

## Supplementary Material

**Table S1.** The top 5 land cover change trajectories and areas for each land cover type.

Description	Major LCC trajectories	Area (km <sup>2</sup> )
Land cover trajectories that remained unchanged	03→03→03→03;04→04→04→04; 05→05→05→05;09→09→09→09; 10→10→10→10	2,283.885
Land cover trajectories that were changed to developed-high intensity (02)	04→04→04→02;03→03→02→02; 03→03→03→02;20→20→20→02; 05→05→05→02	11.075
Land cover trajectories that were changed to developed medium intensity (03)	05→05→05→03;09→03→03→03; 08→03→03→03;09→09→09→03; 09→09→03→03	17.014
Land cover trajectories that were changed to developed low intensity (04)	05→05→05→04;09→09→09→04; 09→09→04→04;07→07→07→04; 09→04→04→04	29.445
Land cover trajectories that were changed to developed open space (05)	09→05→05→05;07→07→07→05; 08→05→05→05;09→09→05→05; 06→06→05→05	23.592
Land cover trajectories that were changed to cultivated crops (06)	07→07→06→06;07→06→06→06; 09→09→09→06;10→10→06→06; 11→11→06→06	2.685
Land cover trajectories that were changed to pasture/hay (07)	06→06→07→07;06→07→07→07; 09→09→09→07;09→09→07→07; 09→07→07→07	1.887
Land cover trajectories that were changed to grassland/herbaceous (08)	09→09→08→08;09→08→08→08; 10→10→10→08;21→21→08→08; 11→11→11→08	1.753
Land cover trajectories that were changed to deciduous forest (09)	07→07→07→09;09→12→09→09; 08→08→08→09;06→06→06→09; 21→21→09→09	0.815
Land cover trajectories that were changed to evergreen forest (10)	12→12→10→10;06→06→06→10; 07→07→07→10;12→10→10→10; 07→10→10→10	0.163
Land cover trajectories that were changed to mixed forest (11)	07→11→11→11;06→11→11→11; 12→11→11→11;06→06→11→11; 08→11→11→11	0.095
Land cover trajectories that were changed to scrub/shrub (12)	09→09→09→12;09→12→12→12; 08→08→12→12;08→08→08→12; 09→09→12→12	5.081
Land cover trajectories that were changed to palustrine forested wetland (13)	14→14→13→13;06→06→06→13; 07→07→07→13;12→12→13→13; 14→14→14→13	0.182

Land cover trajectories that were changed to palustrine scrub/shrub wetland (14)	15→15→14→14;13→13→13→14; 13→13→14→14;15→15→15→14; 21→21→21→14	0.116
Land cover trajectories that were changed to palustrine emergent wetland (15)	13→13→15→15;07→07→07→15; 09→09→15→15;21→21→21→15; 09→09→09→15	0.128
Land cover trajectories that were changed to estuarine forested wetland (16)	18→18→18→16	0.002
Land cover trajectories that were changed to estuarine scrub/shrub wetland (17)	18→18→18→17;07→07→07→17; 15→15→15→17;06→06→06→17; 21→21→21→17	0.447
Land cover trajectories that were changed to estuarine emergent wetland (18)	21→21→21→18;09→09→09→18; 13→13→13→18;17→17→18→18; 07→07→07→18	0.310
Land cover trajectories that were changed to unconsolidated shore (19)	20→20→19→19;21→21→19→19; 21→21→21→19;20→19→19→19; 13→19→19→19	0.044
Land cover trajectories that were changed to bare land (20)	09→20→20→20;07→07→07→20; 05→05→05→20;21→21→20→20; 06→06→06→20	2.528
Land cover trajectories that were changed to open water (21)	20→20→21→21;20→20→20→21; 18→18→18→21;20→20→19→21; 09→21→21→21	1.355
Land cover trajectories that were changed to palustrine aquatic bed (22)	21→21→21→22;13→13→13→22; 05→05→05→22;09→09→09→22; 10→10→10→22	0.029
Land cover trajectories that were changed to estuarine aquatic bed (23)	18→18→18→23	0.005