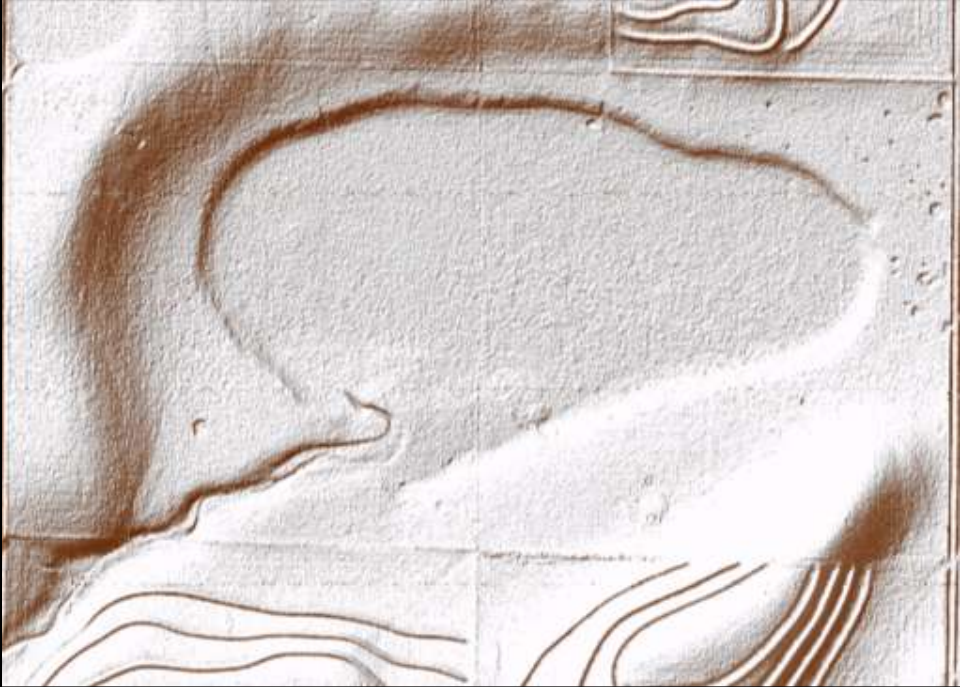
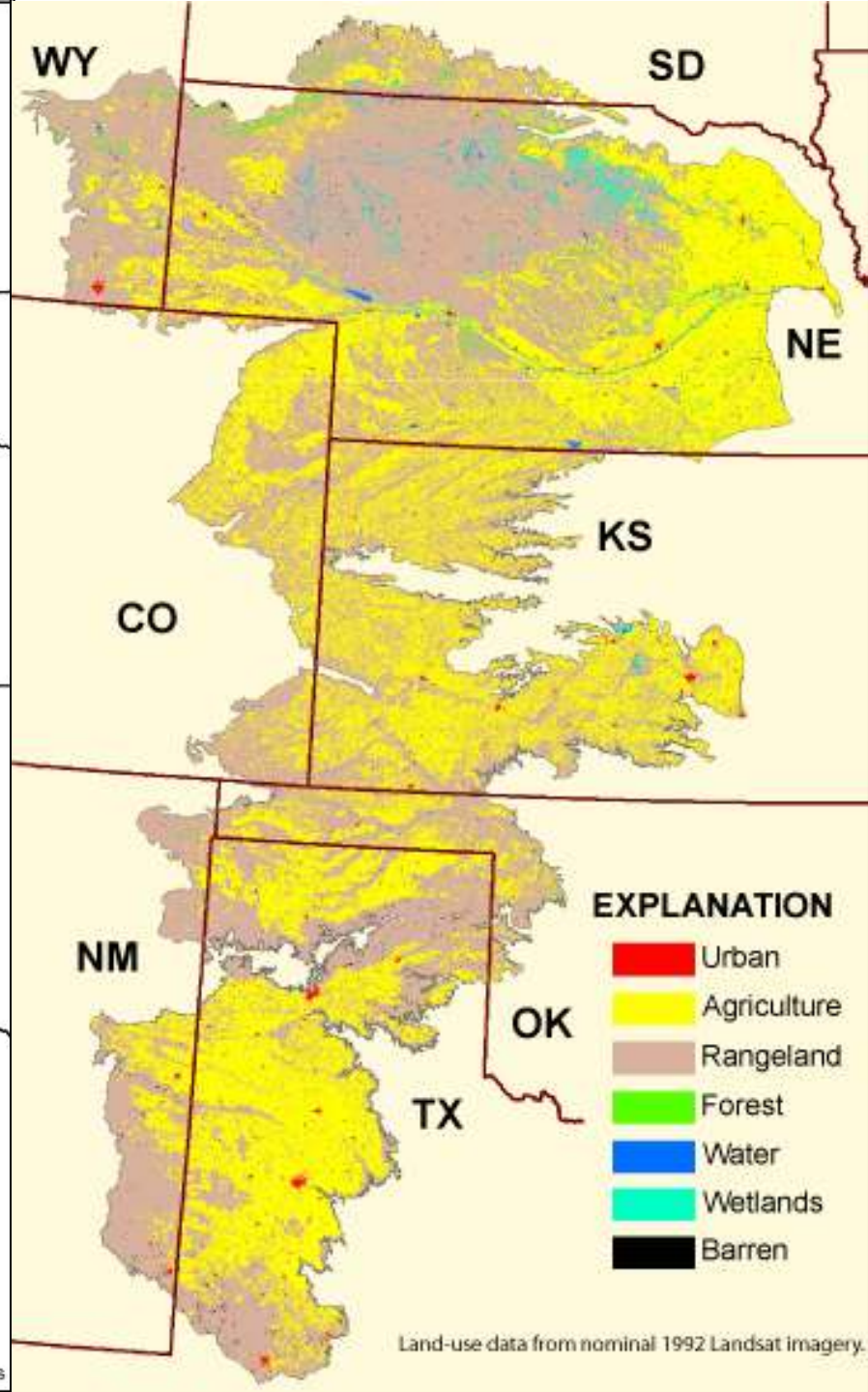
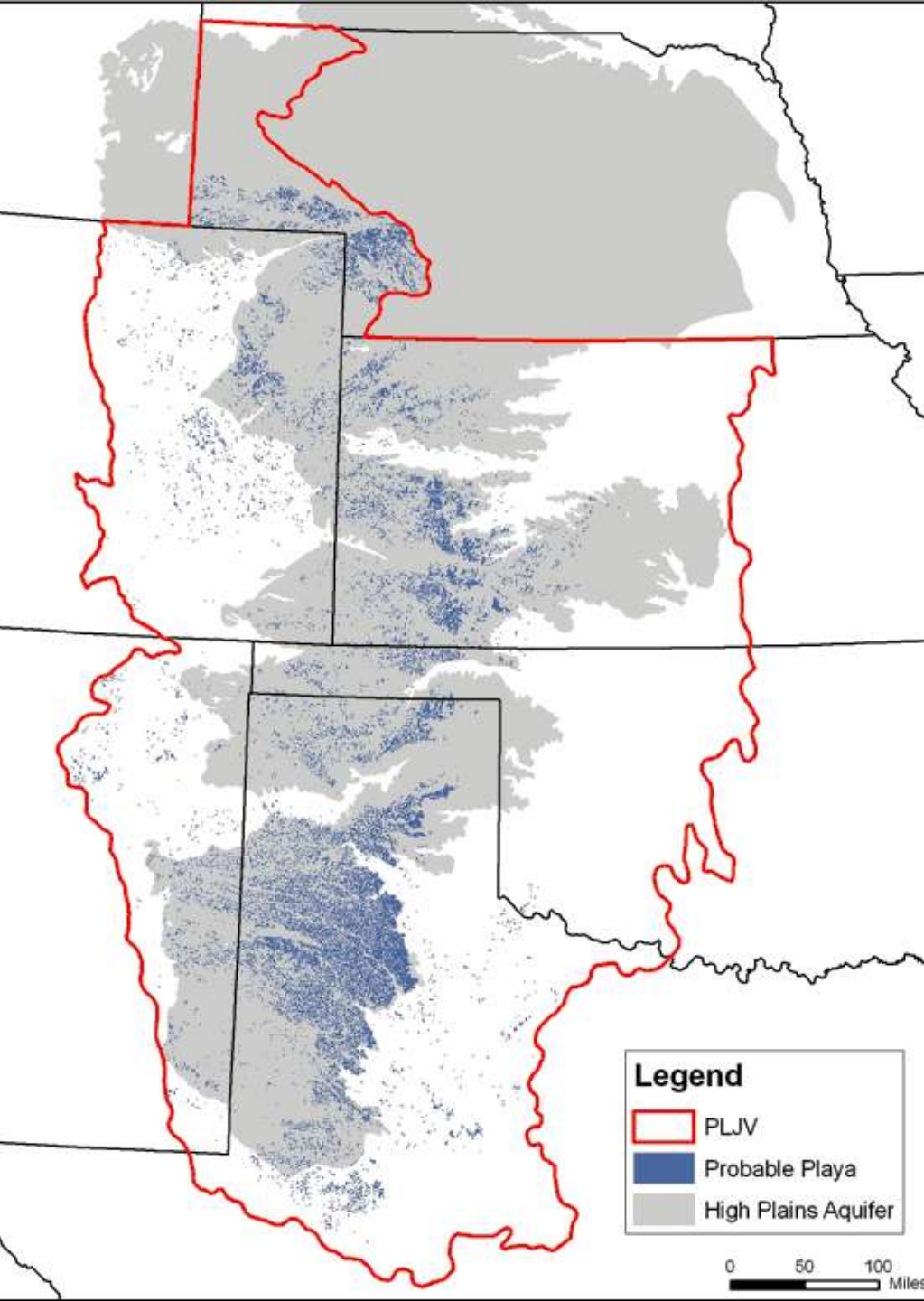


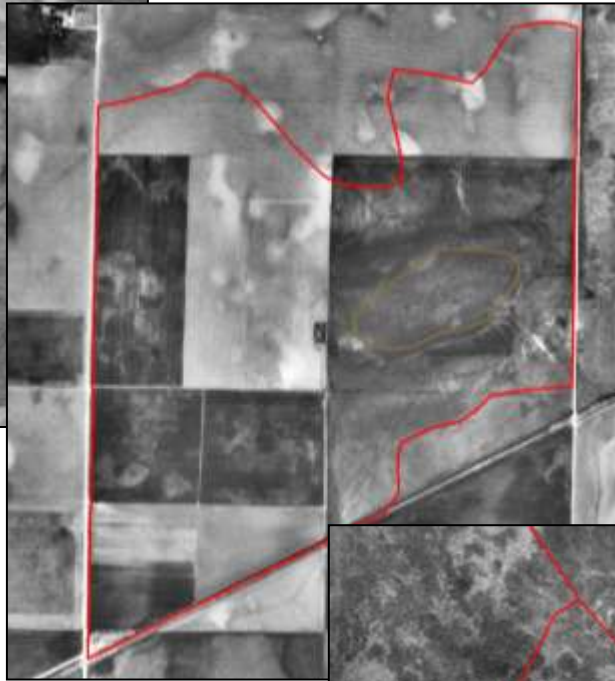
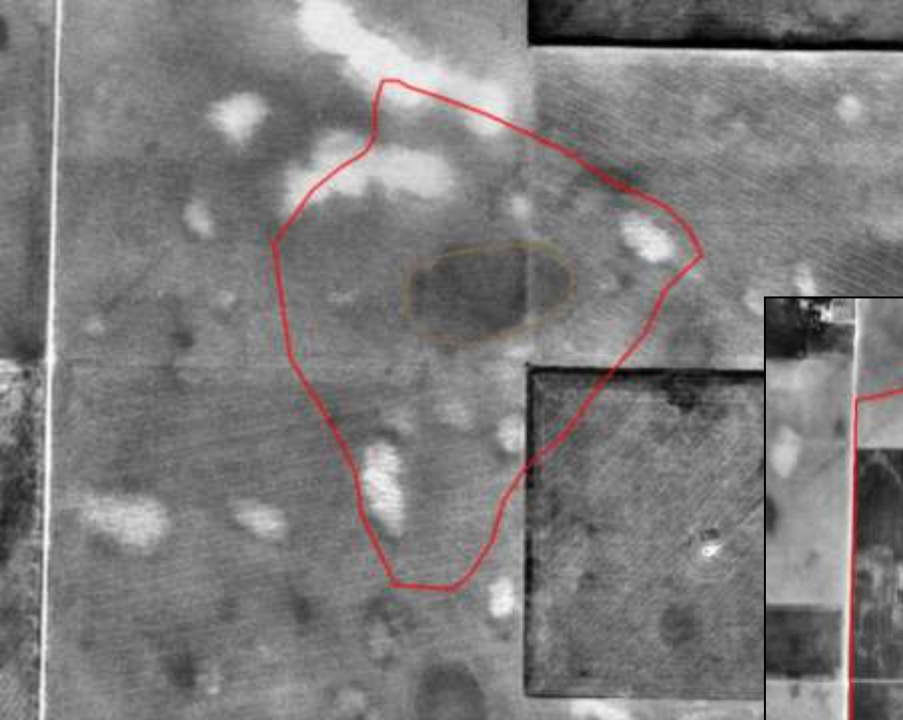
Historical sediment accumulation within High Plains playa wetlands as a result of human modification of the short grass prairie

**Mark W. Bowen (bowenm@uwosh.edu), Department
of Geography, UW-Oshkosh
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Geography, University of Kansas**

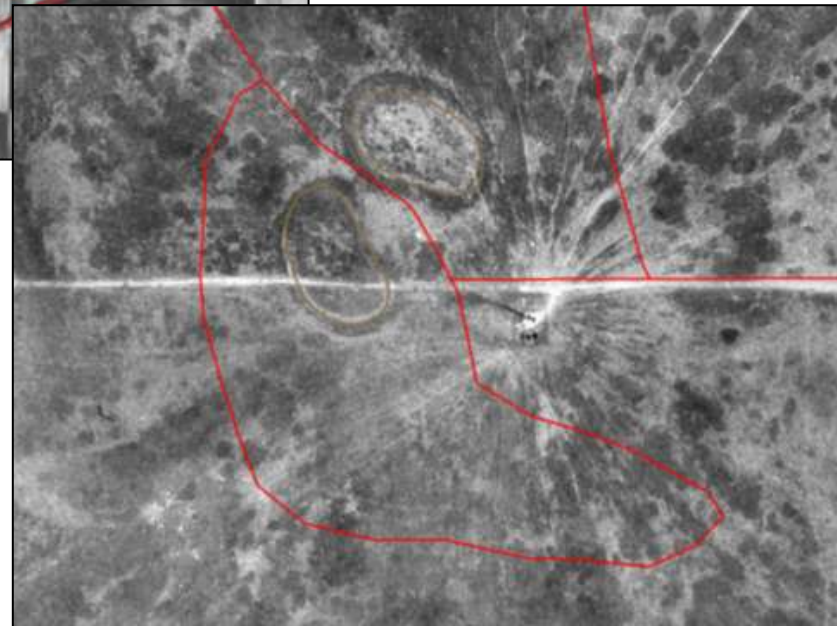




Cropped playas with cropped
watersheds (CPCW) in 1991, 2003,
and 2012



Grassed playas with
cropped watersheds
(GPCW) in 1991, 2003,
and 2012



Grassed playas with grassed
watersheds (GPGW) in 1991,
2003, and 2012

Cropped playas with cropped
watersheds (CPCW) in 1991, 2003,
and 2012



Grassed playas with
cropped watersheds
(GPCW) in 1991, 2003,
and 2012



Grassed playas with grassed
watersheds (GPGW) in 1991,
2003, and 2012



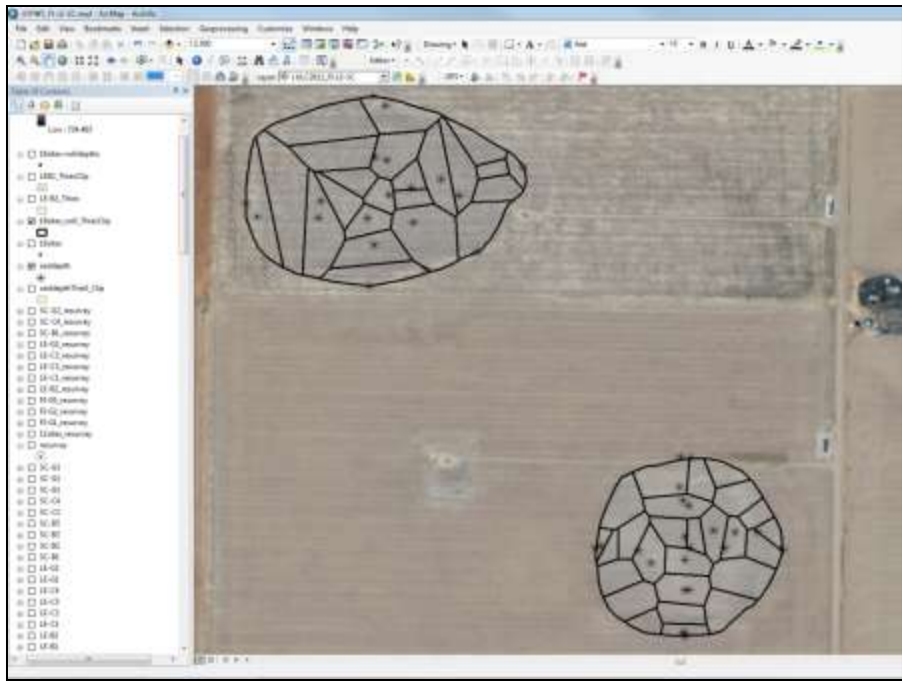
Cropped playas with cropped
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Grassed playas with grassed
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2003, and 2012





Cropped playas with
cropped watershed
(CPCW)

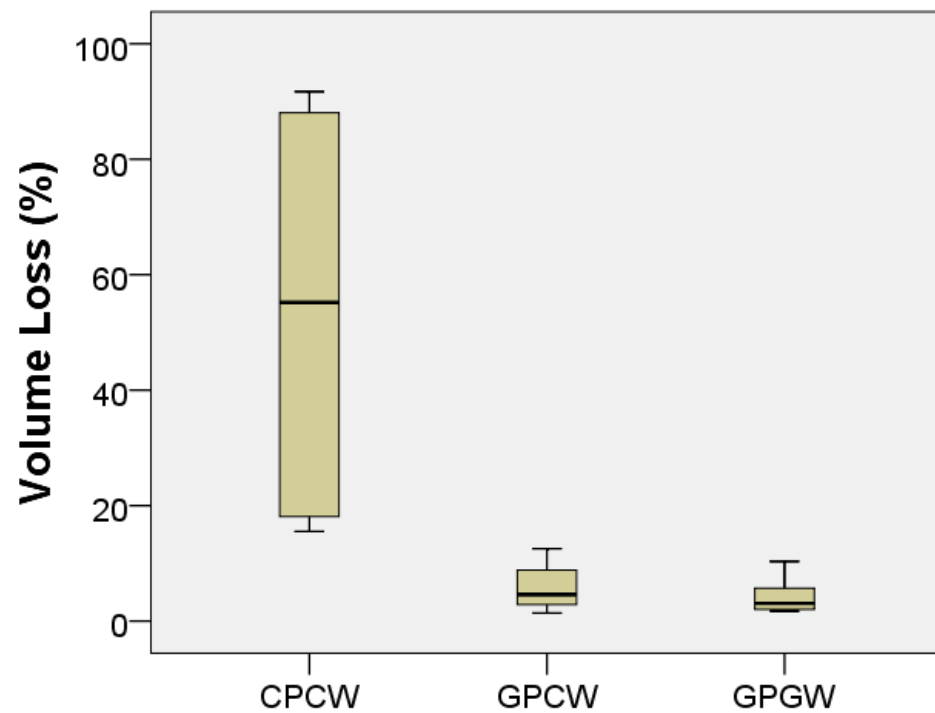
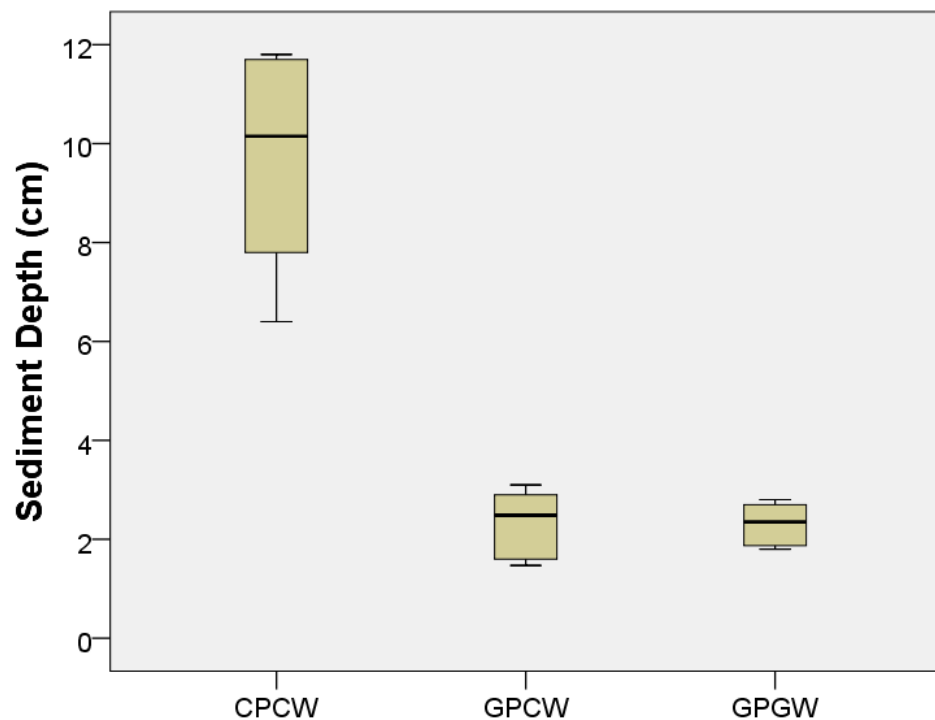


Grassed playas with
cropped watersheds
(GPCW)

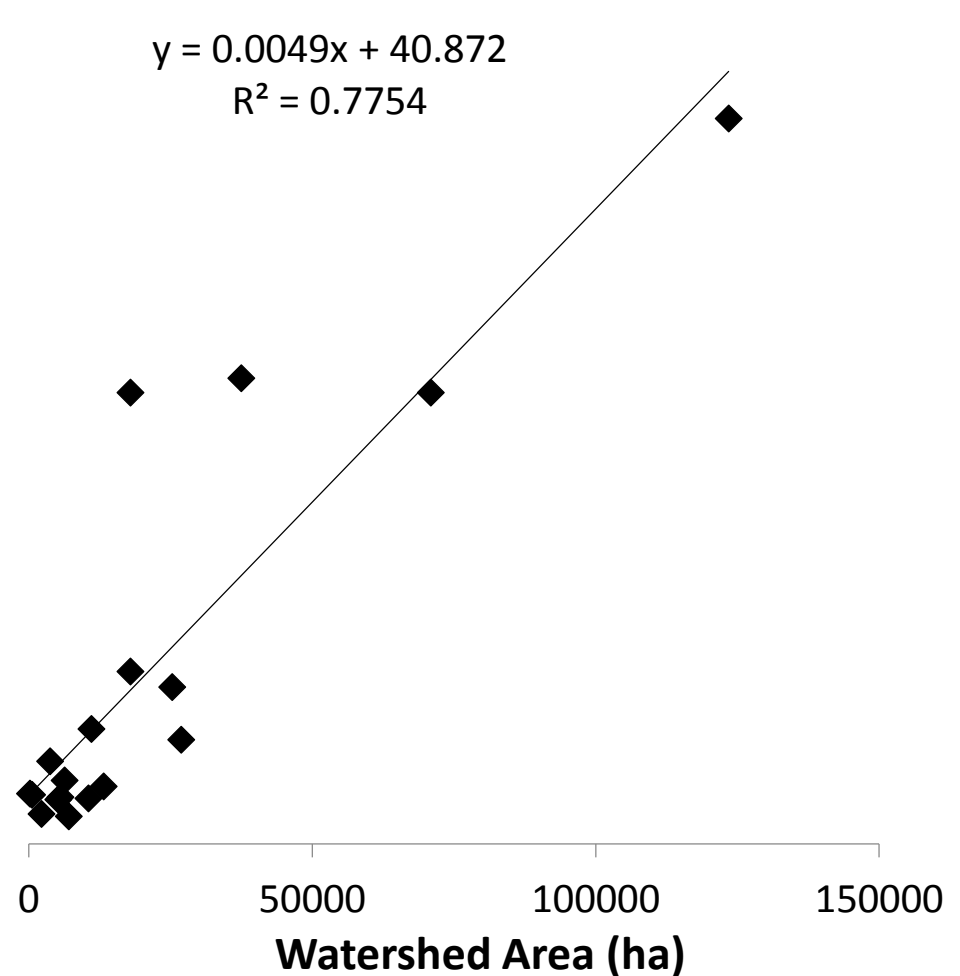
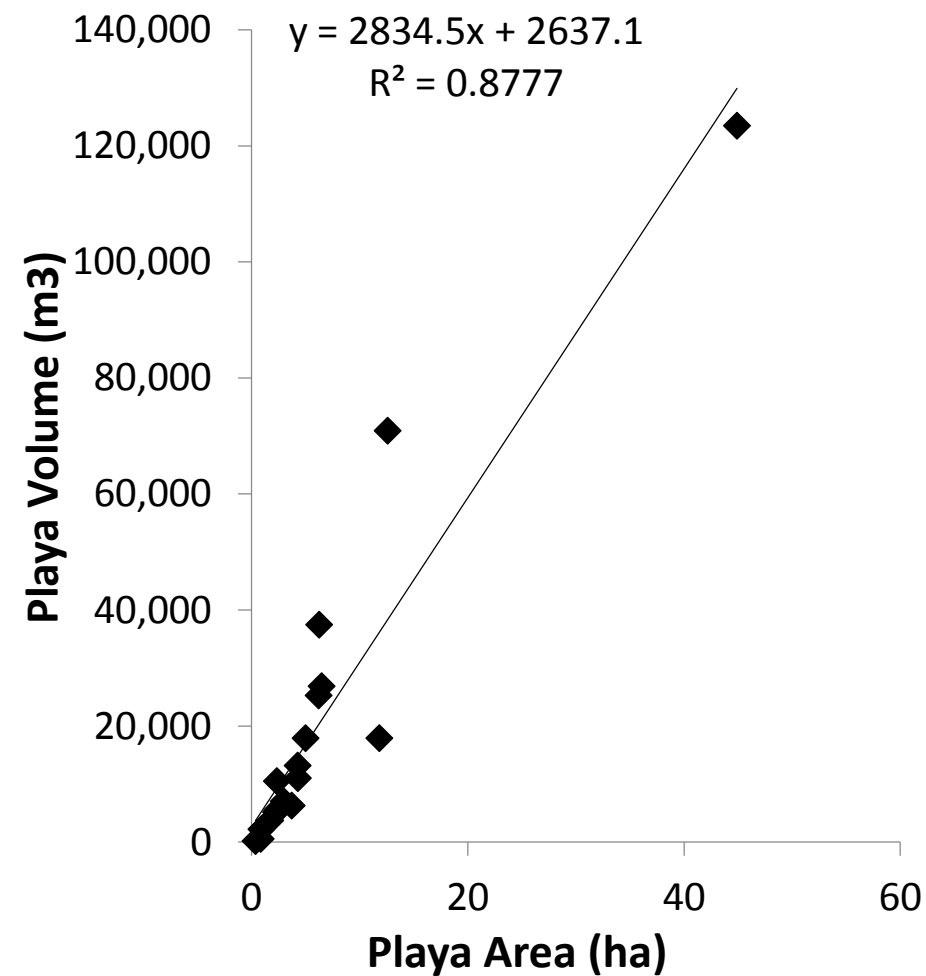


Grassed playas with
grassed watersheds
(GPGW)

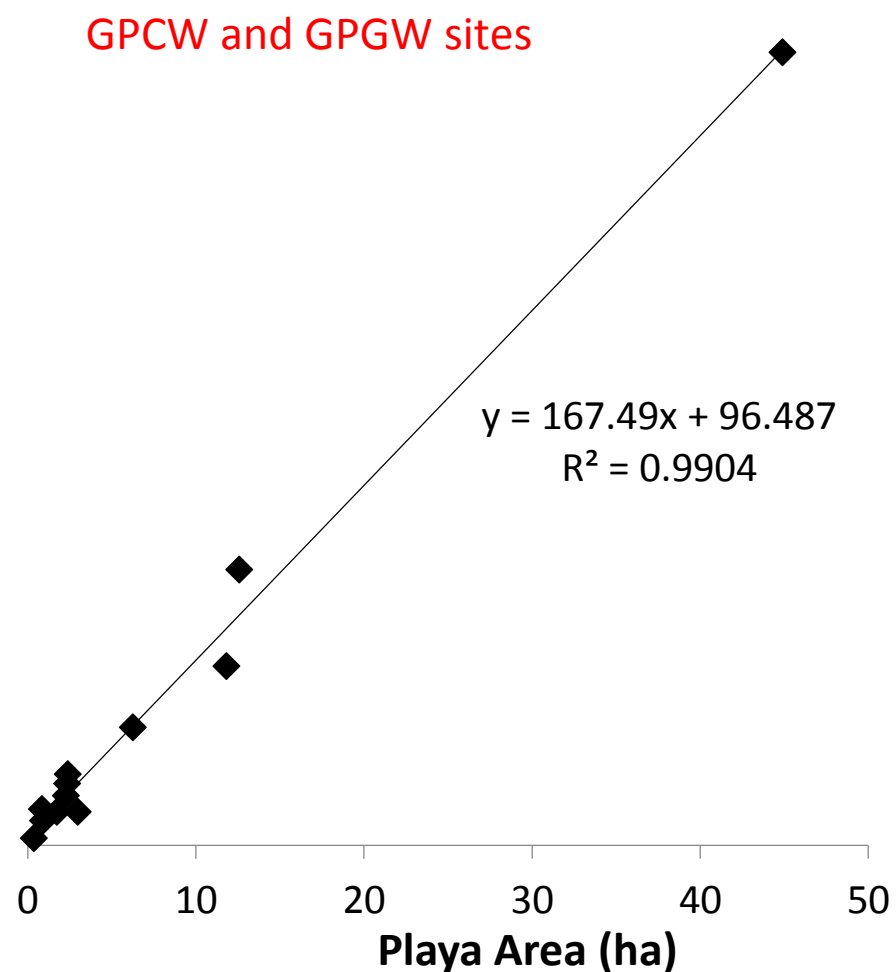
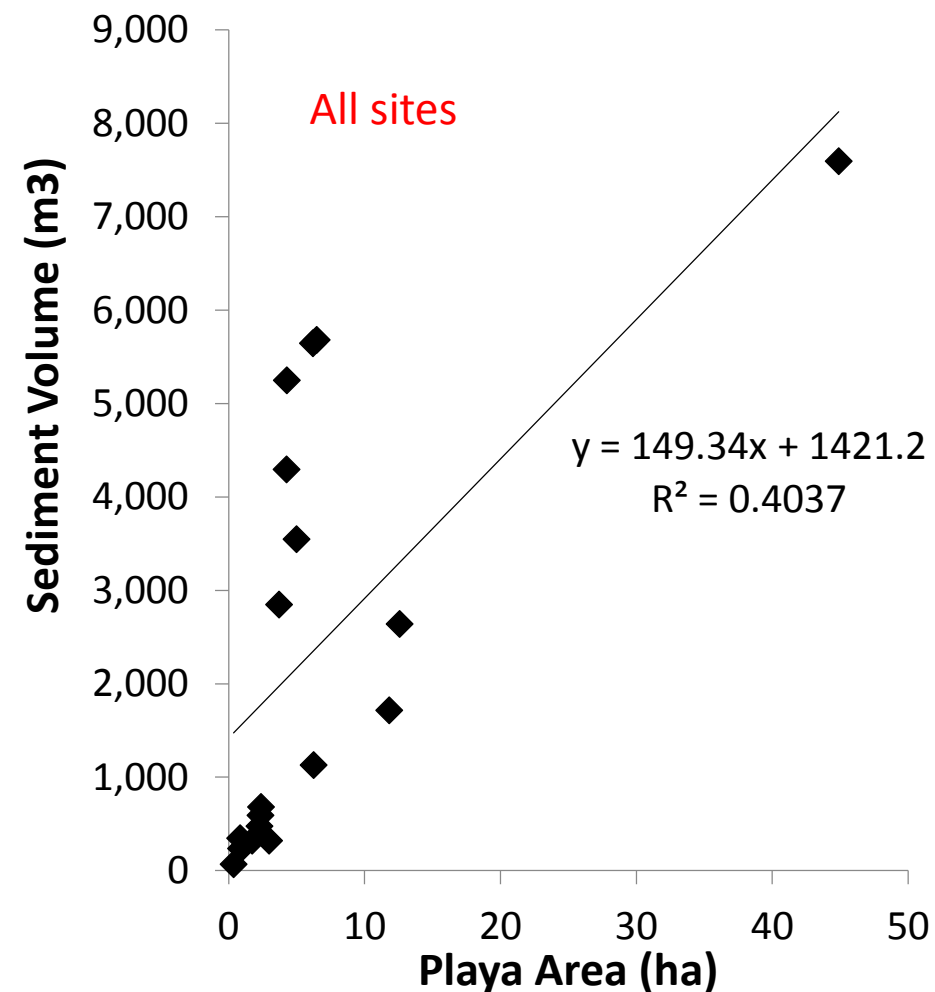
	Sediment Depth (cm)	Playa Depth (m)	Sediment Volume (m3)	Playa Volume (m3)	Volume lost to sediment (%)
CPCW	9.7	0.22	4544.5	14041.3	54.0
GPCW	2.3	0.23	2202.3	85622.3	5.8
GPGW	2.3	0.27	483.9	16722.6	4.3



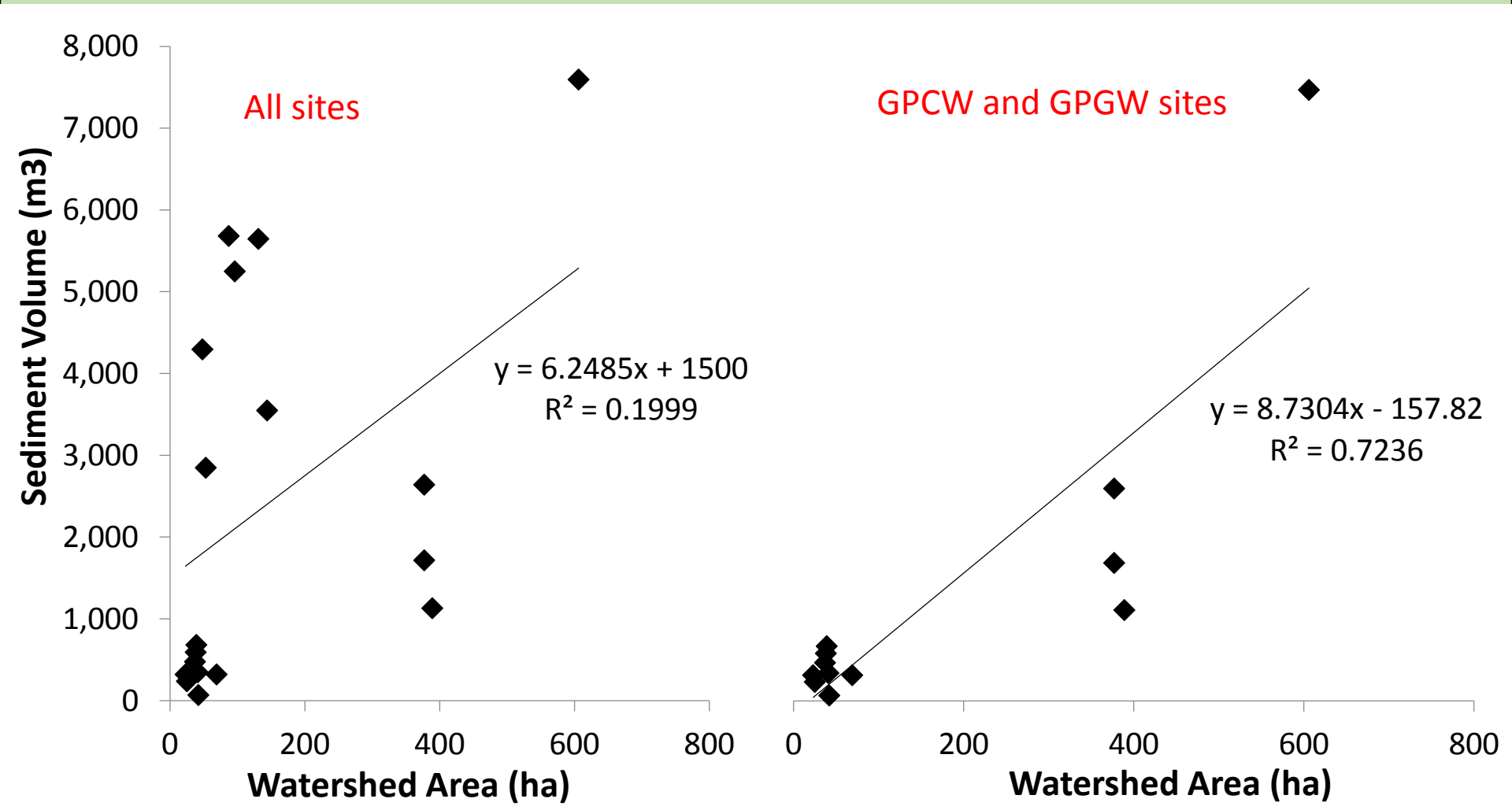
	Sediment Depth (cm)	Playa Depth (m)	Sediment Volume (m3)	Playa Volume (m3)	Volume lost to sediment (%)
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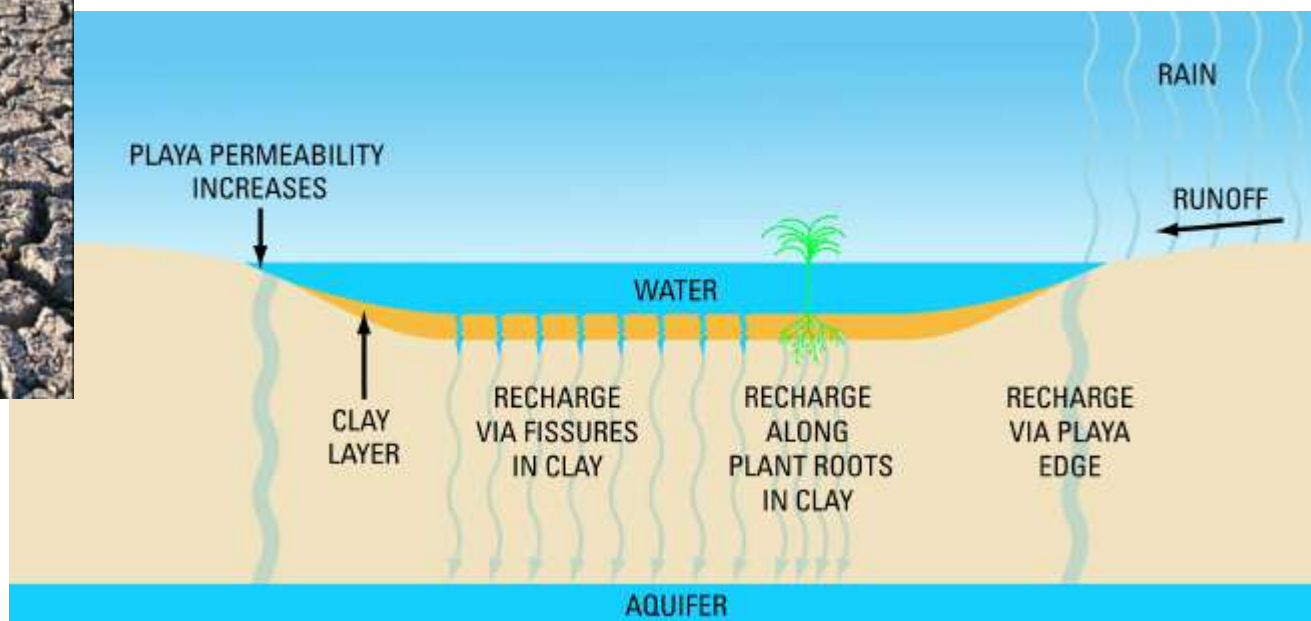


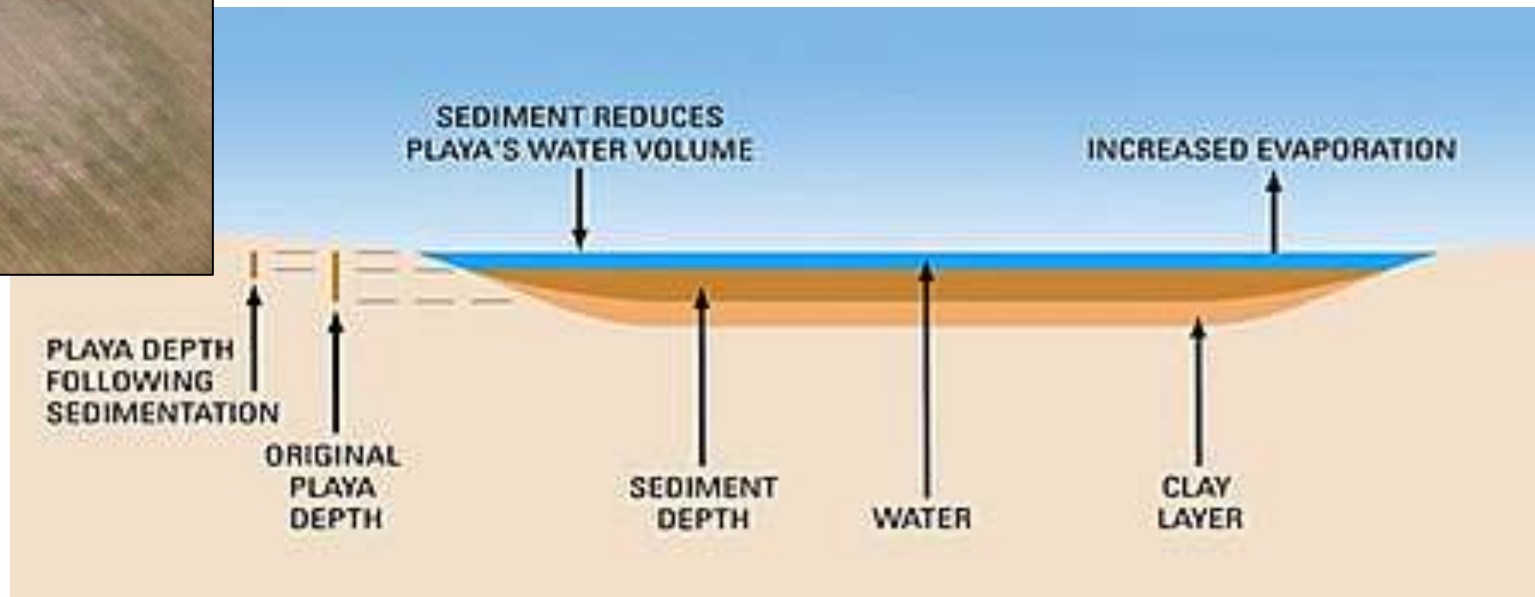
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Thank you

Funding sources

U.S. Fish and Wildlife Service
Playa Lakes Joint Venture
UW Oshkosh Faculty Development
University of Kansas

Student assistants

Chelsy Herring
Dakota Burt
John Kirinovic

