Resource Category – **Soil Erosion**
Resource Concern – **Sheet, Rill and Wind Erosion***
Land Use - **Crop**
Priority Rank by Land Use - **Priority #3 of 11 for Crop**

At Risk Acres
Soil units with RKLS/T >= 7.0 on crop.

Acres Needing Treatment
Fields treated with the following practices are considered "treated" for this resource concern.
329 – Residue and Tillage Management – No Till/Strip Till
340 – Cover Crop
345 – Residue and Tillage Management – Mulch Till

Priority Areas
Tabulated the at risk areas still needing treatment by watershed. Using the tabular data, determined the percent of untreated crop land from the total watershed area (Untreated Crop Acres/Watershed Acres). *Priority Areas* = top watersheds with up to 33-50% of Indiana's at risk acres still needing treatment.

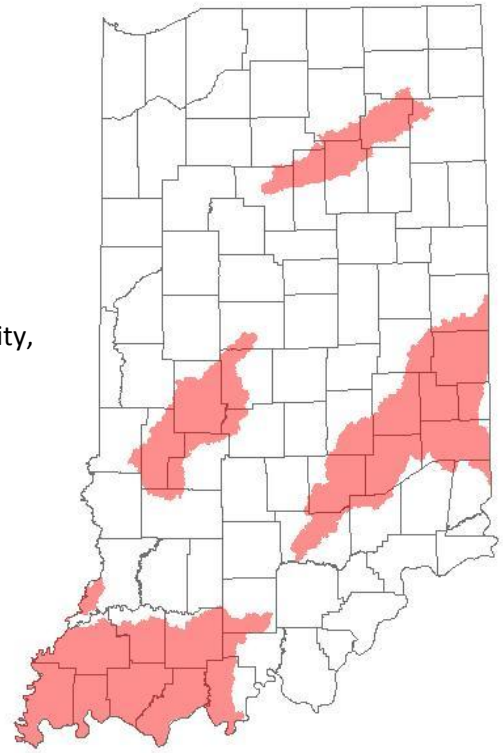
Results

	Statewide Acres	Priority Zone Acres
At Risk:	2,396,727	927,727
Needing Treatment:	2,149,493	819,163
To Treat 2012-2014:	265,800	108,600

*Wind erosion was not examined as part of this analysis

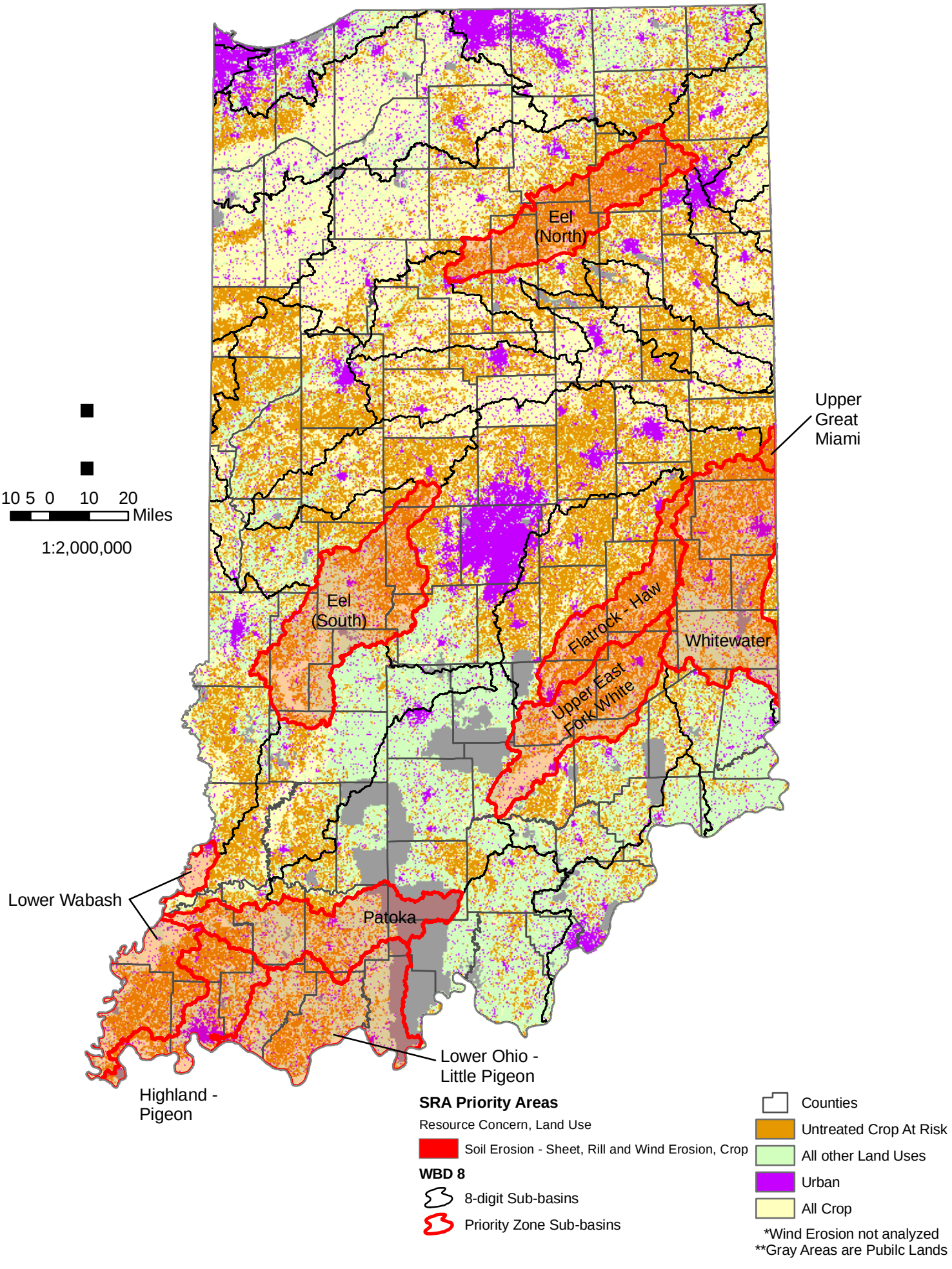
Input Data Sets

- USGS NLCD 2006 (modified)
- NRCS Planned Land Units (with the above practices)
- NRCS SSURGO map unit data (Ratings for Runoff, Erodibility, Slope Length, and Slope Steepness)



SRA Indiana NRCS Cropland Priority Areas for Soil Erosion – Sheet and Rill Erosion

2011 SRA - Sheet, Rill, and Wind* Erosion, Crop



Soil Erosion - Sheet, Rill, and Wind*, Crop

HUC NAME	HUC NUM	HUC Ac in Indiana	At Risk Crop Ac in HUC	Untreated Crop Ac in HUC	Untreated Crop as Percent of HUC's Total Area	HUC Rank for Untreated Crop Percent of Total Land
Upper Great Miami	05080001	20,564	5,071	5,020	24.4100	1
Eel (Wabash)	05120104	522,102	129,576	116,264	22.2684	2
Lower Wabash	05120113	425,576	102,169	92,345	21.6988	3
Highland-Pigeon	05140202	336,809	75,900	68,870	20.4478	4
Whitewater	05080003	850,878	174,449	152,439	17.9154	5
Patoka	05120209	551,475	98,566	88,440	16.0371	6
Flatrock-Haw	05120205	382,755	64,112	55,948	14.6172	7
Eel (White)	05120203	773,086	113,914	99,032	12.8100	8
Lower Ohio-Little Pigeon	05140201	632,950	90,152	78,267	12.3655	9
Upper East Fork White	05120206	519,596	73,817	62,538	12.0359	10
Vermilion	05120109	87,149	10,985	10,208	11.7137	11
Lower Great Miami	05080002	40,503	5,098	4,715	11.6422	12
Lower White	05120202	1,070,915	138,768	123,232	11.5072	13
Middle Wabash-Little Vermilion	05120108	1,322,238	170,989	150,446	11.3782	14
Driftwood	05120204	745,917	88,587	83,137	11.1456	15
Upper Wabash	05120101	852,795	96,853	86,738	10.1710	16
St. Joseph (Erie)	04100003	386,422	39,871	38,289	9.9087	17
Muscatatuck	05120207	729,875	78,349	71,818	9.8398	18
Middle Wabash-Busseron	05120111	718,816	79,166	69,777	9.7073	19
Salamonie	05120102	358,475	31,404	28,596	7.9770	20
Blue Sinking	05140104	801,836	74,901	62,504	7.7951	21
Upper White	05120201	1,741,534	141,480	134,705	7.7349	22
Mississinewa	05120103	503,119	40,698	38,159	7.5845	23
Middle Wabash-Deer	05120105	428,176	34,155	31,800	7.4268	24
Sugar	05120110	519,224	43,493	38,555	7.4256	25
Lower East Fork White	05120208	1,298,329	113,306	94,476	7.2768	26
Silver-Little Kentucky	05140101	432,713	31,582	29,432	6.8016	27
Middle Ohio - Laughery	05090203	515,369	30,144	27,186	5.2750	28
St. Joseph (Michigan)	04050001	1,088,761	56,539	54,089	4.9679	29
Wildcat	05120107	515,063	23,655	21,056	4.0881	30
Upper Maumee	04100005	125,912	5,294	5,025	3.9911	31
St. Mary's	04100004	243,765	10,233	9,047	3.7113	32
Tippecanoe	05120106	1,247,742	47,195	45,168	3.6200	33
Little Calumet-Galien	04040001	327,726	11,971	11,748	3.5846	34
Iroquois	07120002	539,701	20,967	18,831	3.4892	35
Kankakee	07120001	1,372,513	41,842	40,436	2.9462	36
Auglaize	04100007	65,448	1,340	1,032	1.5770	37
Chicago	07120003	57,162	122	122	0.2140	38

*Wind not included in this analysis