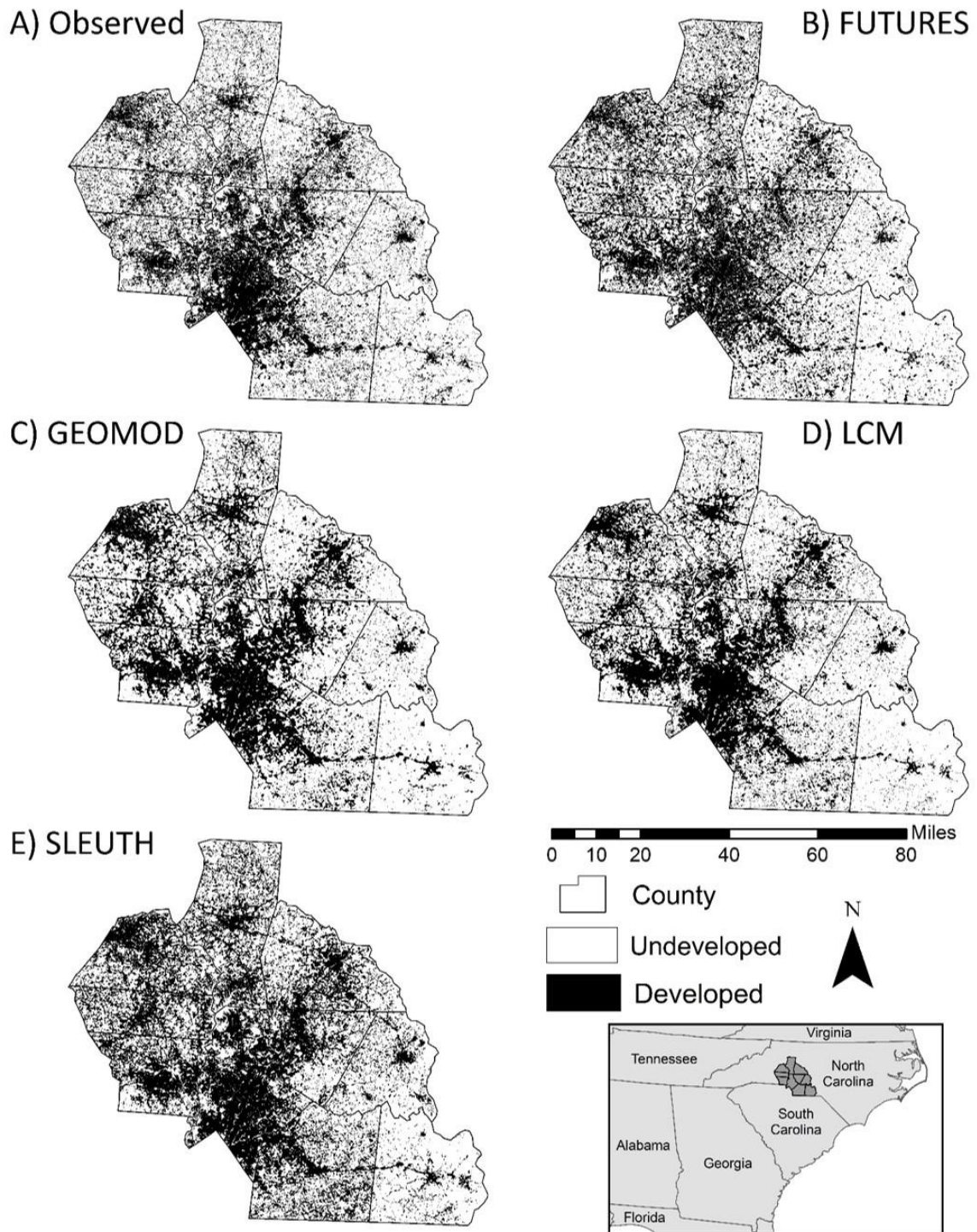# Supplementary Materials: Comparing Quantity, Allocation and Configuration Accuracy of Multiple Land Change Models

Table S1. Error matrices in terms of randomly sampled points for each land cover dataset created using the VIS method. Class 1 is undeveloped and class 2 is developed. Map categories are rows and columns represent reference categories.

Class	1	2	Total	W_i	User's	Producer's	Overall
1976							
1	122	13	135	0.97	0.90	1.00	0.91
2	0	15	15	0.03	1.00	0.24	
Total	122	28	150	1.00			
1985							
1	96	10	106	0.95	0.91	1.00	0.91
2	2	42	44	0.05	0.95	0.33	
Total	98	52	150	1.00			
1996							
1	74	9	83	0.85	0.89	0.98	0.89
2	8	59	67	0.15	0.88	0.60	
Total	82	68	150	1.00			
2006							
1	77	5	82	0.76	0.94	0.93	0.90
2	14	54	68	0.24	0.79	0.81	
Total	91	59	150	1.00			
2016							
1	81	6	87	0.70	0.93	0.99	0.94
2	2	61	63	0.30	0.97	0.86	
Total	83	67	150	1.00			

Figure S1. Ten county study extent showing 2016 (A) observed development and model simulations for (B) FUTURES, (C) GEOMOD, (D) LCM, and (E) SLEUTH.
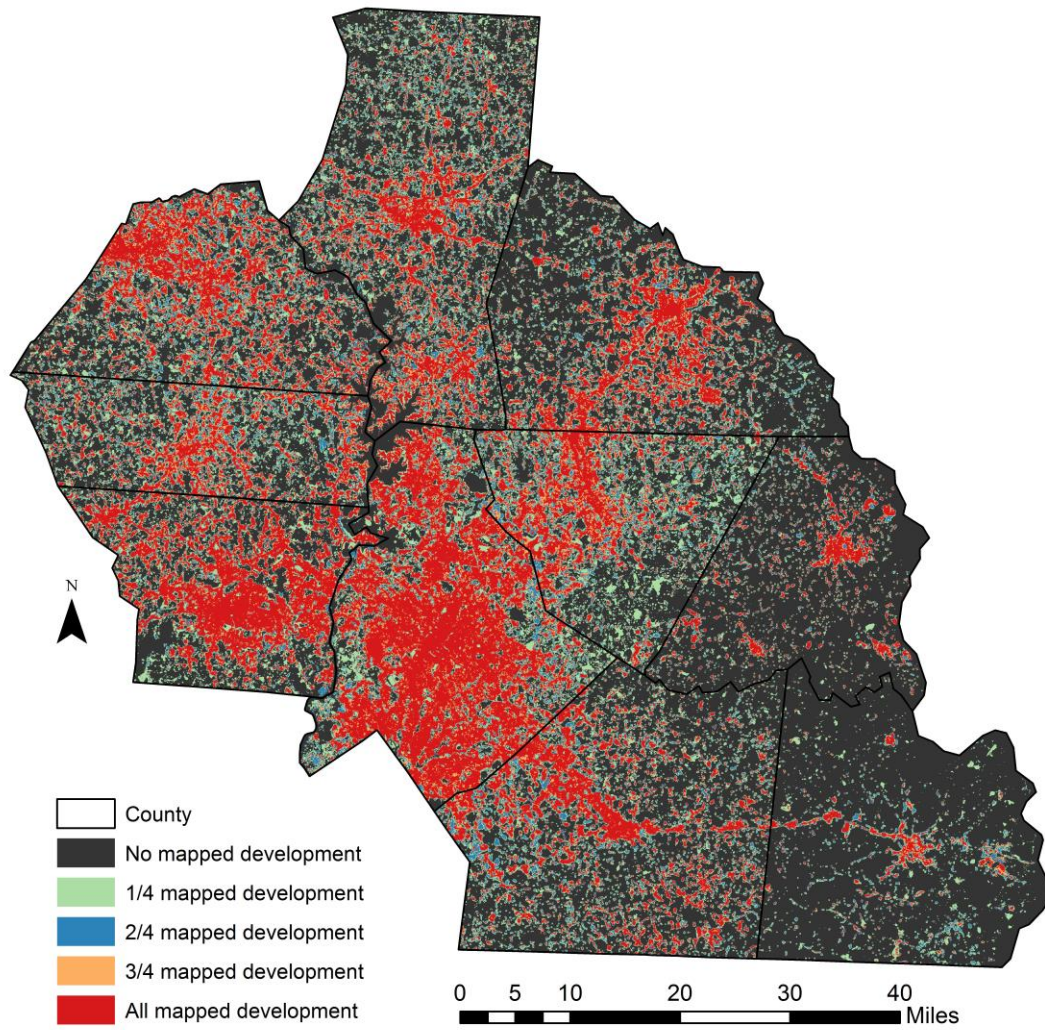
Figure S2. Study location depicting where the four models agree and differ.