

Supplementary materials.

Table S1. 1995 LCLU accuracy assessment

	Water	Urban Vegetation	Cropland	Developed Land	Barren Land	Total	User's Accuracy
water	45	0	2	1	2	50	0.9
Urban Vegetation	0	42	4	2	2	50	0.84
Cropland	1	2	41	5	1	50	0.82
Developed Land	1	3	5	41	0	50	0.82
Barren Land	1	4	2	1	42	50	0.84
Total	48	51	54	50	47	250	
Producer's Accuracy	0.938	0.824	0.759	0.82	0.894		
overall Classification Accuracy		0.844					
Overall Kappa Statistics		0.812					

Table S2. 2000 LCLU accuracy assessment

	Water	Urban Vegetation	Cropland	Developed Land	Barren Land	Total	User's Accuracy
water	44	1	3	1	1	50	0.88
Urban Vegetation	2	40	4	2	2	50	0.8
Cropland	3	3	38	4	2	50	0.76
Developed Land	2	4	5	37	2	50	0.74
Barren Land	1	4	2	3	40	50	0.8
Total	52	52	52	47	47	250	
Producer's Accuracy	0.846	0.769	0.731	0.787	0.851		
overall Classification Accuracy		0.796					
Overall Kappa Statistics		0.757					

Table S3. 2005 LCLU accuracy assessment

	Water	Urban Vegetation	Cropland	Developed Land	Barren Land	Total	User's Accuracy
water	41	2	3	3	1	50	0.82
Urban Vegetation	2	37	5	5	1	50	0.74
Cropland	4	3	36	4	3	50	0.72
Developed Land	3	3	4	38	2	50	0.76
Barren Land	2	4	5	6	33	50	0.66
Total	52	49	53	56	40	250	
Producer's Accuracy	0.788	0.755	0.679	0.679	0.825		
overall Classification Accuracy		0.74					
Overall Kappa Statistics		0.695					

Table S4. 2010 LCLU accuracy assessment

	Water	Urban Vegetation	Cropland	Developed Land	Barren Land	Total	User's Accuracy
water	42	2	2	3	1	50	0.84
Urban Vegetation	2	39	5	4	0	50	0.78
Cropland	2	1	43	2	2	50	0.86
Developed Land	1	1	2	41	5	50	0.82
Barren Land	1	4	2	2	41	50	0.82
Total	48	47	54	52	49	250	
Producer's Accuracy	0.875	0.830	0.796	0.788	0.837		
overall Classification Accuracy		0.824					
Overall Kappa Statistics		0.789					

Table S5. 2015 LCLU accuracy assessment

	Water	Urban Vegetation	Cropland	Developed Land	Barren Land	Total	User's Accuracy
water	39	3	1	4	3	50	0.78
Urban Vegetation	1	43	1	3	2	50	0.86
Cropland	2	2	41	2	3	50	0.82
Developed Land	2	3	3	40	2	50	0.8
Barren Land	2	3	5	2	38	50	0.76
Total	46	54	51	51	48	250	
Producer's Accuracy	0.847	0.796	0.804	0.784	0.792		
overall Classification Accuracy		0.804					
Overall Kappa Statistics		0.766					