

## Supplementary Materials

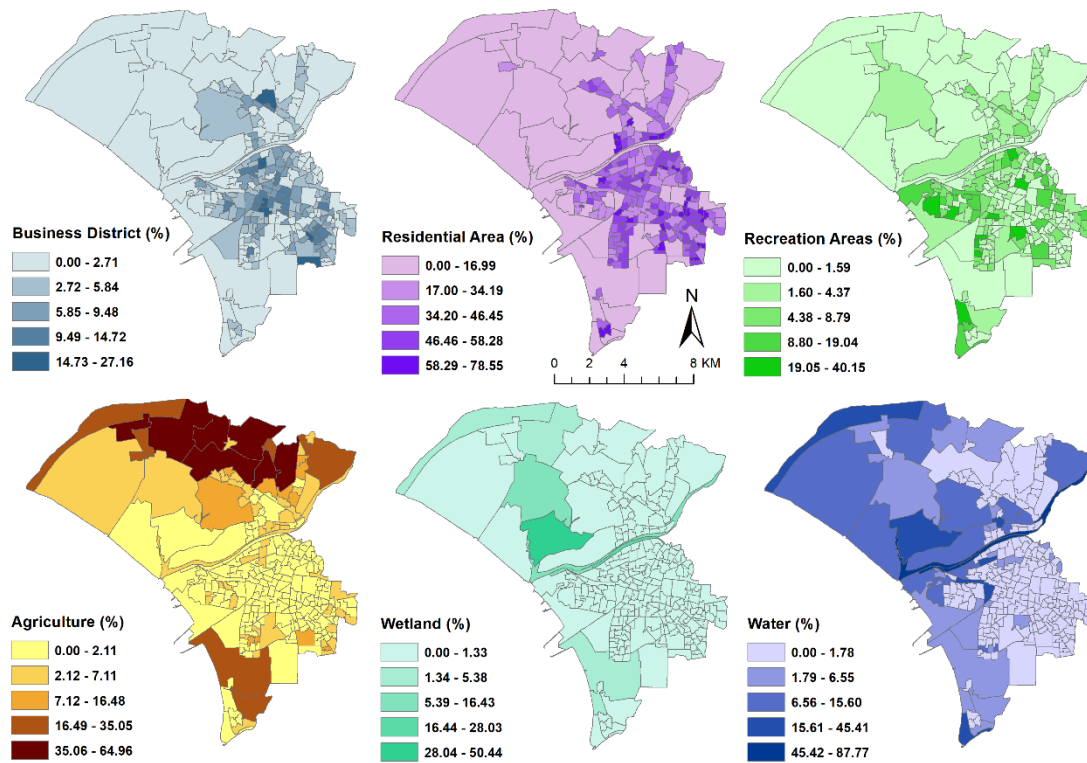


Figure S1. LCLU percentages within the 2<sup>nd</sup> level dissemination area in the metropolitan region of Tainan City.

Table S1. The selected LCLU types in the analysis

LCLU Types	Mean (%) <sup>§</sup>	Maximum (%)	Minimum (%)	VIF*
Business district	4.46	27.16	0	1.14
Agriculture <sup>#</sup>	0.78	31.03	0	1.47
Residential area	37.83	78.55	0	1.97
Recreation area	3.85	40.15	0	1.25
Wetland	0.58	50.44	0	1.45
Water	2.97	87.77	0	1.65

§: The mean/ maximum/ minimum percentages of LCLU within the 2<sup>nd</sup> level dissemination area in the metropolitan region of Tainan City.

# Agriculture includes rice farms, orchards, and drought-tolerant crops

\* variance inflation factor